



Bipartisan Infrastructure Investment and Jobs Act Guide

From the Office of our Chief Strategist

Table of Contents

03 Introduction

03 Basic Spending Breakdown

05 Airports and Federal Aviation Administration (FAA) Facilities

09 Broadband

17 Clean Energy and Power

59 Electric Vehicles, Buses and Ferries

65 Environmental Remediation

71 Passenger and Freight Rail

77 Ports and Waterways

87 Public Transportation

101 Resilience

149 Roads, Bridges and Major Projects

171 Safety

185 Solid Waste Management and Recycling

189 Water

209 Other Programs

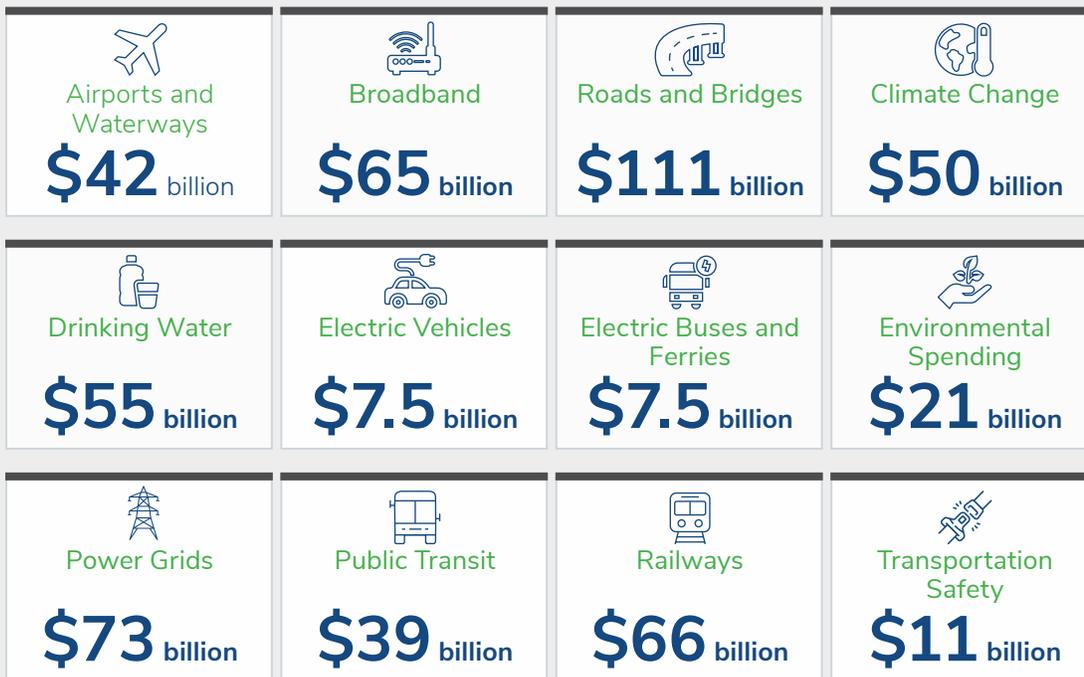
Introduction

The Infrastructure Investment and Jobs Act (IIJA) provides for \$1.2 trillion—including \$550 billion in new federal spending—for various infrastructure projects and investments over the next five years. More specifically, it extends highway, safety, transit, rail and research programs that are typically included in surface transportation reauthorizations. It also includes provisions to address climate change, codify existing policies on environmental reviews, impose domestic content requirements, enhance the electric grid and replace lead pipes.

To offset portions of the spending, the IIJA also contains provisions to extend the annual sequestration of mandatory funding, block a drug rebate rule that hadn't yet taken effect, sell oil from the Strategic Petroleum Reserve and require transactions of digital assets—including cryptocurrency—to be reported to the IRS.

Basic Spending Breakdown

New funds provided under the IIJA are broadly allocated as follows:



Detailed information about individual programs funded by the IIJA—both new and previously existing—is included within.



AIRPORT

35 35

Airports and Federal Aviation Administration (FAA) Facilities

The IIJA invests \$25 billion to modernize and upgrade U.S. airports. Funding under this section is allocated to the FAA and is meant to address various repair and maintenance needs as well as reduce congestion, lower emissions and update the National Aerospace System.

Existing Program

Facilities and Equipment

\$5 billion

Period of Availability: Available until expended

Funding Mechanism: Contract

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; mobile asset management program; and administrative expenses, including salaries and expenses, administration and oversight.

Eligible Uses: Capital improvements for FAA-owned and -maintained facilities. The work will be awarded to commercial vendors on contract vehicles as well as with FAA's internal resources. Funding can be used for terminal and en route staffed facilities that directly manage air traffic control operations. Funding can also be used for sustainment activities at FAA-owned, unstaffed facilities and supporting infrastructure, such as power systems, fuel storage tanks, facilities security risk management, environmental activities at FAA-owned facilities, sustainment of long-range radar facilities, and sustainment of mobile air traffic control facilities. Replacements for FAA-owned terminal and en route facilities are eligible.

Next Milestone:

Each project has its own planning cycle and individual milestones. The overarching program milestones are the annual funding allocations and required spending plans as defined by the Bipartisan Infrastructure Law.

New Program

Airport Infrastructure Grants

\$15 billion

Period of Availability: Five years
Funding Mechanism: Grant

Recipients: Public agency, private entity, or state or 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 are in the National Plan of Integrated Airport Systems. This amounts to approximately 3,100 airports.

Description: The funds are allocated in three buckets: Primary Allocation, Non-Primary Allocation, Contract Towers.

Eligible Uses: Projects to track passenger facility charge eligibility, with the exception of debt service. The Bipartisan Infrastructure Law specifically states that the funds cannot be used for debt service.

Next Milestone:

May 2022 — FAA will issue guidance and begin issuing grants for specific projects based on the FY22 airport allocations announced on December 16, 2021.

May 2022 — FAA will issue the Notice of Funding Opportunity for the competitive \$20 million (annual) Contract Tower Competitive Grant Program.

New Program

Airport Terminal Program

\$5 billion

Period of Availability: Five years
Funding Mechanism: Grant

Recipients: Public agency, private entity, or state or 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; walkways; multimodal terminal development; and projects for on-airport, rail access projects. Also provides grants for relocating, reconstructing, repairing or improving an airport-owned airport traffic control tower

Eligible Uses: Capital improvements for airport terminal development (i.e., airport passenger terminal building); 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; projects for on-airport rail access projects; and projects for relocating, reconstructing, repairing or improving an airport-owned air traffic control tower

Next Milestone:

February 2022 — Issue Notice of Funding Opportunity for the FY22 competitive program



Broadband

The new infrastructure law provides \$65 billion to expand the U.S. broadband infrastructure. The stated purpose of these provisions is to give greater access to reliable high-speed internet, help broadband consumers by lowering prices, and close the digital divide.

This funding falls into seven 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 USDA (\$2 billion); (6) the Middle Mile Broadband Infrastructure Program (\$1 billion); and (7) Private Activity Bonds (~\$600 million).

New Program

Broadband Equity, Access, and Deployment Program (Dept. of Commerce)

\$42.45 billion

Period of Availability: Available until expended
Funding Mechanism: Grant

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 U.S. 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 five-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 maps to be published by the Federal Communications Commission (FCC) in 2022. The priority for deployment is to provide broadband 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); promoting broadband adoption, including through the provision of affordable internet-connected devices; providing Wi-Fi or reduced-cost internet access to multifamily housing units; and for other uses that the National Telecommunications and Information Administration determines are necessary to facilitate the goals of the program

Next Milestone:
TBD

Existing Program

Affordable Connectivity Program (FCC)

\$14.2 billion

Period of Availability: Available until expended
Funding Mechanism: Subsidies provided directly to internet service providers to apply to consumers' monthly internet bills

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.

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.

Next Milestone:

The FCC is seeking comment on how to best structure a grant program focused on outreach to households that are eligible to participate in the Affordable Connectivity Program, whether to launch a potential pilot program focused on increasing awareness of and enrollment in the Affordable Connectivity Program among eligible households participating in federal public housing assistance programs; and establishment of a mechanism by which a participating provider in a high-cost area may receive an enhanced benefit of up to \$75 per month for broadband service.

Existing Program**Tribal Broadband Connectivity Program (Dept. of Commerce)****\$2 billion****Period of Availability:** Available until expended
Funding Mechanism: Grant

Recipients: Tribal governments, organizations, 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.

Eligible Uses: Planning (e.g., feasibility); broadband infrastructure deployment (e.g., construction); broadband adoption, digital literacy, and tech support; digital skills training (e.g., science, technology, engineering, arts and math, workforce development); devices and equipment (e.g., laptops, hotspots); public connectivity and computer access; research and/or evaluation; data and/or mapping; smart communities, cities, and regions; telehealth

Next Milestone:

Estimated application opening date TBD

Existing Program**Distance Learning, Telemedicine, and Broadband:
ReConnect Program (USDA)****\$1.9 billion****Period of Availability:** Available until expended
Funding Mechanism: Direct loan, grant, or combination

Recipients: Corporations; limited liability companies and limited liability partnerships; cooperatives or mutual organizations; state or local governments, including any agency, subdivision, or instrumentality of a political subdivision thereof; territories or possessions of the United States; and American Indian 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 of 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 5% of the award may be used for pre-application expenses.

Next Milestone:

Estimated application opening date in Q3 of 2022

New Program

State Digital Equity Planning Grant (Dept. of Commerce)

\$60 million

Period of Availability: Available until expended
Funding Mechanism: Grant

Recipients: States, territories, District of Columbia

Description: As part of the Digital Equity Act programs, \$2.75 billion was dedicated to establishing 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)

Next Milestone:

Estimated application opening date in Q2 of 2022

New Program

State Digital Equity Capacity Grant (Dept. of Commerce)

\$1.4 billion

Period of Availability: Available until expended
Funding Mechanism: Grant

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 \$1.44 billion to a formula grant program for states, territories, tribal governments, Alaska Native entities and 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 and tech support

Next Milestone:

Estimated application opening date TBD

New Program

State Digital Equity Competitive Grant (Dept. of Commerce)

\$1.25 billion

Period of Availability: Available until expended
Funding Mechanism: Grant

Recipients: Local education agency; state governments, including any political subdivisions of the state; tribal/American Indian governments; Alaska Native entities; Native Hawaiian organizations, nonprofit 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 subdivisions, agencies, or instrumentalities 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, and tech support; digital equity programs

Next Milestone:

Estimated application opening date TBD

New Program

Middle Mile Grants Program (Dept. of Commerce)

\$1 billion

Period of Availability: Fiscal years 2022–2026

Funding Mechanism: Grant

Recipients: States, counties, cities and townships and their subdivisions; tribal governments; Native entities; public utility districts; economic development authorities and 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)

Next Milestone:

Estimated application opening date in Q2 of 2022

Existing Program

**Distance Learning, Telemedicine, and Broadband:
Broadband Loans (USDA)**

\$74 million

Period of Availability: Available until expended

Funding Mechanism: Direct loan

Recipients: Corporation; limited liability company; cooperative or mutual organization; a state or local unit of government; American Indian tribe or tribal organization. Individuals and partnerships are not eligible.

Description: The Rural Broadband Access Loan and Loan Guarantee Program (Broadband Program) make 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 providing funding on a technology-neutral basis for financing the construction, improvement and acquisition of facilities required to provide broadband service, including facilities required to provide 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 details, see 7 CFR 1738

Next Milestone:

Estimated application opening date TBD

New Program

Affordable Connectivity Program—Outreach Grants (FCC)

\$TBD

Period of Availability: Available until expended

Funding Mechanism: The FCC may provide grants to outreach partners to educate consumers about the Affordable Connectivity Program.

Recipients: TBD, pending rulemaking

Description: To help inform and educate consumers about the Affordable Connectivity Program, the Commission may provide grants to outreach partners.

Eligible Uses: TBD

Next Milestone:

TBD

New Program

Broadband Deployment Locations Map (FCC)

\$10 million

Period of Availability: Available until expended
Funding Mechanism: N/A

Recipients: N/A

Description: The FCC 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

Next Milestone:
TBD

Existing Program

Denali Commission Broadband Funding (Denali Commission)

\$250 K

Period of Availability: Available until expended
Funding Mechanism: Grant

Recipients: States, counties, cities and townships, special districts, federally recognized tribal governments, public higher-education institutions, public housing authorities, American 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

Next Milestone:
Notice of Funding Opportunity released March 22, 2022

Clean Energy and Power

The IIJA includes nearly \$75 billion in funding for clean energy and power infrastructure. The stated goals are to modernize the nation's power grid to reduce outages and energy costs and facilitate the expansion of clean energy. It also includes programs to improve energy efficiency in homes, schools, businesses and communities and make their energy use cleaner and more affordable.

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).

Existing Program

Power Marketing Administration Transmission Borrowing Authority (Department of Energy (DOE))

\$10 billion

Period of Availability: The obligation of additional borrowing authority shall not exceed \$6 billion by FY28
Funding Mechanism: Borrowing authority for federal expenditure at discretion of Bonneville Power Administration Administrator

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

Next Milestone:

The administrator must issue an updated financial plan by the end of FY22 (i.e., September 30, 2022)

New Program

Regional Clean Hydrogen Hubs (DOE)

\$8 billion

Period of Availability: Available until expended
Funding Mechanism: Grant

Recipients: Technology developers, industry, utilities, universities, national laboratories, engineering and construction firms, state and local governments, tribal governments, environmental groups and community-based organizations

Description: To support the development of at least four 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.

Next Milestone:

Applications for funding will open in the summer of 2022

New Program**Civil Nuclear Credit Program (DOE)****\$6 billion****Period of Availability:** Fiscal years 2022–2026**Funding Mechanism:** Credit allocation**Recipients:** Certified nuclear reactors**Description:** To establish a civil nuclear credit program for reactors that compete in a competitive electricity market**Eligible Uses:** For nuclear reactors that are projected to cease operations due to economic factors**Next Milestone:**

TBD

New Program**Program Upgrading Our Electric Grid and Ensuring Reliability and Resiliency (DOE)****\$5 billion****Period of Availability:** Available until expended**Funding Mechanism:** Cooperative agreement or grants**Recipients:** State or combination of two or more states, American Indian tribes, units of local government and/or public utility commissions**Description:** Provides 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**Next Milestone:**

Estimated application opening date in Q4 of 2022

New Program

Preventing Outages and Enhancing the Resilience of the Electric Grid Grants (DOE)

\$5 billion

Period of Availability: Available until expended

Funding Mechanism: Grant

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 wildfires or reduce the likelihood and consequences of disruptive events

Next Milestone:

Estimated application opening date in Q4 of 2022

Existing Program

Weatherization Assistance Program (DOE)

\$3.5 billion

Period of Availability: Beginning FY22
(to remain until expended)

Funding Mechanism: Formula grant

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 FY22. Up to 10 % 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 5% of the total state grant for such purposes)

Next Milestone:

Estimated first round of funds released in Q1 of 2022

New Program

Four Regional Clean Direct Air Capture Hubs (DOE)

\$3.5 billion

Period of Availability: \$700 million annually for the period of fiscal years 2022– 2026 (to remain available until expended)

Funding Mechanism: Grant or cooperative agreement

Recipients: Industry partner

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

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

Next Milestone:

Estimated application opening date in Q2 of 2022

New Program

Battery Manufacturing and Recycling Grants (DOE)

\$3.5 billion

Period of Availability: Available until expended

Funding Mechanism: Grant

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

Next Milestone:

Estimated application opening date in Q3 of 2022

New Program

Battery Materials Processing Grants (DOE)

\$3 billion

Period of Availability: \$600 million appropriated annually for fiscal years 2022–2026 (to remain available until expended)

Funding Mechanism: Grant

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 groups (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

Next Milestone:

Estimated application opening date in Q3 of 2022

New Program

Deployment of Technologies to Enhance Grid Flexibility (DOE)

\$3 billion

Period of Availability: \$600 million appropriated annually for fiscal years 2022–2026 (to remain available until expended)

Funding Mechanism: Grant

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.

Next Milestone:

Applications for the Smart Grid program are expected to be open by the end of 2022

New Program

Carbon Capture Demonstration Projects Program (DOE)

\$2.5 billion

Period of Availability: Available until expended

Funding Mechanism: Cooperative agreement

Recipients: Technology developers, industry, utilities, universities, national laboratories, engineering and construction firms, state and local governments, tribal governments, environmental groups and community-based organizations.

Description: To establish a carbon-capture technology program for the development of six 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: (A) two shall be designed to capture carbon dioxide from a natural gas electric generation facility, (B) two shall be designed to capture carbon dioxide from a coal electric generation facility and (C) two shall be designed to capture carbon dioxide from an industrial facility not purposed for electric generation.

Next Milestone:

TBD

New Program

Transmission Facilitation Program (DOE)

\$2.5 billion

Period of Availability: Available until expended

Funding Mechanism: Loan, direct financing or capacity purchase

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.

Next Milestone:
TBD

New Program

Carbon Storage Validation and Testing (DOE)

\$2.5 billion

Period of Availability: Available until expended
Funding Mechanism: Grant or cooperative agreement

Recipients: Industry partner

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.

Next Milestone:
Estimated application opening date in Q2 of 2022

Existing Program

Advanced Reactor Demonstration Program (DOE)

\$2.5 billion

Period of Availability: Available until expended
Funding Mechanism: Cooperative agreement

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)

Next Milestone:

Agreements went into effect on 2/21 and 5/21; Nuclear Regulatory Commission licensing of reactors TBD

New Program

Carbon Dioxide Transportation Infrastructure Finance and Innovation Program (DOE)

\$2.1 billion

Period of Availability: Available until expended
Funding Mechanism: Loan or grant

Recipients: State, local, public authority

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

Eligible Uses: Projects that: are large-capacity, common carrier infrastructure; have demonstrated demand for use of the infrastructure by associated projects that capture carbon dioxide from anthropogenic sources or ambient air; 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 are sited within or adjacent to existing pipelines or other linear infrastructure corridors in a manner that minimizes environmental disturbance and other siting concerns.

Next Milestone:

Estimated application opening date in Q4 of 2022

New Program

Clean Hydrogen Electrolysis Program (DOE)

\$1 billion

Period of Availability: Available until expended
Funding Mechanism: Cooperative agreement

Recipients: Industry partner

Description: To establish a research, development, demonstration, commercialization 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: To demonstrate technologies that produce clean hydrogen using electrolyzers; and to validate information on the cost, efficiency, durability and feasibility of commercial deployment

Next Milestone:

Estimated application opening date in Q2 of 2022

New Program

Energy Improvement in Rural and Remote Areas (DOE)

\$1 billion

Period of Availability: Available until expended

Funding Mechanism: Cooperative agreement

Recipients: Industry partners, utilities, national laboratories, universities, state and local governments, community-based organizations, tribal governments, and environmental groups

Description: To provide financial assistance to increase environmental protection from the impacts of energy use and improve resilience, reliability, safety and availability of energy in rural or remote areas of the United States

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 in rural or remote areas; providing or modernizing electric generation facilities; developing microgrids; and increasing energy efficiency

Next Milestone:

Applications for funding are expected to open in the fall of 2022

New Program

Carbon Capture Large-Scale Pilot Programs (DOE)

\$937 million

Period of Availability: Available until expended

Funding Mechanism: Cooperative agreement

Recipients: Technology developers, industry, utilities, universities, national laboratories, engineering and construction firms, state and local governments, tribal 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:

- 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;
- 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
- Are large enough
 - to validate scaling factors; and
 - 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.

Next Milestone:

Estimated application opening date TBD

New Program

Advanced Energy Manufacturing and Recycling Grants (DOE)

\$750 million

Period of Availability: Available until expended
Funding Mechanism: Grant

Recipients: Funds are for manufacturing firms with gross annual sales of which are less than \$100 million; that has fewer than 500 employees at the plant site of the manufacturing firm; and the annual energy bills of which total more than \$100,000 but less than \$2.5 million.

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 manufacturing facility with equipment designed to reduce greenhouse gas emissions from that facility

Next Milestone:

Estimated application opening date in Q3 of 2022

New Program

Critical Material Innovation, Efficiency, And Alternatives (DOE)

\$600 million

Period of Availability: Available until expended

Funding Mechanism: Grant

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:

- 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;
- Alternative energy technologies or alternative designs of existing energy technologies;
- Technologies or process improvements that minimize the use and content, or lead to more efficient use, of critical materials across the full supply chain;
- Innovative technologies and practices to diversify commercially viable and sustainable domestic sources of critical materials;
- Technologies, process improvements or design optimizations that facilitate the recycling of critical materials;
- Advanced critical material extraction, production, separation, alloying or processing technologies that decrease the energy consumption, environmental impact and costs of those activities;
- Commercial markets, advanced storage methods, energy applications and other beneficial uses of critical materials; and
- Advanced theoretical, computational and experimental tools necessary to support the cross-cutting research and development needs of diverse critical-minerals stakeholders.

Next Milestone:

Estimated application opening date TBD

Existing Program**Rehabilitation of High Hazard Potential Dams (Department of Homeland Security (DHS))****\$585 million****Period of Availability:** Available until expended**Funding Mechanism:** Grant**Recipients:** States

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.

Next Milestone:

Estimated application opening date TBD

New Program**Hydroelectric Incentives (DOE)****\$553.6 million****Period of Availability:** Available until expended**Funding Mechanism:** Incentive payments**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: Improving grid resiliency; improving dam safety to ensure acceptable performance under all loading conditions (including static, hydrologic and seismic conditions); and environmental improvements

Next Milestone:

Estimated application opening date TBD

New Program

Energy Efficiency and Conservation Block Grant Program (DOE)

\$550 million

Period of Availability: Available until expended
Funding Mechanism: Block and competitive grants

Recipients: States, local governments, tribes

Description: To assist states, local governments and American Indian tribes to reduce energy use, reduce fossil fuel emissions and improve energy efficiency

Eligible Uses:

- Development and implementation of an energy efficiency and conservation strategy
- Retaining technical consultant services to assist the eligible entity in the development of such a strategy, including:
 - Conducting residential and commercial building energy audits;
 - Establishing financial incentive programs for energy efficiency improvements;
 - Providing grants to nonprofit organizations and governmental agencies for the purpose of performing energy-efficiency retrofits;
 - Developing and implementing energy-efficiency and conservation programs for buildings and facilities within the jurisdiction of the eligible entity;
 - Development and implementation of programs to conserve energy used in transportation;
 - Development and implementation of building codes and inspection services to promote building energy efficiency;
 - Application and implementation of energy distribution technologies that significantly increase energy efficiency;
 - 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
- 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
- Replacement of traffic signals and street lighting with energy-efficient lighting technologies
- Development, implementation and installation on or in any government building of the eligible entity of on-site renewable energy technology that generates electricity from renewable resources

- 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 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

Next Milestone:

The first funding opportunity is expected for release in the fall of 2022

New Program**Clean Hydrogen Manufacturing Recycling (DOE)**

\$500 million

Period of Availability: Available until expended
Funding Mechanism: Grants, contracts, cooperative agreements, and any other agreements authorized under this Act or other federal law

Recipients: Industry partner

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

Eligible Uses: Increasing the efficiency and cost-effectiveness of recovering raw materials from clean hydrogen technology components and systems; minimizing environmental impacts from the recovery and disposal processes; addressing any barriers to the research, development, demonstration and commercialization of technologies and processes for disassembly and recycling; developing alternative materials, designs, manufacturing processes and other aspects of clean hydrogen technologies; 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 developing strategies to increase consumer acceptance of, and participation in, the recycling of fuel cells.

Next Milestone:

Estimated application opening date in Q2 of 2022

New Program

Energy Efficiency and Renewable Energy Improvements at Public School Facilities (DOE)

\$500 million

Period of Availability: Available until expended
Funding Mechanism: Grant

Recipients: Consortium of one local education agency and one or more schools, nonprofits, 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, etc.), ventilation, renewable energy, alternative vehicles and alternative fuel vehicle infrastructure improvements

Next Milestone:

An official Request for Information is expected to be published in March 2022. The opportunity to apply for funding is expected to be open in the fall of 2022.

New Program

Industrial Emission Demonstration Projects (DOE)

\$500 million

Period of Availability: Available until expended
Funding Mechanism: Cooperative agreement

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

- 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;
- Achieve emissions reduction in medium- and high-temperature heat generation;
- Achieve emissions reduction in chemical production processes, including by incorporating, if appropriate and practicable, principles, practices and methodologies of sustainable chemistry and engineering;
- 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;

- Leverage the principles of sustainable manufacturing to minimize the potential negative environmental impacts of manufacturing while conserving energy and resources; and
- Increase the energy efficiency of industrial processes.

Next Milestone:

Estimated application opening date in Q2 of 2022

Existing Program

State Energy Program (DOE)

\$500 million

Period of Availability: Available until expended
Funding Mechanism: Formula grant

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

Next Milestone:

Estimated first round of funds released in Q2 of 2022

Existing Program

Purchase of Power and Transmission Services (DOE)

\$500 million

Period of Availability: Available until expended
Funding Mechanism: Federal expenditure at discretion of Western Area Power Administration administrator

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

Next Milestone:
TBD

New Program

Industrial Research and Assessment Center Implementation Grants (DOE)

\$400 million

Period of Availability: Available until expended
Funding Mechanism: Grant

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 or Combined Heat and Power Technical Assistance Partnership

Eligible Uses: For eligible small- and medium-sized manufacturers to improve energy efficiency, material efficiency, cybersecurity or productivity, or reduce waste production, greenhouse gas emissions or non-greenhouse gas pollution

Next Milestone:
Estimated application opening date in Q4 of 2022

New Program

Energy Storage Demonstration Pilot Grant Program (DOE)

\$355 million

Period of Availability: Available until expended
Funding Mechanism: Grant or cooperative agreement

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 three energy storage system demonstration projects

Eligible Uses:

- To improve the security of critical infrastructure and emergency response systems
- To improve the reliability of transmission and distribution systems, particularly in rural areas, including high-energy-cost rural areas
- 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
- To supply energy at peak periods of demand on the electric grid or during periods of significant variation of electric grid supply
- To reduce peak loads of homes and businesses
- To improve and advance power conversion systems
- To provide ancillary services for grid stability and management
- To integrate renewable energy resource production
- To increase the feasibility of microgrids (grid-connected or islanded mode)
- To enable the use of stored energy in forms other than electricity to support the natural gas system and other industrial processes
- To integrate fast charging of electric vehicles
- To improve energy efficiency

Next Milestone:

Estimated application opening date in Q3 of 2022

Existing Program**Earth Mapping Resources Initiative (DOE)**

\$320 million

Period of Availability: Funding available until expended for total amount, but portions of the total are allocated to specific fiscal years, each with a different period of availability

Funding Mechanism: Cooperative agreement, direct federal spending

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 legacy mine wastes

Eligible Uses: Cooperative agreements or contracts for mapping and data

Next Milestone:

TBD

New Program

Carbon Utilization Program (DOE)

\$310 million

Period of Availability: Available until expended

Funding Mechanism: Grant

Recipients: State, local, public utility

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 use or are derived from anthropogenic carbon oxides; and demonstrate significant net reductions in lifecycle greenhouse gas emissions compared to incumbent technologies, processes and products.

Next Milestone:

Estimated application opening date, Q4 of 2022

New Program

Energy Efficiency Revolving Loan Fund Capitalization Grant Program (DOE)

\$250 million

Period of Availability: Available until expended

Funding Mechanism: Formula Grant

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

Next Milestone:

TBD

Existing Program**Assisting Federal Facilities with Conservation Technologies (DOE)****\$250 million****Period of Availability:** Available until expended
Funding Mechanism: Grant**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**Next Milestone:**

Estimated application will open before the end of 2022

New Program**Building Codes Implementation for Efficiency and Resilience (DOE)****\$225 million****Period of Availability:** Available until expended
Funding Mechanism: Grant**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).**Next Milestone:**

Applications for funding are expected to be open by the end of 2022

Existing Program

Energy and Minerals Research Facility (Dept. of the Interior)

\$167 million

Period of Availability: Available until expended
Funding Mechanism: Cooperative agreement, direct federal spending

Recipients: State academic institutions

Description: This program is 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 providing 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

Next Milestone:

More information forthcoming

Existing Program

Industrial Research and Assessment Centers (DOE)

\$150 million

Period of Availability: Available until expended
Funding Mechanism: Grant

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 manufacturer 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
 - smart manufacturing;
 - energy management systems;
 - sustainable manufacturing;

- 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

Next Milestone:

Applications for funding are expected to be open by the end of 2022

New Program

Long-Duration Energy Storage Demonstration Initiative and Joint Program (DOE)

\$150 million

Period of Availability: Available until expended
Funding Mechanism: Cooperative agreement or other (TBD)

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 developing long-duration energy storage technologies

Eligible Uses: Projects that demonstrate promising long-duration energy storage technologies at different scales; and help new, innovative long-duration energy storage technologies become commercially viable

Next Milestone:

Estimated application opening date, Q3 of 2022

Existing Program

National Dam Safety Program (DHS)

\$148 million

(plus \$67 million for program operations)

Period of Availability: Available until expended

Funding Mechanism: Grant, direct federal spending

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 reduce risks to life and property associated with dams; increase awareness of the risks associated with dams and the benefit of state dam safety programs; and 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.

Next Milestone:

TBD

New Program

Rare Earth Elements Demonstration Facility (DOE)

\$140 million

Period of Availability: Available until expended

Funding Mechanism: Grant

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 provide environmental benefits through use of feedstock derived from acid mine drainage, mine waste or other deleterious material; separate mixed rare earth oxides into pure oxides of each rare earth element; refine rare earth oxides into rare earth metals; and provide for separation of rare earth oxides and refining into rare earth metals at a single site.

Next Milestone:

Estimated application opening date, Q4 of 2022

New Program

Rare Earth Security Activities (DOE)

\$127 million

Period of Availability: Available until expended

Funding Mechanism: Grant

Recipients: Industry partner

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

Eligible Uses: 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 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

Next Milestone:

Estimated application opening date, Q1 of 2023

Existing Program

Hydroelectric Production Incentives (DOE)

\$125 million

Period of Availability: Available until expended

Funding Mechanism: Direct subsidy

Recipients: Non-federal owners of qualified hydroelectric facilities

Description: To provide incentives for the operation of hydroelectric facilities

Eligible Uses: Incentives for hydroelectric facilities added to an existing dam or conduit which the DOE determines is eligible

Next Milestone:

Estimated application opening date, 2022

New Program

Battery and Critical Mineral Recycling (DOE)

\$125 million

Period of Availability: Available until expended
Funding Mechanism: Grants

Recipients: (A) institutions of higher education, (B) national laboratories, (C) Federal research agencies, (D) state research agencies, (E) nonprofit organizations, (F) industrial entities, (G) manufacturing entities, (H) private battery collection entities, (I) entities operating one or more battery recycling activities, (J) state or municipal government entities, (K) battery producers, (L) battery retailers, or (M) a consortium of two or more entities described in clauses (A) through (L).

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.

Next Milestone:

Estimated application opening date, Q4 of 2022

Existing Program**Watershed Rehabilitation Program (Agricultural)****\$118 million****Period of Availability:** Available until expended**Funding Mechanism:** Technical and financial assistance

Recipients: Local sponsor or legal subdivision of state or tribal government; eligible sponsors include cities, counties, towns, conservation districts or any federally recognized American Indian 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

Next Milestone:

Estimated application opening date in Q1 of 2022

New Program**Front-End Engineering and Design Program Out Activities Under Carbon Capture Tech Program 962 Of EPA (DOE)****\$100 million****Period of Availability:** Available until expended**Funding Mechanism:** Cooperative agreement

Recipients: Industry partner

Description: Expands the DOE'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: Research and development; large-scale pilot projects; demonstration projects; a front-end engineering and design program; and a front-end engineering and design program for carbon dioxide transport infrastructure necessary to enable deployment of carbon capture, utilization and storage technologies

Next Milestone:

Estimated application opening date, Q2 of 2022

New Program

Commercial Direct Air Capture Technology Prize Competition (DOE)

\$100 million

Period of Availability: Available until expended
Funding Mechanism: Prize

Recipients: Industry partner

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

Eligible Uses: Projects that demonstrate the technical and commercial viability of technologies to reduce carbon dioxide emissions released from coal- and natural gas-powered electric generation facilities for commercial deployment.

Next Milestone:

Estimated application opening date, Q4 of 2022

New Program

Geothermal Research & Development (DOE)

\$84 million

Period of Availability: Available until expended
Funding Mechanism: Cooperative agreement

Recipients: National laboratories, institutes of higher education, multi-institutional collaborations

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

Eligible Uses: Eligible uses include: reservoir stimulation; drilled, non-stimulated reservoir technologies; reservoir characterization, monitoring, and modeling and understanding of the surface area and volume of fractures; stress and fracture mapping, including real-time monitoring and modeling; tracer development; three- and four-dimensional seismic imaging and tomography; well placement and orientation; long-term reservoir management; drilling technologies, methods and tools; improved exploration tools; zonal isolation; and understanding induced seismicity risks from reservoir engineering and stimulation.

Next Milestone:

Estimated application opening date, Q2 of 2022

New Program

Section 243 Hydroelectric Efficiency Improvement Incentives (DOE)

\$75 million

Period of Availability: Available until expended

Funding Mechanism: Direct subsidy

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%

Next Milestone:

Estimated application opening date TBD

New Program

Critical Material Supply Chain Research Facility (DOE)

\$75 million

Period of Availability: Available until expended

Funding Mechanism: Contract

Recipients: Industry partner

Description: To support construction of a critical materials supply chain research facility

Eligible Uses: Further enable research, development, demonstration and commercialization activities throughout the supply chain for critical materials; and provide an integrated, rapidly reconfigurable research platform

Next Milestone:

Estimated application opening date, Q4 of 2022

New Program

Marine Energy Research, Development, and Demonstration (DOE)

\$70 million

Period of Availability: Available until expended
Funding Mechanism: Cooperative agreement

Recipients: Industry partners and national laboratories

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

Eligible Uses:

- Assist technology development to improve the components, processes and systems used for power generation from marine energy resources at a variety of scales;
- Establish and expand critical testing infrastructure and facilities necessary to
 - Demonstrate and prove marine energy devices at a range of scales in a manner that is cost-effective and efficient, and
 - Accelerate the technological readiness and commercial application of such devices;
- Address marine energy resource variability issues, including through the application of energy storage technologies;
- Advance efficient and reliable integration of marine energy with the electric grid, which may include smart building systems;
- Identify and study critical short-term and long-term needs for maintaining a sustainable marine energy supply chain based in the United States;
- Increase the reliability, security and resilience of marine energy technologies;
- Validate the performance, reliability, maintainability and cost of marine energy device designs and system components in an operating environment;
- 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;
- Identify opportunities for cross-cutting research, development and demonstration programs between existing energy research programs;
- Identify and improve, in conjunction with the secretary of commerce, acting through the undersecretary 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
 - Potential impacts on fisheries and other marine resources, and
 - Developing technologies, including mechanisms for self-evaluation, and other means available for improving environmental impact, including potential cumulative environmental impacts;
- 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 U.S. Coast Guard, such as remote sensing for coastal border security;

- 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;
- Support materials science as it relates to marine energy technology, such as the development of corrosive-resistant materials;
- Improve marine energy resource forecasting and general understanding of aquatic system behavior, including turbulence and extreme conditions;
- 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
 - Measuring performance of marine energy technologies, and
 - Characterizing environmental conditions;
- Enhance integration with hybrid energy systems, including desalination;
- Identify opportunities to integrate marine energy technologies into new and existing infrastructure; and
- Develop technology necessary to support the use of marine energy
 - For the generation and storage of power at sea, and
 - For the generation and storage of power to promote the resilience of coastal communities.

Next Milestone:

Estimated application opening date is TBD, 2022

Existing Program

Wind Energy Technology Program (DOE)

\$60 million



Period of Availability: Available until expended

Funding Mechanism: Cooperative agreement

Recipients: (A) institutions of higher education, (B) national laboratories, (C) Federal research agencies, (D) state research agencies, (E) research agencies associated with a territory or freely associated state, (F) tribal energy development organizations, (G) American Indian tribes, (H) tribal organizations, (I) native Hawaiian community-based organizations, (J) nonprofit research organizations, (K) industrial entities, (L) any other entity, as determined by the secretary, (M) a consortium of two 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: awarding grants and awards, on a competitive, merit-reviewed basis; performing precompetitive research and development; establishing or maintaining demonstration facilities and projects, including through stewardship of existing facilities; providing technical assistance; entering into contracts and cooperative agreements; providing small business vouchers; establishing prize competitions; conducting education and outreach activities; conducting professional development activities; and conducting analyses, studies and reports

Next Milestone:

Estimated application opening date in Q3 of 2022

New Program

Energy Efficiency Materials Pilot Program (DOE)

\$50 million

Period of Availability: Available until expended

Funding Mechanism: Cooperative agreement

Recipients: Nonprofit organizations

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

Eligible Uses: To provide nonprofits with energy efficiency materials, including roofs or lighting systems or components of the system; windows; a door, including a security door; and 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)

Next Milestone:

Estimated application opening date in Q1 of 2023

Existing Program

Solar Improvement Research and Development (DOE)

\$40 million

Period of Availability: Available until expended

Funding Mechanism: Cooperative agreement

Recipients: (A) institutions of higher education, (B) national laboratories, (C) Federal research agencies, (D) state research agencies, (E) research agencies associated with a territory or freely associated state, (F) tribal energy development organizations, (G) American Indian tribes, (H) tribal organizations, (I) native Hawaiian community-based organizations, (J) nonprofit research organizations, (K) industrial entities, (L) any other entity, as determined by the secretary, (M) a consortium of two 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 awarding grants and awards on a competitive, merit-reviewed basis; performing precompetitive research and development; establishing or maintaining demonstration facilities and projects, including through stewardship of existing facilities; providing technical assistance; entering into contracts and cooperative agreements; providing small business vouchers; establishing prize competitions; conducting education and outreach activities; conducting workforce development activities; and conducting analyses, studies and reports

Next Milestone:

Estimated application opening date in Q3 of 2022

Existing Program

National Marine Energy Centers (DOE)

\$40 million

Period of Availability: Available until expended

Funding Mechanism: Cooperative agreement

Recipients: Institutions of higher education

Description: To provide grants to institutions of higher education 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:

- Advance research, development, demonstration and commercial application of marine energy technologies in response to industry and commercial needs;
- Support in-water testing and demonstration of marine energy technologies, including facilities capable of testing
 - Marine energy systems of various technology readiness levels and scales,
 - A variety of technologies in multiple test berths at a single location,
 - Arrays of technology devices, and
 - Interconnectivity to an electrical grid, including microgrids; and
- Collect and disseminate information on best practices in all areas relating to developing and managing marine energy resources and energy systems.

Next Milestone:

Estimated application opening date is TBD, 2022

New Program

Energy Auditor Training Grant Program (DOE)

\$40 million

Period of Availability: Available until expended
Funding Mechanism: Grant

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: To cover any cost associated with individuals being trained or certified to conduct energy audits by the state, a state-certified, third-party training program; and to pay the wages of a trainee during the period in which the trainee receives training and certification

Next Milestone:

Estimated application opening date, Q2 of 2022

New Program

Wind Energy Tech Recycling Research and Development (DOE)

\$40 million

Period of Availability: Available until expended
Funding Mechanism: Cooperative agreement

Recipients: (A) institution of higher education, (B) national Laboratory, (C) federal research agency, (D) state research agency, (E) research agency associated with a territory or freely associated state, (F) tribal energy development organization, (G) tribal organization, (H) native Hawaiian community-based organization, (I) nonprofit research organization, (j) Industrial entity, (k) consortium of two or more entities described in (A) through (j).

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 wind energy technologies

Eligible Uses: Increasing the efficiency and cost-effectiveness of recovering raw materials from wind energy technology components and systems, including enabling technologies such as inverters; minimizing potential environmental impacts from the recovery and disposal processes; advancing technologies and processes for the disassembly and recycling of wind energy devices; developing alternative materials, designs, manufacturing processes and other aspects of wind energy technologies and the disassembly and resource recovery processes

that enable efficient, cost-effective and environmentally responsible disassembly of, and resource recovery from, wind energy technologies; and strategies to increase consumer acceptance of, and participation in, the recycling of wind energy technologies

Next Milestone:

Estimated application opening date, TBD

Existing Program

Hydropower Research, Development, and Demonstration (DOE)

\$36 million

Period of Availability: Available until expended
Funding Mechanism: Cooperative agreement

Recipients: Industry partners and national laboratories

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

Eligible Uses: Technologies that improve the capacity, efficiency, resilience, security, reliability, affordability and environmental impact, including potential cumulative environmental impacts, of hydropower systems

Next Milestone:

Estimated application opening date in 2022

New Program

New Solar Research & Development (DOE)

\$20 million

Period of Availability: Available until expended
Funding Mechanism: Cooperative agreement

Recipients: (A) institution of higher education, (B) national Laboratory, (C) federal research agency, (D) state research agency, (E) research agency associated with a territory or freely associated state, (F) tribal energy development organization, (G) tribal organization, (H) native Hawaiian community-based organization, (I) nonprofit research organization, (J) Industrial entity, (K) consortium of two or more entities described in (A) through (J).

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 increase efficiency and cost-effectiveness in the manufacturing process, and the use of resources, such as energy, water and critical materials; support domestic supply chains for materials and components; and identify and incorporate nonhazardous alternative materials for components and devices

Next Milestone:

Estimated application opening date, Q2 of 2023

New Program

Solar Recycling Research & Development (DOE)

\$20 million

Period of Availability: Available until expended
Funding Mechanism: Cooperative agreement

Recipients: (A) institution of higher education, (B) national Laboratory, (C) federal research agency, (D) state research agency, (E) research agency associated with a territory or freely associated state, (F) tribal energy development organization, (G) tribal organization, (H) native Hawaiian community-based organization, (I) nonprofit research organization, (j) Industrial entity, (k) consortium of two or more entities described in (A) through (j).

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: Eligible uses include:

- Increasing the efficiency and cost-effectiveness of recovering raw materials from solar energy technology components and systems, including enabling technologies such as inverters;
- Minimizing potential environmental impacts from the recovery and disposal processes;
- Advancing technologies and processes for the disassembly and recycling of solar energy devices;
- Developing alternative materials, designs, manufacturing processes and other aspects of solar energy technologies and the disassembly and resource recovery processes that enable efficient, cost-effective and environmentally responsible disassembly of, and resource recovery from, solar energy technologies; and
- Strategies to increase consumer acceptance of, and participation in, the recycling of photovoltaic devices.

Next Milestone:

Estimated application opening date, Q3 of 2022

New Program**Pre-Commercial Direct Air Capture Prize Competitions (DOE)****\$15 million****Period of Availability:** Available until expended
Funding Mechanism: Prize**Recipients:** Industry partner**Description:** Reauthorization of program to advance research, development, demonstration and commercial application of carbon-capture technologies**Eligible Uses:** Projects that demonstrate the technical and commercial viability of technologies to reduce carbon dioxide emissions released from coal- and natural gas-powered electric generation facilities for commercial deployment**Next Milestone:**

Estimated application opening date TBD

New Program**Energy Efficient Transformer Rebates (DOE)****\$10 million****Period of Availability:** Available until expended
Funding Mechanism: Rebate/grant**Recipients:** Owners of industrial or manufacturing facilities, commercial buildings or multifamily residential buildings; a utility; or an energy service company that purchased 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**Next Milestone:**

Estimated application opening date, Q2 of 2022

New Program

Pumped Storage Hydropower Wind and Solar Integration and System Reliability Initiative

\$10 million

Period of Availability: Available until expended

Funding Mechanism: Cooperative agreement

Recipients: Electric utilities, state energy offices, tribes, institutions of higher education, or a 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

- Be designed to provide not less than 1,000 megawatts of storage capacity;
- Be able to provide energy and capacity for use in more than one organized electricity market;
- Be able to store electricity generated by intermittent renewable electricity projects located on tribal land; and
- Have a preliminary permit from the Federal Energy Regulatory Commission.

Next Milestone:

Estimated application opening date TBD

New Program

Extended Product System Rebates (DOE)

\$10 million

Period of Availability: Available until expended

Funding Mechanism: Rebate/grant

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 (e.g., 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

Next Milestone:

Estimated application opening date, Q2 of 2022

New Program

Lithium-Ion Recycling Prize (DOE)

\$10 million

Period of Availability: Available until expended
Funding Mechanism: Prize

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: To increase the number of winners of Phase III of the prize competition; to increase the amount awarded to each winner of Phase III of the competition; and to carry out any other activity that is consistent with the goals of Phase III of the competition, as determined by the secretary

Next Milestone:

Estimated application opening date TBD

New Program

Career Skills Training (DOE)

\$10 million

Period of Availability: Available until expended
Funding Mechanism: Grant

Recipients: Nonprofit 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

Next Milestone:

Estimated application opening date, Q1 of 2023

Existing Program

**Capital Improvement and Maintenance for Dams
(Dept. of Agriculture [USDA])**

\$10 million

Period of Availability: Each annual tranche has a four-year period of availability

Funding Mechanism: Direct federal spending

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

Next Milestone:

Estimated application opening date, Q3 of 2022

New Program

Building, Training, and Assessment Centers (DOE)

\$10 million

Period of Availability: Available until expended

Funding Mechanism: Grant

Recipients: Institutions of higher education

Description: To provide grants to institutions of higher education to establish training and assessment centers to educate and train building technicians and engineers on implementing modern building technologies

Eligible Uses: To identify opportunities for optimizing energy efficiency and environmental performance in buildings; to promote the application of emerging concepts and technologies in commercial and institutional buildings; to train engineers, architects, building scientists, building energy permitting and enforcement officials, and building technicians in energy-efficient design and operation; to assist institutions of higher education and tribal colleges or universities in

training building technicians; 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 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

Next Milestone:

Estimated application opening date, Q2 of 2022



Electric Vehicles, Buses and Ferries

The IIJA includes an \$18.6 billion investment in electric vehicles, with the stated purpose of creating a national network of 500,000 vehicle chargers. It also includes investments to transition school buses, transit buses and passenger ferries to electric.

The funding in this section falls into five major programs: (1) National Electric Vehicle Infrastructure Formula Program (\$5 billion); (2) National Electric Vehicle Infrastructure Grant Program (\$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.

New Program

National Electric Vehicle Infrastructure Formula Program (Federal Highway Administration (FHA))

\$5 billion

Period of Availability: Available until expended
Funding Mechanism: Formula grant

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% 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; and data sharing about electric vehicle charging infrastructure to ensure the long-term success of investments

Next Milestone:

FHWA will publish program guidance within 90 days of enactment (February 13, 2022). FHWA will publish a Notice of Funding Opportunity in 2022.

New Program

Charging and Fueling Infrastructure Grants (Community Charging) (FHA)

\$1.25 billion

Period of Availability: Four years

Funding Mechanism: Competitive grant

Recipients: State or political subdivision of a state, metropolitan planning organization, local government, special-purpose district or public authority with a transportation function, American Indian tribe, U.S. 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 five years after installation), acquisition and installation of traffic control devices

Next Milestone:

FHWA will publish a Notice of Funding Opportunity in 2022.

New Program

Charging and Fueling Infrastructure Grants (Corridor Charging) (FHA)

\$1.25 billion

Period of Availability: Four years

Funding Mechanism: Competitive grant

Recipients: State or political subdivision of a state, metropolitan planning organization, local government, special-purpose district or public authority with a transportation function, American Indian tribe, U.S. 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 five years after installation), acquisition and installation of traffic control devices

Next Milestone:

FHWA will publish a Notice of Funding Opportunity in 2022.

Existing Program**Low- or No-Emission (Bus) Grants (Federal Transit Administration (FTA))****\$5.6 billion****Period of Availability:** Year of allocation plus three years
Funding Mechanism: Competitive grant**Recipients:** States, counties, cities and townships, special districts, federally recognized tribal governments**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**Next Milestone:**

Notice of Funding Opportunity expected in Q1 of 2022

New Program**Clean School Bus Program (Environmental Protection Agency (EPA))****\$5 billion****Period of Availability:** Available until expended
Funding Mechanism: Grant, rebate and contract**Recipients:** Local or state governmental entity, an eligible contractor, a nonprofit school transportation association; or an American Indian tribe**Description:** State or local governments, eligible contractors, and nonprofit school transportation associations are authorized to receive grant funds**Eligible Uses:** Fifty percent of the funds are authorized for zero-emission school buses, and 50% 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 EPA Administrator is authorized to provide funds to cover up to 100% of the costs for the replacement of buses.**Next Milestone:**

Applications for funding will be made available here later this spring.

New Program

Electric or Low-Emitting Ferry Program (FTA)

\$250 million

Period of Availability: To be determined
Funding Mechanism: Competitive grant

Recipients: TBD

(Note: \$250 million is provided through the Bipartisan Infrastructure Law in advance appropriations, and an additional \$250 million is authorized—subject to appropriation—in Division C for a total program level of \$500 million over five years.)

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

Next Milestone:

A Notice of Funding Opportunity is expected in the spring of 2022.

New Program

**Electric Drive Vehicle Battery Recycling and 2nd Life Apps
(Energy Efficiency and Renewable)**

\$200 million

Period of Availability: Available until expended
Funding Mechanism: Cooperative agreement

Recipients: (A) Institutions of higher education, (B) national laboratories, (C) nonprofit and for-profit private entities; (D) state and local governments, (E) consortia of entities described in paragraphs (A) through (D).

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

Eligible Uses: To conduct research, development, testing and evaluation of solutions to increase the rate and productivity of electric drive vehicle battery recycling; and for research, development and demonstration of projects that create innovative and practical approaches to increase the recycling and second use of electric drive vehicle batteries

Next Milestone:

Estimated application opening date in Q1 of 2022

Existing Program

Low or No Emission Vehicle Component Assessment Program (FTA)

\$26.2 million

Period of Availability: To be determined
Funding Mechanism: Cooperative agreement, contract, grant

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 vehicles; 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

Next Milestone:

Funding allocations to be announced in spring 2022



Environmental Remediation

The IIJA invests \$21 billion in environmental remediation efforts to address legacy pollution problems nationwide. The programs funded under this section are allocated primarily to agencies within the Department of the Interior as well as the EPA.

This funding falls into four broad categories: (1) abandoned mine land reclamation (\$11.3 billion); (2) orphan oil- and gas-well plugging, remediation and restoration (\$4.7 billion); (3) Superfund site cleanup (\$3.5 billion); and (4) brownfield remediation and revitalization (\$1.5 billion).

Existing Program

Abandoned Mine Reclamation Fund (Dept. of the Interior)

\$11.3 billion

Period of Availability: Funding available until expended. Available in FY22 and distributed to states and tribes on an equal annual basis over 15 years.

Funding Mechanism: Grant

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 FY35, 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.

Next Milestone:

Estimated publication date for amount of funding available to states and tribes, February 2022. Estimated application opening date in Q3 of 2022.

New Program

Orphaned Well Site Plugging, Remediation, and Restoration (Dept. of the Interior)

\$4.7 billion

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.

Recipients: Federal, state and tribal governments

Description: Funding to administer a program for plugging wells on federal lands and for issuing grants to states and tribes for state, private and tribal lands. Grants to states are available through three separate programs:

- **Initial grants:** Either \$5 million or \$25 million to each qualifying state that applies before May 14, 2022. Funding that is unobligated after one 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 that is unobligated after five 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 habitats impacted by orphaned wells and associated infrastructure, measurement and tracking of air and water pollution due to orphaned wells, identification and remediation of disproportionate health and environmental impacts of orphaned wells on communities of color, low-income communities, and tribal and Indigenous communities

Next Milestone:

Estimated date for publication of state application guidance, March 2022

Existing Program

Superfund Remedial (EPA)

\$3.5 billion

Period of Availability: Available until expended
Funding Mechanism: Contract, cooperative agreement, interagency agreements

Recipients: Industry partners, federal agencies, states, local governments, special districts, tribal governments

Description: 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: EPA enters contracts and interagency agreements to conduct work at Superfund sites. EPA can also award Superfund cooperative agreements with states, tribes or local governments to lead or support work in the Superfund program.

Next Milestone:

Ongoing

Existing Program

Brownfields Projects (EPA)

\$1.2 billion

Period of Availability: Available until expended
Funding Mechanism: Cooperative agreement

Recipients: States, counties, cities and townships, tribal governments (federally recognized), public housing authorities, American Indian housing authorities, nonprofits with 501(c)(3) status

Description: Environmental Protection Agency's Brownfields Program provides funds to prevent, inventory, assess, clean up, and reuse brownfield sites. 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.

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.

Next Milestone:

Additional competitive funding opportunities will be announced this fall.

New Program

Clean Energy Demonstration on Current and Former Mine Land (DOE)

\$500 million

Period of Availability: Available until expended
Funding Mechanism: Cooperative agreement

Recipients: Industry partners, project developers

Description: To establish a program to demonstrate the technical and economic viability of carrying out clean energy projects on current and former mine land

Eligible Uses: Projects include solar; microgrids; direct air capture; fossil-fueled electricity generation with carbon capture, utilization and sequestration; energy storage, including pumped-storage hydropower and compressed air storage; and advanced nuclear technologies.

Next Milestone:

Estimated application opening date in 2023

Existing Program

Brownfields Categorical Grants (EPA)

\$300 million

Period of Availability: Available until expended
Funding Mechanism: Cooperative agreement

Recipients: States, federally recognized tribal governments

Description: 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 the required public record described in Section V of this guidance;
- 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 program.

Next Milestone:

Estimated in Q3 of 2022

New Program

Direct Federal Spending for Revegetation of Mined Lands (Dept. of the Interior)

\$100 million

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

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 nonfederal lands

Next Milestone:

TBD

New Program

Funding to Support Orphan Well Plugging (DOE)

\$30 million

Period of Availability: Available until expended

Funding Mechanism: TBD

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 of the Interior 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.

Next Milestone:

More information will be released in the spring of 2022.

Passenger and Freight Rail

The IIJA includes roughly \$66 billion in advanced appropriations and authorizes up to \$36 billion more over the next five years for Federal Rail Administration programs. Rail funding falls into five major programs: (1) Amtrak, (2) the Federal-State Partnership for Intercity Passenger Rail Grants program, (3) the Consolidated Rail Infrastructure and Safety Improvements Grants program, (4) the Railroad Crossing Elimination Grant Program, and (5) the Restoration and Enhancement Grant Program.

Additional Resources offered by the Federal Rail Administration include the following:

- [Background on competitive grant programs](#)
- [Details on grant application process](#)
- [Background on Amtrak](#)
- [More details about IIJA rail programs](#)



Existing Program Substantially Revised

Federal-State Partnership for Intercity Passenger Rail Grants

\$36 billion



Period of Availability: Available until expended
Funding Mechanism: Competitive grant

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 American Indian tribe; or any combination of these entities

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: 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; 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; projects to expand or establish new intercity passenger rail service; and a group of related projects described previously.

The planning, environmental review and final design of an eligible project or group of projects are also eligible. Preference is given to eligible projects:

- For which Amtrak is not the sole applicant;
- That improve the financial performance, reliability or service frequency or address the state of good repair of an Amtrak route; or
- That are identified in and consistent with a corridor inventory prepared under the Corridor Identification and Development Program pursuant to section 25101.

Next Milestone:

Evaluate applications and make selections under Fiscal Year 2021 Notice of Funding Opportunity, targeting summer for announcements. Conduct stakeholder outreach regarding expanding Federal-State program and development of Northeast Corridor inventory, which must be established by November 14, 2022.

Estimated released date of FY22 funds TBD

Existing Program**Amtrak National Network Grants****\$15.75 billion****Period of Availability:** Available until expended
Funding Mechanism: Grant**Recipients:** Amtrak**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:** Acquiring new passenger-rail rolling stock to replace Amtrak's aging and obsolete passenger equipment fleet (and related facilities); bringing Amtrak-served stations into compliance with the Americans with Disabilities Act; eliminating the backlog of deferred capital work on Amtrak-owned railroad assets not located on the Northeast Corridor; and 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.**Next Milestone:**

Submit FY23 spend plan, May 2022

(Note: The \$15.75 billion is provided through the IIJA in advance appropriations. An additional \$12.65 billion is authorized—subject to appropriations—in Division B, bringing the total program funding level to \$28.4 billion over five years.)

Existing Program**Amtrak Northeast Corridor Grants****\$6 billion****Period of Availability:** Available until expended
Funding Mechanism: Grant**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 acquiring new passenger-rail rolling stock to replace Amtrak's aging and obsolete passenger equipment fleet (and related facilities); bringing Amtrak-served stations into compliance with the Americans with Disabilities Act; eliminating the backlog of deferred capital work on sole-benefit Amtrak-owned assets located on the Northeast Corridor; and 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.

Next Milestone:

Submit FY23 spend plan, May 2022

(Note: The \$6 billion is provided through the IJJA in advance appropriations. An additional \$6.6 billion is authorized—subject to appropriations—in Division B, bringing the total program funding level to \$12.6 billion over five years.)

Existing Program

Consolidated Rail Infrastructure and Safety Improvement Grants

\$5 billion

Period of Availability: Available until expended

Funding Mechanism: Competitive grant

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 and other rail carriers providing intercity rail passenger transportation; Class II/III railroads and associations that represent Class II/III railroads; rail carriers and equipment manufacturers, in partnership with at least one of the first five entities mentioned; federally recognized American Indian 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.

Next Milestone:

Finalize selections from Fiscal Year 2021 Notice of Funding Opportunity, targeting spring 2022 for announcement. Estimated released date of FY22 funds is TBD.

(Note: The \$5 billion is provided through the IJJA in advance appropriations. An additional \$5 billion is authorized—subject to appropriations—in Division B, bringing the total program funding level to \$10 billion over five years.)

New Program**Railroad Crossing Elimination Grant Program****\$3 billion****Period of Availability:** Available until expended**Funding Mechanism:** Competitive grant

Recipients: States, including the District of Columbia, Puerto Rico, and other U.S. territories and possessions; a political subdivision of a state; federally recognized American Indian tribes; a unit of local government or a group of local governments; a public port authority; a metropolitan planning organization; a group comprised of any of these entities

Description: To provide funds for the mitigation or elimination of hazards at railway/highway crossings

Eligible Uses: Grade separation or closure, including through the use of a bridge, embankment, tunnel or combination thereof; track relocation; improvement or installation of protective devices, signals, signs or other measures to improve safety related to a separation, closure or track relocation project; other means to improve the safety if related to the mobility of people and goods at highway/rail grade crossings (including technological solutions); the planning, environmental review and design of an eligible project type

Next Milestone:

Estimated released date for FY22 funds is TBD

(Note: The \$3 billion is provided through the IIJA in advance appropriations. An additional \$2.5 billion is authorized—subject to appropriations—in Division B, bringing the total program funding level to \$5.5 billion over five years.)

Existing Program**Restoration and Enhancement Grant Program****\$250 million****Period of Availability:** Available until expended**Funding Mechanism:** Competitive grant

Recipients: States, including the District of Columbia; an entity implementing an interstate compact; a public agency/publicly chartered authority established by one or more states; a political subdivision of a state; federally recognized American Indian tribes; Amtrak and other intercity passenger rail carriers; rail carriers in partnership with at least one of the foregoing entities

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

Eligible Uses: Establishing new services; additional frequencies; service extensions; offering new on-board services

Examples of eligible expenses can include train engineer staffing, fuel, train dispatching, station management and overhead.

Key Changes: New priority is given 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% of the projected net operating costs for the first year of service; 80% of the projected net operating costs for the second year of service; 70% of the projected net operating costs for the third year of service; 60% of the projected net operating costs for the fourth year of service; 50% of the projected net operating costs for the fifth year of service; and 30% of the projected net operating costs for the sixth year of service.

Next Milestone:

Estimated release date for FY22 funds remains TBD

(Note: Advance appropriated Restoration and Enhancement funding is not authorized individually, and exists as a \$250 million set-aside from the \$16 billion National Network advance appropriation; \$250 million is provided through the Bipartisan Infrastructure Law as a set-aside from the National Network advance appropriation, and an additional \$250 million is authorized, subject to appropriation, in Division B for a total program level of \$500 million over five years.)

Ports and Waterways

The IIJA includes roughly \$16.7 billion in funding to improve infrastructure at coastal ports, inland ports and waterways and land ports of entry along U.S. borders.

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); (4) and other programs (\$1.6 billion), including the America's Marine Highways program, which will receive \$25 million.

Existing Program

Army Corps of Engineers Operation and Maintenance (Department of Defense)

\$4 billion

Period of Availability: Available until expended

Funding Mechanism: Direct federal spending

Recipients: Army Corps of Engineers would use this funding to operate and maintain 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 U.S. Army Corps of Engineers. 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

Next Milestone:

The Army Corps of Engineers will issue multiple contract awards during FY22.

Existing Program

Real Property Activities (General Services Administration (GSA))

\$3.4 billion

Period of Availability: Available until expended

Funding Mechanism: Direct federal spending

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

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

Eligible Uses: Construction, acquisition, repairs and alterations for land ports of entry; projects on the U.S. Department of Homeland Security (DHS) 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; the DOT's Federal Motor Carrier Safety Administration priorities and requirements; program contingency and operational support

Next Milestone:

TBD

Existing Program

Inland Waterways Projects

\$2.5 billion

Period of Availability: Available until expended

Funding Mechanism: Direct federal

Recipients: The Army Corps of Engineers 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

Next Milestone:

The Army Corps will issue multiple contract awards during FY22

Existing Program

Port Infrastructure Development Program Grants

\$2.25 billion

Period of Availability: 10 years

Funding Mechanism: Competitive Grant

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, 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 pollutants or greenhouse gas emissions, including projects for:

- Port electrification or electrification master planning;
- Harbor craft or equipment replacements/retrofits;
- Development of port or terminal microgrids;
- Providing idling reduction infrastructure;
- Purchase of cargo-handling equipment and related infrastructure;
- Worker training to support electrification technology;
- Installation of port bunkering facilities from oceangoing vessels for fuels;
- 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;
- Other projects related to port activities, including charging infrastructure, electric rubber-tired gantry cranes and anti-idling technologies; and
- 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.”

Next Milestone:

The DOT expects to post a Notice of Funding Opportunity in February 2022.

Existing Program

Major Rehabilitation for Rivers and Harbors (Army Corps of Engineers)

\$1.5 billion

Period of Availability: Available until expended
Funding Mechanism: Direct federal

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

Next Milestone:

The Army Corps of Engineers will issue multiple contract awards during FY22

Existing Program

Construction of Ferry Boats and Ferry Terminal Facilities (FHWA)

\$912 million

Period of Availability: Available until expended
Funding Mechanism: Formula grant

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

Next Milestone:

TBD

Existing Program**Mississippi River and Tributaries (Army Corps of Engineers)****\$808 million****Period of Availability:** Available until expended
Funding Mechanism: Direct federal

Recipients: The Army Corps of Engineers 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

Next Milestone:

The Army Corps of Engineers will issue multiple contract awards during FY22.

New Program**Reduction of Truck Emissions at Port Facilities****\$400 million****Period of Availability:** Four years
Funding Mechanism: Competitive grant

Recipients: None specified

Description: The 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.

Next Milestone:

On hold, pending a full-year budget

Existing Program

Land Port of Entry Modernization (U.S. Customs and Border Protection [CBP])

\$330 million

Period of Availability: Five years

Funding Mechanism: Contract

Recipients: Private businesses

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

Eligible Uses: Operations and support—projects that support the costs incurred for the day-to-day operation and maintenance of the organization, including, but not limited to, salaries, services, supplies, utilities, rent, travel, training and transportation, as well as minor procurement, construction and improvement projects

Next Milestone:

General Services Administration’s project plan is due to Congress on February 13, 2022.

Existing Program

Major Shore, Housing, Aids to Navigation, Survey and Design (DHS)

\$158 million

Period of Availability: Five years

Funding Mechanism: Direct federal/contract

Recipients: U.S. Coast Guard

Description: Supports major procurement, construction, and improvements shore facility infrastructure and housing construction, replacement, upgrade or improvement projects; and construction and improvements to buoys and structures assisting navigation on Direct Federal/Contract for future year procurement construction, and improvements facility projects

Eligible Uses:

- **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

Next Milestone:

Detailed spend plan due to Congress on February 13, 2022

Existing Program**Major Shore, Housing, Aids to Navigation, Survey and Design (DHS)****\$131.5 million****Period of Availability:** Five years**Funding Mechanism:** Direct federal/contract**Recipients:** U.S. Coast Guard

Description: Supports major procurement, construction, and improvements shore facility infrastructure and housing construction, replacement, upgrade or improvement projects; and construction and improvements to buoys and structures assisting navigation on Federal waterways; and survey and design required for future year procurement, construction, and improvements facility projects

Eligible Uses:

- **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;
- **Seward Fast Response Cutter Crew/Family Housing:** \$13.5 million to construct 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.

Next Milestone:

Detailed spend plan due to Congress on February 13, 2022

Existing Program

Major Shore, Housing, Aids to Navigation, Survey and Design (DHS)

\$120 million

Period of Availability: Five years

Funding Mechanism: Direct federal/contract

Recipients: U.S. Coast Guard

Description: Supports major procurement, construction, and improvements shore facility infrastructure and housing construction, replacement, upgrade or improvement projects; and construction and improvements to buoys and structures assisting navigation on Federal waterways; and survey and design required for future year procurement, construction, and improvements facility projects

Eligible Uses: Construction and improvement of childcare development centers; locations and projects not specified in the bill

Next Milestone:

Detailed spend plan due to Congress on February 13, 2022

Existing Program

Land Port of Entry Modernization and Construction (CBP)

\$100 million

Period of Availability: Five years

Funding Mechanism: Contract

Recipients: Small businesses, businesses (other than small businesses)

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

Eligible Uses: Procurement, construction and improvements—provides funding for activities involving the procurement, construction or improvement of an asset to the point the asset is placed into operation

Next Milestone:

Detailed spend plan due to Congress on February 13, 2022

Existing Program**America's Marine Highway Program Grants
(Maritime Administration)****\$25 million****Period of Availability:** 10 years**Funding Mechanism:** Competitive grant**Recipients:** DOT-designated Marine Highway projects**Description:** Grants to develop and expand marine highway service options and facilitates 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-emissions equipment when available and practical.**Next Milestone:**

The DOT expects to release a Notice of Funding Opportunity in mid-February 2022.

Existing Program**Major Shore, Housing, Aids to Navigation, Survey and Design (DHS)****\$19.5 million****Period of Availability:** Five years**Funding Mechanism:** Direct federal/contract**Recipients:** U.S. Coast Guard**Description:** Supports major procurement, construction, and improvements to shore facility infrastructure and housing construction, replacement, upgrade or improvement projects; construction and improvements to buoys and structures assisting navigation on Federal waterways; and survey and design required for future year procurement, construction, and improvements facility projects**Eligible Uses:**

- **Ketchikan Maintenance Support:** \$4 million for industrial facility improvements, including 65-ton crane for fast response cutter engine change-outs and Response Boat-Medium (RB-M) drydock services;

- **Station Port Angeles Covered Moorings:** \$9.5 million to establish covered moorings to perform boat maintenance in Port Angeles, WA;
- **New London City Pier Improvements:** \$6 million to support USCGC Eagle homeport shift from Fort Trumbull to New London, CT.

Next Milestone:

TBD

Existing Program

Operations and Support (DHS)

\$5 million

Period of Availability: Five years

Funding Mechanism: Direct funding/contract

Recipients: U.S. Coast Guard

Description: Funds the Coast Guard's roles and responsibilities as the principal Federal agency in the maritime domain providing for the safety, security and stewardship of U.S. resources for the Nation

Eligible Uses: Personnel and administrative expenses necessary to execute infrastructure projects appropriated

Next Milestone:

TBD

Public Transportation

The IIJA includes roughly \$91 billion to repair and modernize public transit systems. The funding falls into two major categories: (1) reauthorization of the FTA (\$70 billion), and (2) supplemental appropriations (\$21.3 billion).

Additional resources from the FTA include the following:

- [Full list of FTA grant programs](#)
- [List of FTA-sponsored technical assistance centers](#)

Existing Program

Urbanized Area Formula Grants (FTA)

\$33.4 billion

Period of Availability: Year of allocation plus five years

Funding Mechanism: Formula grant

Recipients: States, counties, cities and townships, special districts, federally recognized tribal governments



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.

Eligible Uses: Planning, capital, operating assistance

Next Milestone:

Formula funds are apportioned to states and urbanized areas after appropriations are received.

Existing Program

State of Good Repair Grants (FTA)

\$21.6 billion

Period of Availability: Year of apportionment plus three years

Funding Mechanism: Formula grant

Recipients: States, counties, cities and townships, special districts, federally recognized tribal governments

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

Eligible Uses: Capital

Next Milestone:

Formula funds are apportioned to states and urbanized areas after appropriations are received.

Existing Program

Capital Investment Grants (FTA) – \$

\$8 billion

Period of Availability: Year of allocation to project plus three years

Funding Mechanism: Competitive grant

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.

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 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 that increase capacity, construction of infill stations, and other capacity improvement projects to increase the capacity of an existing fixed-guideway system corridor by at least 10%. Core-capacity improvement projects do not include elements to improve general station facilities or parking or acquisition of rolling stock alone.

Next Milestone:

TBD, pending full-year congressional appropriations

Expanded Program

Low or No Emission (Bus) Grants (FTA)

\$5.6 billion

Period of Availability: Year of allocation plus three years

Funding Mechanism: Grant

Recipients: States, counties, cities and townships, special districts, federally recognized tribal governments

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

Next Milestone:

Notice of Funding Opportunity expected in Q1 of 2022

Existing Program

Formula Grants for Rural Areas (FTA)

\$4.1 billion



Period of Availability: Year of apportionment plus two years.

Funding Mechanism: Formula grant

Recipients: States, counties, cities and townships, special districts, federally recognized tribal governments, nonprofits with 501(c)(3) status, nonprofits without 501(c)(3) status, private and 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

Eligible Uses: Planning, capital, operating assistance

Next Milestone:

Formula funds are apportioned to states and urbanized areas after appropriations are received

Existing Program

Bus and Bus Facilities Formula Grants (FTA)

\$3.2 billion



Period of Availability: Year of apportionment plus three years

Funding Mechanism: Formula grant

Recipients: States, counties, cities and townships, special districts, federally recognized tribal governments

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

Next Milestone:

Formula funds are apportioned to states and urbanized areas after appropriations are received

Existing Program**Enhanced Mobility of Seniors and Individuals with Disabilities (FTA)****\$2.2 billion****Period of Availability:** Year of apportionment plus two years**Funding Mechanism:** Formula grant**Recipients:** States, counties, cities and townships, special districts, federally recognized tribal governments, 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**Next Milestone:**

Formula funds are apportioned to states and urbanized areas after appropriations are received.

New Program**Ferry Service for Rural Communities (FTA)****\$2 billion****Period of Availability:** To be determined**Funding Mechanism:** Grant**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**Next Milestone:**

A Notice of Funding Opportunity is expected in the spring of 2022.

Existing Program

Bus and Bus Facilities Competitive Grants (FTA)

\$2 billion

Period of Availability: Year of allocation plus three years.

Funding Mechanism: Competitive grant

Recipients: States, counties, cities and townships, special districts, federally recognized tribal governments

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

Next Milestone:

A Notice of Funding Opportunity for the FY22 grant program is expected to be published in Q1 of 2022.

Existing Program

All Stations Accessibility Program (FTA)

\$1.75 billion

Period of Availability: To be determined

Funding Mechanism: Grant

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

Next Milestone:

Notice of Funding Opportunity expected in the spring of 2022

New Program**Rail Vehicle Replacement Grants (FTA)****\$1.5 billion****Period of Availability:** Year of apportionment plus three years**Funding Mechanism:** Competitive grant**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**Next Milestone:**

A Notice of Funding Opportunity is expected in the spring of 2022.

Existing Program**Metropolitan Transportation Program (FTA)****\$800 million****Period of Availability:** Year of Apportionment plus three years**Funding Mechanism:** Formula grant**Recipients:** States and metropolitan planning organizations**Description:** The Metropolitan Planning Program are 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 balanced and comprehensive intermodal transportation planning for the movement of people and goods in the metropolitan area.**Next Milestone:**

Formula funds are apportioned after appropriations are received

New Program

Strengthening Mobility and Revolutionizing Transportation (SMART) Grants (FTA)

\$500 million

Period of Availability: Available until expended
Funding Mechanism: Competitive Grant

Recipients: States, political subdivisions of states, tribal governments, public transit agencies or authorities, public toll authorities, metropolitan planning organizations, and groups of two or more eligible entities

Description: The Office of the Secretary’s SMART Grant Program provides supplemental funding grants to rural, midsize 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 SMART grant may be used to carry out a project that demonstrates at least one of the following:

- Coordinated automation;
- Connected vehicles;
- Intelligent, sensor-based infrastructure;
- Systems integration;
- Commerce delivery and logistics;
- Leveraged use of innovative aviation technology;
- Smart grid;
- Smart technology traffic signals.

Next Milestone:

A Notice of Funding Opportunity is expected in Q2 or Q3 of 2022.

Existing Program

Public Transportation on Indian Reservations Formula (FTA)

\$183.2 million

Period of Availability: Year of apportionment plus two years
Funding Mechanism: Formula grant

Recipients: Federally recognized American Indian tribes and Alaska Native villages

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

Eligible Uses: Planning, capital, operating assistance

Next Milestone:

Formula funds are apportioned after appropriations are received

Existing Program

Statewide Transportation Planning (FTA)

\$167 million

Period of Availability: Year of apportionment plus three years

Funding Mechanism: Formula grant

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.

Next Milestone:

Formula funds are apportioned after appropriations are received

Existing Program

Urbanized Area Passenger Ferry Program (FTA)

\$150 million

Period of Availability: Year of allocation plus five years

Funding Mechanism: Grant

Recipients: States, counties, cities and townships, special districts, federally recognized tribal governments

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

Eligible Uses: Capital

Next Milestone:

A Notice of Funding Opportunity is expected in the spring of 2022.

Existing Program

Appalachian Development Public Transportation Assistance Program (FTA)

\$137.4 million

Period of Availability: Year of apportionment plus two years

Funding Mechanism: Formula grant

Recipients: States, counties, cities and townships, special districts, federally recognized tribal governments, 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

Next Milestone:

Formula funds are apportioned after appropriations are received

Existing Program

Research, Development, Demonstration and Deployment Projects (FTA)

\$132.2 million

Period of Availability: Non-expiring, available until expended

Funding Mechanism: Cooperative agreement, contract, competitive grant

Recipients: States, counties, cities and townships, special districts, federally recognized tribal governments, public transportation providers, 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

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

Next Milestone:

TBD

Existing Program**Rural Transportation Assistance Program (FTA)****\$91.6 million****Period of Availability:** Year of apportionment plus two years**Funding Mechanism:** Formula grant**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**Next Milestone:**

Formula funds are apportioned after appropriations are received

Existing Program**Pilot Program for Transit Oriented Development (FTA)****\$68.9 million****Period of Availability:** Available until expended**Funding Mechanism:** Competitive grant**Recipients:** State or local governmental authorities that are FTA grant recipients**Description:** The Pilot Program for Transit Oriented Development Planning is a discretionary grant program that helps support 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 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.**Next Milestone:**

A Notice of Funding Opportunity is expected in the spring of 2022.

Existing Program

Public Transportation Technical Assistance and Workforce Development (FTA)

\$62 million

Period of Availability: Available until expended
Funding Mechanism: Cooperative agreement or interagency agreement

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

Eligible Uses: Workforce development, technical assistance and standards development

Next Milestone:
TBD

Existing Program

Public Transportation on Indian Reservations Competitive (FTA)

\$45.8 million

Period of Availability: Year of allocation plus two years.
Funding Mechanism: Competitive grant

Recipients: Federally recognized American Indian tribes and Alaska Native villages

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

Eligible Uses: Planning, capital, operating assistance

Next Milestone:
A Notice of Funding Opportunity is expected in Q1 of 2022.

Existing Program**Transit Cooperative Research Program (FTA)****\$34.4 million**

Period of Availability: Available until expended
Funding Mechanism: Grant or cooperative agreement

Recipients: National Academy of Sciences

Description: The Transit Cooperative Research Program (TCRP) 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**Next Milestone:**

Topic submissions to the Transit Cooperative Research Program are due March 18, 2022

Existing Program**Pilot Program for Enhanced Mobility (FTA)****\$24 million**

Period of Availability: Year of allocation plus two years
Funding Mechanism: Competitive grant

Recipients: States, counties, cities and 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**Next Milestone:**

TBD

Existing Program

National Rural Transportation Assistance Program (FTA)

\$13.7 million

Period of Availability: Year of apportionment plus two years

Funding Mechanism: Cooperative agreement

Recipients: Nonprofits with 501(c)(3) status, nonprofits without 501(c)(3) status, public higher-education 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

Next Milestone:

Not applicable

Resilience

The IIJA contains more than \$50 billion to fund programs designed to make U.S. infrastructure more resilient to climate change and cyber-attacks.

The funding under this section falls into seven major categories: (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); and (7) cybersecurity (\$1.3 billion).

New Program

PROTECT Program—Formula (Federal Highway Administration (FHA))

\$7.3 billion

Period of Availability: Four years
Funding Mechanism: Formula

Recipients: States (including District of Columbia)

Description: The PROTECT Program will support planning, resilience improvements, community resilience and evacuation routes, and at-risk coastal infrastructure.



Eligible Uses: States may use PROTECT Program funds to conduct resilience planning, strengthen and protect evacuation routes, and increase the resilience of surface transportation infrastructure from the impacts of sea-level rise, flooding, wildfires, extreme weather events and other natural disasters. Highway, transit and certain port projects are eligible.

Next Milestone:

First round of funds was apportioned in December 2021. However, funding was not distributed due to the continuing resolution.

New Program

PROTECT Grants—Discretionary (FHA)

\$1.4 billion

Period of Availability: Four years

Funding Mechanism: Competitive grant

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 a state or states). 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: Recipients may use PROTECT Program funds to conduct resilience planning, strengthen and protect evacuation routes and increase the resilience of surface transportation infrastructure from the impacts of sea-level rise, flooding, wildfires, extreme weather events and other natural disasters. Highway, transit and certain port projects are eligible.

Next Milestone:

Pending under continuing resolution

New Program

Carbon Reduction Program (Department of Transportation (DOT))

\$6.4 billion

Period of Availability: Four years

Funding Mechanism: Formula Grant

Recipients: States (including District of Columbia)

Description: The Carbon Reduction Program will provide formula grants to states to reduce transportation emissions or to develop 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.

Next Milestone:

First round of funds was apportioned in December 2021. However, funding was not distributed due to the continuing resolution.

New Program

Preventing Outages and Enhancing Resilience of the Electric Grid Grants (DOE)

\$5 billion

Period of Availability: Available until expended

Funding Mechanism: Competitive grant

Recipients: Electric grid operators, electricity storage operators, electricity generators, transmission owners and operators, distribution providers, fuel suppliers, states, tribes

Description: The program makes grants to eligible entities, states and American Indian tribes to prevent outages and enhance the resilience of the electric grid.

Eligible Uses: To carry out activities that supplement existing hardening efforts and reduce the risk of power lines causing a wildfire or reduce the likelihood and consequences of disruptive events

Next Milestone:

Estimated application opening date, Q4 of 2022

Existing Program

Flood Mitigation Assistance (National Flood Insurance Act Sec 1366) (Federal Emergency Management Agency [FEMA])

\$3.5 billion

Period of Availability: Available until expended

Funding Mechanism: Grant

Recipients: States, tribal governments, 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 focus on projects that reduce flood risks posed to repetitively flooded properties insured under the National Flood Insurance Program. FEMA is distributing FY21 Flood Mitigation Assistance funding 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

Next Milestone:

Applications for FY22 are expected to open no later than September 30, 2022

Existing Program

Coastal Storm Risk Management, Hurricane, and Storm Damage Reduction (Army Corps of Engineers)

\$2.5 billion

Period of Availability: Available until expended
Funding Mechanism: Direct federal spending

Recipients: The Army Corps of Engineers 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.

Eligible Uses: Eligible federal projects to reduce the risk of flood and storm damage along the nation's coasts, including on the Great Lakes

Next Milestone:

The Army Corps of Engineers will issue multiple contract awards during FY22.

Existing Program

Inland Flood Risk Management Projects (Army Corps of Engineers)

\$2.5 billion

Period of Availability: Available until expended

Funding Mechanism: Direct federal spending

Recipients: The Army Corps of Engineers 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.

Eligible Uses: Eligible federal projects to reduce the risk of damage from riverine flooding

Next Milestone:

The Army Corps of Engineers will issue multiple contract awards during FY22.

Existing Program

Aquatic Ecosystem Restoration Projects (Army Corps of Engineers)

\$1.9 billion

Period of Availability: Available until expended

Funding Mechanism: Direct federal spending

Recipients: In partnership with state, local and tribal governments, the Army Corps of Engineers 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

Next Milestone:

The Army Corps of Engineers will issue multiple contract awards during FY22.

New Program

State and Local Cybersecurity Grant Program (DHS)

\$1 billion

Period of Availability: Available until expended
Funding Mechanism: Grant

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 federal funds available to state, local and tribal governments to address cybersecurity risks and cybersecurity threats to information systems that they own or operate.

Eligible Uses: Develop and revise cybersecurity plans; implement elements of the cybersecurity plan (including individual projects); address imminent cybersecurity threats, as confirmed by the DHS secretary, acting through the Cybersecurity and Infrastructure Security Agency director; grants management and administration (5% maximum); any other appropriate activity determined by the DHS secretary, acting through the Cybersecurity and Infrastructure Security Agency director

Next Milestone:

Applications will likely open during Q3 of 2022.

Existing Program

Building Resilient Infrastructure and Communities (FEMA)

\$1 billion

Period of Availability: Available until expended
Funding Mechanism: Grant

Recipients: State, local, tribal and territorial governments

Description: The Building Resilient Infrastructure and Communities program makes federal funds available for hazard mitigation activities.

Eligible Uses: FEMA will provide financial assistance to eligible Building Resilient Infrastructure and Communities applicants for the following activities:

- **Capability- and capacity-building:** Activities that 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 code 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;
- **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% of the total amount of the grant award, of which not more than 10% of the total award amount may be used by the recipient and 5% by the subrecipient for such costs generally.

Next Milestone:

Applications for FY22 are expected to open no later than September 30, 2022.

Existing Program

Wildfire Management—Fuels Management (Dept. of the Interior)

\$878 million

Period of Availability: Funding available until expended (but portions made available by fiscal year)

Funding Mechanism: Direct federal spending, interagency agreement(s), cooperative agreement(s) and contract(s)

Recipients: Federal agencies, state agencies, tribal governments and businesses

Description: This program is 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.

Next Milestone:

Estimated application opening date in Q2 of 2022

Existing Program

Reforestation Trust Fund (Replant Act) (Department of Agricultural (USDA)

\$528 million

Period of Availability: Available until expended
Funding Mechanism: Direct federal spending

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.

Eligible Uses: The funds are used to reduce the backlog in reforestation and timber stand improvement work.

Next Milestone:

Estimated application opening date in Q2 of 2022

Existing Program

Hazardous Fuels Management (USDA)

\$514 million

Period of Availability: Available until expended
Funding Mechanism: Direct federal spending

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.

Eligible Uses: Projects that mitigate wildfire risk on hazardous fuels in high-priority and high-risk areas around the nation

Next Milestone:

Estimated application opening date in Q3 of 2022

New Program**Community Wildfire Defense Grants for At-Risk Communities (USDA)****\$1 billion****Period of Availability:** Each annual \$100 million tranche has a four-year period of availability.**Funding Mechanism:** Grant**Recipients:** Private forest owners, communities at risk from wildfire, tribal communities, state forestry agencies and other nonprofit organizations**Description:** This program provide grants to communities at risk from wildfire to develop or revise their community wildfire protection plans and carry out projects described in those plans. It will include a mix of formula and competitive funds.**Eligible Uses:** Under development**Next Milestone:**

Applications are expected to open early in 2023

New Program**Hazard Mitigation Revolving Loan Funds/Safeguarding Tomorrow through Ongoing Risk Mitigation (STORM) Act (DHS)****\$500 million****Period of Availability:** Available until expended
Funding Mechanism: Grants**Recipients:** A state or American Indian tribal government that has received a major disaster declaration during the five-year period ending on the date of enactment of the STORM Act**Description:** This program provides capitalization grants to state and eligible tribal governments for establishing revolving loan funds to provide hazard mitigation assistance to local governments.**Eligible Uses:** Provide hazard mitigation assistance to local governments**Next Milestone:**

TBD

Existing Program

Watershed and Flood Prevention Operations (USDA)

\$500 million

Period of Availability: Available until expended
Funding Mechanism: Technical and financial assistance

Recipients: Recipients include local sponsor or legal subdivision of state or tribal government. Eligible sponsors include cities, counties, towns, conservation districts, or any federally recognized American Indian 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

Next Milestone:

Estimated application opening date in Q1 of 2022

Existing Program

Flood and Inundation Mapping and Forecasting, Water Modeling, and Precipitation Studies (NOAA)

\$492 million

Period of Availability: Four year
Funding Mechanism: Various

Recipients: States, counties, cities and townships, special districts, tribal governments (federally recognized), tribal governments (other than federally recognized), public higher-education institutions, private higher-education 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

Next Milestone:

Estimated application opening date in Q2 of 2022

Existing Program**National Oceans and Coastal Security Fund (NOAA)****\$492 million****Period of Availability:** Two years for each annual tranche**Funding Mechanism:** Grant

Recipients: Nonprofit 501(C) organizations, state and territorial government agencies, local governments, municipal governments, tribal governments and organizations, educational institutions, or commercial (for-profit) organizations

Description: Established by the National Fish and Wildlife Foundation and NOAA in 2018, the National Coastal Resilience Fund (NCRF) 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 and minimize the impacts of storms and other naturally occurring events on nearby communities.

Eligible Uses: Geographically, the NCRF 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 NCRF to provide increased support for communities that are most vulnerable to climate impacts, including those who have been historically disadvantaged.

Next Milestone:

Estimated application opening date in Q2 of 2022

Existing Program**Habitat Restoration (NOAA)****\$491 million****Period of Availability:** Two years for each annual tranche**Funding Mechanism:** Grant

Recipients: Nonprofit 501(c) organizations, state and territorial government agencies, local governments, municipal governments, tribal governments and organizations, educational institutions, or commercial (for-profit) organizations

Description: NOAA's Office of Habitat Conservation protects and restores habitats to sustain fisheries, recover protected species and maintain resilient coastal ecosystems and communities.

Eligible Uses: 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.

Next Milestone:

Estimated application opening date in Q2 of 2022

Existing Program

Federal Wildland Firefighter Salaries and Expenses (USDA)

\$480 million

Period of Availability: Available until expended

Funding Mechanism: Direct federal spending

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 increase the base salary of a Federal wildland firefighters.

Eligible Uses: For firefighters that are located within a specified geographic area where it is difficult to recruit or retain federal wildland firefighters

Next Milestone:

Estimated application opening date in Q3 of 2022

Existing Program

Continuing Authorities Program (Flood Control Act and River and Harbor Act) (Army Corps of Engineers)

\$465 million

Period of Availability: Available until expended

Funding Mechanism: Direct federal spending

Recipients: The Army Corps of Engineers will use this funding to plan, design and construct small water resources projects.

Description: Program funds are designed 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

Next Milestone:

The Army Corps of Engineers will issue multiple contract awards during FY22.

Existing Program

Hazardous Fuels (Mechanical Thinning and Timber Harvesting; Precommercial Thinning in Young Growth) (USDA)

\$400 million

Period of Availability: Available until expended
Funding Mechanism: Direct federal spending

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

Next Milestone:

Estimated application opening date in Q3 of 2022

New Program

Grants for States and Tribes for Voluntary Restoration (Dept. of the Interior)

\$400 million

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: Grant

Recipients: States, U.S. territories, American Indian tribes

Description: This program supports voluntary restoration projects on private or public lands.

Eligible Uses: For implementing voluntary restoration projects on private or public lands

Next Milestone:

TBD

Existing Program

Financial Assistance to Facilities that Purchase and Process Byproducts for Ecosystem Restoration Projects (USDA)

\$400 million

Period of Availability: Available until expended
Funding Mechanism: Grant

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.

Next Milestone:

Estimated application opening date in Q3 of 2022

Existing Program

Interior Wildfire Management—Burned Area Rehabilitation (Dept. of the Interior)

\$325 million

Period of Availability: Funding available until expended (but portions made available by fiscal year)
Funding Mechanism: Direct federal spending, interagency agreement(s), cooperative agreement(s), contract(s)

Recipients: Federal agencies, tribal governments, and businesses

Description: To mitigate the damaging effects of wildfires and set landscapes on a path toward natural recovery and climate resilience through post-fire restoration and rehabilitation activities

Next Milestone:

Estimated application opening date in Q2 of 2022

Existing Program

Emergency Watershed Protection Program (USDA)

\$300 million

Period of Availability: Available until expended
Funding Mechanism: Technical and financial assistance

Recipients: Local sponsor 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: The Emergency Watershed Protection Program 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 and technically sound manner

Next Milestone:

Estimated application opening date in Q1 of 2022

Existing Program

Colorado River Drought Contingency Plan (Dept. of the Interior)

\$300 million

Period of Availability: Available until expended
Funding Mechanism: Financial assistance

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 Drought Contingency Plan 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: For use in accordance with the Drought Contingency Plan for the Upper Colorado River Basin

Next Milestone:
TBD

Existing Program

**Flood Control and Coastal Emergencies
(Army Corps of Engineers)**

\$251 million

Period of Availability: Available until expended
Funding Mechanism: Direct federal spending

Recipients: The Army Corps of Engineers will use this funding to prepare for, respond to, and help in the recovery following a flood, hurricane or other natural disaster.

Description: This program funds Corps of Engineers' preparedness measures; certain Corps of Engineers' 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

Next Milestone:
TBD

Existing Program

Legacy Road and Trail Remediation Program (USDA)

\$250 million

Period of Availability: Each annual tranche has a four-year period of availability
Funding Mechanism: Direct federal spending

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

Next Milestone:

Estimated application opening date in Q3 of 2022

Existing Program

Prescribed Fires (USDA)

\$250 million

Period of Availability: Available until expended

Funding Mechanism: Direct federal spending

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

Next Milestone:

Estimated application opening date in Q3 of 2022

Existing Program

Fuel Breaks (USDA)

\$250 million

Period of Availability: Available until expended

Funding Mechanism: Direct federal spending

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

Next Milestone:

Estimated application opening date in Q3 of 2022

New Program

Activities under Cybersecurity for the Energy Sector Research, Development, And Demonstration Program (DOE)

\$250 million

Period of Availability: Available until expended

Funding Mechanism: Cooperative agreement, contract, DOE Solar Energy Technologies Office lab calls

Recipients: Utilities, national laboratories, manufacturers and vendors

Description: This program supports development and deployment of advanced cyber applications, technologies and threat collaboration efforts with the U.S. energy sector.

Eligible Uses: NA

Next Milestone:

Estimated application opening date in Q3 of 2022

New Program

Rural/Municipal Utility Advances Cybersecurity Grant and Technical Assistance (DOE)

\$250 million

Period of Availability: Available until expended

Funding Mechanism: Grant, cooperative agreement, contract

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: To deploy advanced cybersecurity technologies for electric utility systems, and to increase the participation of eligible entities in cybersecurity threat information sharing programs

Next Milestone:

Estimated application opening date in Q4 of 2022

New Program

**Aquatic Ecosystem Restoration and Protection Projects
(Dept. of the Interior)**

\$250 million

Period of Availability: Available until expended
Funding Mechanism: Grant, direct federal spending

Recipients: Open

Description: The Aquatic Ecosystem Restoration program is currently under development. This funding will support projects that design, study and construct aquatic ecosystem restoration and protection projects to improve habitat, including restoration.

Next Milestone:

Estimated application opening date in Q3 of 2022

Existing Program

**Interior Wildfire Management—Preparedness
(Department of the Interior)**

\$245 million

Period of Availability: Funding available until expended (but portions made available by fiscal year)
Funding Mechanism: Direct federal spending, interagency agreement(s), cooperative agreement(s) and/or grant(s); possibly contract(s)

Recipients: Federal agencies, state agencies, counties, cities and 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 qualification, and planning our wildland fire response ahead of time.

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 American youth, to accelerate the pace and scale of hazardous fuels treatments; and provide financial assistance to local governments to purchase slip-on tanker units to ready trucks for firefighting

Next Milestone:

Estimated application opening date in Q2 of 2022

Existing Program

Emergency Preparedness Grants (DOT)

\$234 million

Period of Availability: Available until expended

Funding Mechanism: Competitive Grant

Recipients: States, counties, territories, tribes, cities and townships, businesses (nonprofit), emergency response organizations, and hazardous materials enforcement organizations

Description: The Hazardous Materials Grants Program is comprised of the following grants: Materials Emergency Preparedness; Assistance for Local Emergency Response Training; Hazardous Materials Instructor Training; and Supplemental Public Sector 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

Next Milestone:

A Notice of Funding Opportunity will be issued in February 2022 with awards made in August 2022.

Existing Program

Burned Area Recovery (USDA)

\$325 million

Period of Availability: Available until expended

Funding Mechanism: Direct federal spending

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

Next Milestone:

Estimated application opening date in Q3 of 2022

Existing Program

Coastal Zone Management (NOAA)

\$207 million

Period of Availability: Two years for each annual tranche

Funding Mechanism: Grant

Recipients: States (includes District of Columbia, public institutions of higher education and hospitals); U.S. territories and possessions (includes institutions of higher education and hospitals); Any Coastal State

Description: National Oceanic and Atmospheric Administration's Office for Coastal Management will implement these funds through Coastal Zone Management competitive and noncompetitive grants with the purpose of restoring and protecting 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 including storms, flooding, inundation, erosion, tsunamis, sea-level rise and lake-level changes.

Next Milestone:

Estimated application opening date in Q2 of 2022

Existing Program

Ecosystem—Fish Passage (Dept. of the Interior)

\$200 million

Period of Availability: Available until expended

Funding Mechanism: Grant, direct federal spending

Recipients: Open

Description: This program helps with 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.

Next Milestone:

TBD

Existing Program

**Water-Related Environmental Infrastructure Assistance
(Army Corps of Engineers)**

\$200 million

Period of Availability: Available until expended

Funding Mechanism: Direct federal spending

Recipients: In partnership with state, local, and tribal governments, the Army Corps of Engineers would use funding to construct federally authorized environmental infrastructure projects.

Description: This 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

Next Milestone:

The Army Corps of Engineers will issue multiple contract awards during FY22.

Existing Program

Joint Chiefs Landscape Restoration Partnership Program (USDA)

\$180 million

Period of Availability: Available until expended

Funding Mechanism: Direct federal spending

Recipients: Forest Service

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.

Eligible Uses: Projects that mitigate wildfire risk, improve water quality and restore healthy forest ecosystems on public and private lands

Next Milestone:

TBD

Existing Program

Ecosystem—Klamath Basin (Dept. of the Interior)

\$162 million

Period of Availability: Available until expended
Funding Mechanism: Cooperative agreement, direct federal spending

Recipients: Open

Description: Funds from this program 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.

Eligible Uses: Funds will be distributed through a combination of competitive contracts, tribal grants and other grants, and cooperative agreements.

Next Milestone:

Estimated application opening date, July 2022

Existing Program

Regulatory Program (Army Corps of Engineers)

\$160 million

Period of Availability: 2022–2026
Funding Mechanism: Direct federal spending

Recipients: Army Corps of Engineers 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.

Eligible Uses: Labor and related expenses for Army Corps staff

Next Milestone:

Not applicable (ongoing program operations)

Existing Program

Restoration Projects via States and Tribes (USDA)

\$160 million

Period of Availability: Available until expended

Funding Mechanism: Grant

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.

Next Milestone:

Estimated application opening date in Q3 of 2022

Existing Program

Ecological Health Restoration Contracts (USDA)

\$150 million

Period of Availability: Available until expended

Funding Mechanism: Direct federal spending

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.

Next Milestone:

Estimated application opening date in Q3 of 2022

New Program**Tribal Climate Resilience—Community Relocation
(Dept. of the Interior)****\$130 million****Period of Availability:** Available until expended**Funding Mechanism:** Contract/compact**Recipients:** Federally recognized tribal governments**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 at-risk resources. 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.**Next Milestone:**

Announcement of funding opportunity in Q3 of 2022

Existing Program**Capital Improvement and Maintenance—Construction and Maintenance of Roads for Forest Restoration Projects that Reduce Wildfire Risk (USDA)****\$100 million****Period of Availability:** Each annual tranche has a four-year period of availability**Funding Mechanism:** Direct federal spending**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

Next Milestone:

Estimated application opening date in Q3 of 2022

Existing Program

Pollution Prevention Grants (EPA)

\$100 million

Period of Availability: Available until expended

Funding Mechanism: Grant

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 is 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).

Next Milestone:

Available in Q1 of 2022

Existing Program

Collaborative Forest Landscape Restoration Program (USDA)

\$100 million

Period of Availability: Available until expended

Funding Mechanism: Direct federal spending

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.

Next Milestone:

Estimated application opening date in Q3 of 2022

Existing Program

Restore Native Vegetation on Federal/Nonfederal Land (USDA)

\$100 million

Period of Availability: Available until expended

Funding Mechanism: Direct federal spending

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

Next Milestone:

Estimated application opening date in Q3 of 2022

Existing Program

Removal of Vegetation for Biochar and Innovative Wood Products (USDA)

\$100 million

Period of Availability: Available until expended

Funding Mechanism: Direct federal spending

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.

Next Milestone:

Estimated application opening date in Q3 of 2022.

Existing Program

Post-Fire Restoration (USDA)

\$100 million

Period of Availability: Available until expended

Funding Mechanism: Direct federal spending

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 that have been severely burned by wildland fire

Next Milestone:

Estimated application opening date in Q3 of 2022

Existing Program

Forest Health Management on Federal Lands Program and Forest Health Management on Cooperative Lands Program (USDA)

\$100 million

Period of Availability: Each annual \$20 million tranche has a four-year period of availability

Funding Mechanism: Direct federal spending and non-federal grants

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.

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 healthy forests
- 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 U.S. forests

Next Milestone:

Estimated application opening date in Q4 of 2022

New Program**Working Capital Fund (Dept. of the Interior)**

\$100 million

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

Recipients: Federal, state, local, tribal, nongovernmental organization

Description: Working capital fund in support of contracts to restore ecological health on federal lands

Eligible Uses: For use by Department of the Interior or USDA for contracts to restore ecological health on Federal lands

Next Milestone:

TBD

New Program

Direct Federal Spending for Invasives (Dept. of the Interior)

\$100 million

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

Recipients: States, tribal governments

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 federal and nonfederal lands

Next Milestone:

The estimated application opening date is TBD

Existing Program

Ocean and Coastal Observing Systems (NOAA)

\$100 million

Period of Availability: Two years for each annual tranche

Funding Mechanism: Various

Recipients: States, counties, cities and townships, special districts, tribal governments (federally recognized), tribal governments (other than federally recognized), independent school districts, public higher-education institutions, private higher-education institutions, nonprofits

Description: Many of 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.

Next Milestone:

Estimated application opening date in Q2 of 2022

New Program

**Multi-Benefit Projects to Improve Watershed Health
(Dept. of the Interior)**

\$100 million

Period of Availability: Available until expended

Funding Mechanism: Financial assistance

Recipients: Open

Description: Implementation of this new authority is for funding of multi-benefit habitat projects to improve watershed health is currently under development.

Eligible Uses: This funding will be allocated to projects that support habitat restoration and watershed health in basins.

Next Milestone:

Estimated application opening date, May 2022

New Program

Cyber Response and Recovery Fund (DHA)

\$100 million

Period of Availability: Five years

Funding Mechanism: Contract, grant, cooperative agreement

Recipients: Federal, state, local, tribal, 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 Stafford Act which also establishes a fund (the Cyber Response and Recovery Fund) for the Cybersecurity and Infrastructure Security Agency to tap into if a significant cyber incident occurs 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

Next Milestone:

Funding is triggered by the secretary's determination of a significant incident

Existing Program

State Fire Assistance (USDA)

\$88 million

Period of Availability: Each annual \$17.6 million tranche has a four-year period of availability
Funding Mechanism: Grant, financial assistance, technical assistance

Recipients: Community and state governments; 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 nonfederal lands. The program helps state agencies create more fire-adapted communities by implementing pre-fire prevention and mitigation programs and emphasizing prefire 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

Next Milestone:

Estimated application opening date in Q4 of 2022

Existing Program

Tribal Climate Resilience—Adaptation Planning (Dept. of the Interior)

\$86 million

Period of Availability: Available until expended
Funding Mechanism: Contract/compact

Recipients: Federally recognized tribal governments

Description: Tribal Climate Adaptation programs provides 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 training 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.

Next Milestone:

Announcement of funding opportunity in Q3 of 2022.

Existing Program

Research Supercomputing (NOAA)

\$80 million

Period of Availability: Three years

Funding Mechanism: Contract, cooperative agreement

Recipients: Public higher-education institutions, federal partners, businesses

Description: NOAA'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.

Next Milestone:

Estimated application opening date in Q2 of 2022.

Existing Program

Revegetation Effort to Implement National Seed Strategy (USDA)

\$70 million

Period of Availability: Available until expended
Funding Mechanism: Direct federal spending

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

Next Milestone:

Estimated application opening date in Q3 of 2022

New Program

Direct Federal Spending for National Revegetation Strategy (Dept. of the Interior)

\$70 million

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

Recipients: Federal agencies

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 nonfederal lands, including the National Seed Strategy for Rehabilitation and Restoration

Next Milestone:

TBD

New Program**Critical Infrastructure Security and Resilience Research (DHA)****\$69.8 million****Period of Availability:** Five years
Funding Mechanism: Contract

Recipients: May include, but not limited to: academia/centers of excellence, industry (small business innovation research), DOE national laboratories, and federally funded research and development centers

Description: This program oversees activities performed under the Infrastructure Act and reports to Congress on the progress of the 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 geomagnetic 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; and research supporting security testing capabilities relating to telecommunications equipment, industrial control systems, and open-source software

Next Milestone:

Detailed spend plan due to Congress on February 13, 2022

New Program**National Seed Strategy (USDA)****\$60 million****Period of Availability:** Each annual \$12 million tranche has a four-year period of availability
Funding Mechanism: Grants—nonfederal

Recipients: State, tribe, local units of government, nongovernmental organizations

Description: Under development

Eligible Uses: Under development

Next Milestone:

Estimated application opening date in Q4 of 2022

Existing Program

Ecosystem—Sagebrush-Steppe (Dept. of the Interior)

\$50 million

Period of Availability: Available until expended.

Funding Mechanism: Grant, cooperative agreement, direct federal spending

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.

Next Milestone:

Estimated application opening date, July 2022

New Program

Preplanning Fire Response Workshops and Workforce Training (USDA)

\$50 million

Period of Availability: Available until expended

Funding Mechanism: Direct federal spending

Recipients: Forest Service funding

Description: The Forest Service will conduct preplanning fire response workshops that develop potential operational delineations and select potential control locations and workforce training for staff, nonfederal firefighters and Native village fire crews.

Eligible Uses: To conduct workshops and develop potential operational delineations

Next Milestone:

Estimated application opening date in Q3 of 2022

New Program**Contracts and Agreements for Restoration on Federal Lands
(Dept. of the Interior)****\$50 million**

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

Recipients: Federal, state, local, tribal, nongovernmental organizations

Description: Contracts for ecological health restoration, to be enacted on no fewer than 10,000 acres of federal land, including American Indian forest land or rangeland

Eligible Uses: Entering into contracts, including stewardship contracts or agreements, to restore ecological health on federal lands, including American Indian forest land or rangeland, and for salaries and expenses associated with preparing and executing those contracts

Next Milestone:

TBD

Existing Program**Wildfire (NOAA)****\$50 million**

Period of Availability: Three years

Funding Mechanism: Various

Recipients: States, counties, cities and townships, special districts, tribal governments (federally recognized), tribal governments (other than federally recognized), public higher-education institutions, private higher-education institutions, nonprofits with 501(C)(3) status

Description: These funds will be used to support wildfire prediction, detection, observation, modeling and forecasting.

Eligible Uses: NOAA will procure mission-critical infrastructure and advanced operational systems and accelerate the development and delivery of fire weather decision-support tools, cloud-based software and dissemination services.

Next Milestone:

Estimated application opening date in Q2 of 2022

Existing Program

**Colorado River Endangered Species Recovery and Conservation
(Dept. of the Interior)**

\$50 million

Period of Availability: Available until expended
Funding Mechanism: Financial assistance

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

Next Milestone:
TBD

New Program

Advanced Energy Security Program (DOE)

\$50 million

Period of Availability: Available until expended
Funding Mechanism: Interagency agreement with commerce, national laboratory funding

Recipients: Utilities, national laboratories, 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: Develop capabilities to identify vulnerabilities and critical components that pose major risks to grid security if destroyed or impaired, provide modeling at the national level to predict impacts from natural or human-made events, add physical security to the cybersecurity maturity model, conduct exercises and assessments to identify and mitigate vulnerabilities to the electric grid, including providing mitigation recommendations, conduct research on hardening solutions for critical components of the electric grid, conduct research on mitigation and recovery solutions for critical components of the electric grid, and provide technical assistance to states and other entities for standards and risk analysis

Next Milestone:
Estimated application opening date in Q4 of 2022

Existing Program**Ocean and Coastal Observing Systems (NOAA)****\$50 million****Period of Availability:** Three years
Funding Mechanism: Various

Recipients: States, counties, cities and townships, special districts, tribal governments (federally recognized), tribal governments (other than federally recognized), independent school districts, public higher-education institutions, private higher-education institutions, nonprofit organizations

Description: 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.

Eligible Uses: NOAA will modernize two critical ocean-observing systems: the Tropical Atmosphere Ocean array in the equatorial Pacific and the Deep-ocean Assessment and Reporting of Tsunamis network.

Next Milestone:

Estimated application opening date in Q2 of 2022

New Program**Direct Federal Spending for Resilient Recreation Sites (Dept. of the Interior)****\$45 million****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

Recipients: Federal agencies

Description: Funding to improve resilience of recreation sites on federal lands, including American Indian forest or rangelands

Eligible Uses: Projects to restore, prepare or adapt recreation sites on federal lands that have experienced or may likely experience visitation and use beyond the carrying capacity of the sites

Next Milestone:

TBD

Existing Program

Flood Plain Management Services (Army Corps of Engineers)

\$45 million

Period of Availability: Available until expended
Funding Mechanism: Direct federal

Recipients: The Army Corps site-specific flood and flood plain data and assistance to states, tribes, and local communities

Description: Funds for certain technical assistance provided by the Army Corps of Engineers

Eligible Uses: Labor and related work performed by the Army Corps of Engineers

Next Milestone:
Ongoing program.

New Program

**Section 118 of Water Resources Development Act of 2020
(Army Corps of Engineers)**

\$30 million

Period of Availability: Available until expended
Funding Mechanism: Direct federal

Recipients: In partnership with state, local and tribal governments, the Army Corps of Engineers would use funding to carry out feasibility studies.

Description: This is a 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

Next Milestone:
The Army Corps of Engineers will develop a spend plan allocating these funds in FY23

New Program

Financial Assistance to States, American Indian Tribes, and Units of Local Government to Establish and Operate Reverse-911 Telecommunication Systems (USDA)

\$30 million

Period of Availability: Available until expended

Funding Mechanism: Grant

Recipients: States, tribes

Description: Financial assistance to States, Indian tribes and local governments to establish and operate Reverse-911 telecommunication systems

Eligible Uses: Establishment of reverse-911 telecommunication systems

Next Milestone:

Estimated application opening date in Q3 of 2022

Existing Program

National Geological and Geophysical Data Preservation Program (Dept. of the Interior)

\$23.7 million

Period of Availability: Two years

Funding Mechanism: Grant, cooperative agreement, direct federal spending

Recipients: State geological surveys, state universities housing state geological surveys, private contractors, U.S. Geological Survey Science Centers and other Department of the 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: Archiving of data, maps, logs and samples; development and maintenance of a national catalog; technical and financial assistance related to archival material; and preservation of samples to track geochemical signature from critical mineral ore bodies

Next Milestone:

TBD

Existing Program

Southwest Ecological Restoration Institute (USDA)

\$20 million

Period of Availability: Available until expended
Funding Mechanism: Direct federal spending

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

Next Milestone:

Estimated application opening date in Q3 of 2022

Existing Program

Cybersecurity (DHS)

\$14.5 million

Period of Availability: Five years
Funding Mechanism: Contract

Recipients: May include, but not limited to academia/centers of excellence, industry (small business innovation research), DOE national laboratories, and federally 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

Next Milestone:

Detailed spend plan due to Congress on February 13, 2022

Existing Program**Probabilistic Analysis of National Threats, Hazards and Risks (DHS)****\$13.4 million****Period of Availability:** Five years**Funding Mechanism:** Contract

Recipients: May include, but not limited to academia/centers of excellence, industry (small business innovation research), DOE national laboratories, and federally 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

Next Milestone:

Detailed spend plan due to Congress on February 13, 2022

Existing Program**Countering Violent Extremism (DHS)****\$12.8 million****Period of Availability:** Five years**Funding Mechanism:** Contract

Recipients: May include, but not limited to academia/centers of excellence, industry (small business innovation research), DOE national laboratories, and federally funded research and development centers

Description: 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

Next Milestone:

Detailed spend plan due to Congress on February 13, 2022

New Program

**Agreement with NOAA for Geostationary Operations
Environmental Satellite Program (USDA)**

\$10 million

Period of Availability: Available until expended
Funding Mechanism: Direct federal spending

Recipients: Forest Service funding

Description: Under development

Eligible Uses: Uses will be determined by NOAA

Next Milestone:

Estimated application opening date in Q3 of 2022

Existing Program

**Wildfire Management—Joint Fire Science Program
(Dept. of the Interior)**

\$10 million

Period of Availability: Funding available until expended (but portions made available by fiscal year)
Funding Mechanism: Interagency agreements, cooperative agreements

Recipients: Science and research organizations/entities, public higher-education institutions, private higher-education institutions

Description: This program supports 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 about critical wildland fire management issues

Next Milestone:

Estimated application opening date in Q4 of 2022

New Program

Firewood Banks (USDA)

\$8 million

Period of Availability: Each annual \$1.6 million tranche has a four-year period of availability

Funding Mechanism: Financial assistance

Recipients: States, tribes, local units of government, nongovernmental organizations

Description: Under development

Eligible Uses: Under development

Next Milestone:

Estimated application opening date in Q1 of 2023

New Program

Wildfire Detection and Monitoring Equipment (USDA)

\$5 million

Period of Availability: Available until expended

Funding Mechanism: Direct federal spending

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

Next Milestone:

Estimated application opening date in Q3 of 2022

Existing Program

First Responder Capability (DHS)

\$4 million



Period of Availability: Five years
Funding Mechanism: Contract

Recipients: May include, but not limited to academia/centers of excellence, industry (small business innovation research), DOE national labs, and federally 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.

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

Next Milestone:

Detailed spend plan due to Congress on February 13, 2022

Existing Program

Network and System Security and Investment (DHS)

\$1 million



Period of Availability: Five years
Funding Mechanism: Contract

Recipients: May include, but not limited to academia/centers of excellence, industry (small business innovation research), DOE national labs, and federally 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 relating to telecommunications equipment

Next Milestone:

Detailed spend plan due to Congress on February 13, 2022

New Program**Water Infrastructure Finance and Innovation Program (Army Corps of Engineers)****\$75 million****Period of Availability:** Available until expended
Funding Mechanism: Credit assistance

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: This 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 that are owned by nonfederal entities.

Eligible Uses: All qualifying nonfederal dam safety projects under the Army Corps Water Infrastructure Finance and Innovation Act program

Next Milestone:
TBD

New Program**Energy Sector Operational Support for Cyber Resilience Program (DOE)****\$50 million****Period of Availability:** Available until expended
Funding Mechanism: National laboratory funding

Recipients: Small electric utilities, national labs

Description: To support a program to build energy sector operational support for cyber resilience

Eligible Uses: Funds available to 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.

Next Milestone:

TBD

Roads, Bridges and Major Projects

The IIJA includes roughly \$319 billion—which combines new and previously allocated spending—to be used for repairing roads and bridges and supporting new construction projects. All funds allocated under this category will be disbursed by the Department of Transportation (DOT), mostly through the Federal Highway Administration (FHWA).

Existing Program with Changed Eligibilities

National Highway Performance Program (FHWA)

\$148 billion

Period of Availability: Four years
Funding Mechanism: Formula grant

Recipients: States (including District of Columbia)

Description: 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; and 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

Next Milestone:

First round of funds (FY22) were released to state transportation departments in December 2021. Next round of funding (FY23) to be released to state transportation departments in October 2022. Guidance on changes in eligibilities to be released.

Existing Program with Changed Eligibilities

Surface Transportation Block Grant Program (FHWA)

\$72 billion

Period of Availability: Four years
Funding Mechanism: Formula grant

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.

Next Milestone:

First round of funds (FY22) was released to state transportation departments in December 2021. Next round of funding (FY23) to be released to state transportation departments October 2022. Guidance on changes in eligibilities to be released.

New Program

Bridge Formula Program (FHWA)

\$26.675 billion

Period of Availability: Four years
Funding Mechanism: Formula grant

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% will be set aside for use on off-system bridges; 3% will be set aside for use on Tribal Transportation Facility bridges; and 0.5% will be set aside for administrative expenses of the FHWA. 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

Next Milestone:

First round of Bridge Formula Program funds (FY22) was released to state transportation departments in January 2022, along with guidance on use of funding. Next round of Bridge Formula Program funding (FY23) to be released to state transportation departments in October 2022. More guidance forthcoming on the funding set aside for use on Tribal Transportation Facility bridges.

Existing Program with Changed Eligibilities

Congestion Mitigation and Air Quality Improvement Program (FHWA)

\$13.2 billion

Period of Availability: Four years
Funding Mechanism: Formula grant

Recipients: States (including District of Columbia)

Description: The Congestion Mitigation and Air Quality Improvement Program provides a flexible funding source to state and local governments for transportation projects and programs to help meet the requirements of the Clean Air Act.

Eligible Uses: Transportation projects that reduce congestion and 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 (EPA)

Next Milestone:

First round of funds (FY22) was released December 2021. Next round of funding (FY23) to be released October 2022. Guidance on changes in eligible uses to be released.

New Program

Bridge Investment Program (FHWA)

\$12.2 billion

Period of Availability: Four years

Funding Mechanism: Competitive grant

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 or tribal governments

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

Next Milestone:

Forthcoming

Existing Program

Local and Regional Project Assistance Grants (Rebuilding American Infrastructure with Sustainability and Equity (RAISE))

\$7.5 billion

Period of Availability: Four years

Funding Mechanism: Competitive grant

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 one 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 one 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.

Next Milestone:

Applications will open in Q1 of 2022

Existing Program

Nationally Significant Freight and Highway Projects ((Infrastructure for Rebuilding America (INFRA)) (FHWA))

\$7.25 billion

Period of Availability: Four years**Funding Mechanism:** Competitive grant**Recipients:**

- A state or a group of states
- 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
- A unit of local government or a group of local governments
- A political subdivision of a state or local government
- A special-purpose district or public authority with a transportation function, including a port authority
- A federal land management agency that applies jointly with a state or group of states
- A tribal government or a consortium of tribal governments
- A multistate corridor organization
- A multistate or multi-jurisdictional group of entities described in this paragraph

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

Next Milestone:

Applications will open in Q1 of 2022. Learn more about how to apply [here](#).

Existing Program

National Highway Freight Program (FHWA)

\$7.15 billion

Period of Availability: Four years

Funding Mechanism: Formula grant

Recipients: States (including District of Columbia)

Description: The National Highway Freight Program provides funds to 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 not use more than 30% of its total National Highway Freight Program funds each year for freight intermodal or freight-rail projects, subject to certain restrictions.

Next Milestone:

First round of funds (FY22) was released December 2021. Next round of funding (FY23) to be released October 2022.

New Program

National Infrastructure Project Assistance (Megaprojects)

\$5 billion

Period of Availability: Available until expended

Funding Mechanism: Competitive grant

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 one or more entities described in subparagraphs (A) through (F); and 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 Megaprojects program include:

- A highway or bridge project carried out on;
 - The National Multimodal Freight Network of title 49, United States Code,
 - The National Highway Freight Network, United States Code, or
 - The National Highway System, United States Code;
- A freight intermodal (including public ports) or freight-rail project that provides a public benefit;
- A railway-highway grade separation or elimination project;
- An intercity passenger-rail project; and
- Certain public transportation projects that are eligible for Federal Transit Administration (FTA) funding of title 49, United States Code.

Next Milestone:

Selection criteria for the program will be posted on the DOT website in February 2022.

Existing Program

Tribal Transportation Program (FHWA)

\$3 billion



Period of Availability: Four years

Funding Mechanism: Formula grant

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

Next Milestone:

FY22 funds will be released with guidance on eligible uses of funds in the coming months.

Existing Program

Metropolitan Planning (FHWA)

\$2.3 billion

Period of Availability: Four years
Funding Mechanism: Formula grant

Recipients: Metropolitan planning organizations

Description: The Metropolitan Planning Program 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 collecting and analyzing data on demographics, trends and system performance; travel demand and system performance forecasting; identifying and prioritizing transportation system improvement needs; and coordinating planning and decision-making with the public, elected officials and stakeholder groups.

Next Milestone:

First round of funds (FY22) was released December 2021. Next round of funding (FY23) to be released October 2022.

Existing Program

Federal Lands Transportation Program (FHWA)

\$1.7 billion

Period of Availability: Four years
Funding Mechanism: Federal spending

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

Next Milestone:

Forthcoming

Existing Program (Transportation Infrastructure Finance and Innovation Act will have a total of \$75 billion in lending capacity under the Bipartisan Infrastructure Law)

Transportation Infrastructure Finance and Innovation Act

\$1.25 billion

Period of Availability: Four years
Funding Mechanism: Loan

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

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

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.

Next Milestone:
Forthcoming

Existing Program

Appalachian Development Highway System (FHWA)

\$1.25 billion

Period of Availability: Available until expended
Funding Mechanism: Formula grant to specific states in this region

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

Next Milestone:
First round of funds (FY22) was released January 2022. Next round of funding (FY23) to be released October 2022.

New Program

Rural Surface Transportation Grant Program (FHWA)

\$1 billion

Period of Availability: Four years
Funding Mechanism: Competitive grant

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 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 projects eligible under the National Highway Performance Program; highway safety improvement projects; projects on a publicly owned highway or bridge that improve access to certain facilities that support economies in rural areas; integrated mobility management systems, transportation demand management systems or on-demand mobility services

Next Milestone:
TBD

New Program

National Culvert Removal, Replacement, and Restoration Grant

\$1 billion

Period of Availability: Available until expended
Funding Mechanism: Competitive grant

Recipients: States, units of local government, American Indian tribes

Description: The Office of the Secretary's National Culvert Removal, Replacement and Restoration program provides supplemental funding for grants 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 or repair of culverts or weirs that:

- Would meaningfully improve or restore fish passage for anadromous fish; and
- With respect to weirs, may include:
 - Infrastructure to facilitate fish passage around or over the weir, and

- Weir improvements.

Next Milestone:

TBD

Existing Program**Puerto Rico Highway Program (FHWA)****\$900 million****Period of Availability:** Four years**Funding Mechanism:** Grant allocated program**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.**Next Milestone:**

First round of funds (FY22) were released January 2022. Next round of funding (FY23) to be released October 2022.

Existing Program**Advanced Transportation Technologies and Innovative Mobility Deployment (FHWA)****\$900 million****Period of Availability:** Available until expended**Funding Mechanism:** Competitive grants, cooperative agreements, other contracts**Recipients:** State or local government, transit agency, metropolitan planning organization, multi-jurisdictional group or consortium of research institutions or academic institutions*(Note: The term “multi-jurisdictional group” means any combination of state governments, local governments, metropolitan planning agencies, or transit agencies that has 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.

Next Milestone:
TBD

Existing Program (Bridge Formula Funding Set-Aside)

Tribal Transportation Facility Bridges (FHWA)

\$825 million

Period of Availability: Four years
Funding Mechanism: Distributed through the Tribal Transportation Program.

Recipients: Tribes

Description: The Bridge Formula Program sets aside 3% 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.

Next Milestone:
TBD

New Program (Set-aside within Nationally Significant Freight and Highway Projects—INFRA).

State Incentives Pilot Program (FHWA)

\$750 million

Period of Availability: Four years
Funding Mechanism: Competitive grant

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

Next Milestone:

Applications will open in Q1 of 2022.

New Program

Reconnecting Communities Pilot Program (FHWA)

\$1 billion

Period of Availability: Available until expended

Funding Mechanism: Competitive grant

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)

Next Milestone:

Department will issue Notice of Funding Opportunity on Grants.gov on a yet-to-be-determined date.

Existing Program

Highway Research and Development Program (FHWA)

\$310 million

Period of Availability: Available until expended

Funding Mechanism: Grant

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 future infrastructure. The 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.

Next Milestone:

TBD

Existing Program

Nationally Significant Federal Lands and Tribal Projects (FHWA)

\$275 million

Period of Availability: Four years

Funding Mechanism: Competitive grant

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 American Indian 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.

Next Milestone:

TBD

Existing Program

Intelligent Transportation Systems Program (FHWA)

\$250 million

Period of Availability: Available until expended

Funding Mechanism: Grants, cooperative agreements, other contracts

Recipients: FHWA Research, Technology, and Education Program

Description: The Intelligent Transportation Systems 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

Next Milestone:

TBD

New Program

Congestion Relief Program (FHWA)

\$250 million

Period of Availability: Four years

Funding Mechanism: Competitive grant

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 more than one million

Eligible Uses: Planning, design, implementation and construction activities to achieve program goals, including: deploying and operating 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, non-highway 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

Next Milestone:

TBD

Existing Program

Territorial Highway Program (FHWA)

\$240 million

Period of Availability: Four years

Funding Mechanism: Grant apportioned program

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.

Next Milestone:

First round of funds (FY22) was released to eligible territories January 2022. Next round of funding (FY23) to be released October 2022.

New Program

Tribal Transportation Facility Bridge (FHWA)

\$200 million



Period of Availability: Four years

Funding Mechanism: Competitive grant

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

Next Milestone:

TBD

Existing Program

Federal Lands Transportation Program (FHWA)

\$180 million



Period of Availability: 4 years

Funding Mechanism: Federal spending

Recipients: U.S. Fish and Wildlife 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

Next Milestone:

First round of funds (FY22) made available in spring 2022

Existing Program

Federal Lands Transportation Program (FHWA)

\$154 million

Period of Availability: Four years

Funding Mechanism: Competitive grant

Recipients: Federal land management agencies (other than U.S. Fish and 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

Next Milestone:

First round of funds (FY22) made available in spring 2022

Existing Program

Federal Lands Transportation Program (FHWA)

\$130 million

Period of Availability: Four years

Funding Mechanism: Direct federal spending

Recipients: U.S. Forest 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

Next Milestone:

First round of funds (FY22) made available in spring 2022

New Program (Bridge Investment Program Set-aside)

Grants for Planning, Feasibility Analysis, and Revenue Forecasting (FHWA)

\$100 million

Period of Availability: Four years

Funding Mechanism: Competitive grant

Recipients: State, metropolitan planning organization (for metropolitan areas with a population greater than 200,000), local government, special-purpose district or public authority with 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: 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

Next Milestone:

TBD

Existing Program

Accelerated Implementation and Deployment of Advanced Digital Construction Management Systems (FHWA)

\$100 million

Period of Availability: Available until expended

Funding Mechanism: Competitive grants, cooperative agreements, other contracts

Recipients: FHWA Research, Technology, and Education Program

Description: This program 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: Projects promoting, implementing, deploying, demonstrating, showcasing, supporting and documenting the application of advanced digital construction management systems

Next Milestone:

TBD

Existing Program

Strategic Innovation for Revenue Collection (FHWA)

\$75 million

Period of Availability: Available until expended

Funding Mechanism: Grants, cooperative agreements, other contracts

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

Next Milestone:

TBD

Existing Program

Accelerated Implementation and Deployment of Pavement Technologies (FHWA)

\$60 million

Period of Availability: Available until expended

Funding Mechanism: Grants, cooperative agreements, other contracts

Recipients: FHWA Research, Technology, and Education Program

Description: This program 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 focus 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

Next Milestone:

TBD

Existing Program

On-the-Job Training Program (FHWA)

\$50 million

Period of Availability: Available until expended
Funding Mechanism: Competitive grant, allocation

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 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 DOT modes to work in a transportation-related career field.

Next Milestone:

TBD

Existing Program**Disadvantaged Business Enterprises (FHWA)****\$50,000****Period of Availability:** Available until expended**Funding Mechanism:** Contract authority, competitive grant, allocation**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 ensure nondiscrimination and allow small businesses owned primarily by minorities and women to compete fairly for DOT-assisted contracts in the transportation industry.**Next Milestone:**

TBD

New Program**National Motor Vehicle Per-Mile User Fee Pilot (FHWA)****\$50 million****Period of Availability:** Available until expended**Funding Mechanism:** Grants, cooperative agreements, other contracts**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**Next Milestone:**

TBD

Existing Program

Tribal High Priority Projects Program (FHWA)

\$45 million

Period of Availability: Four years
Funding Mechanism: Competitive Grant

Recipients: Sovereign, federally recognized tribal governments

Description: The Tribal High Priority Projects Program provides funding to Indian Tribes or a governmental subdivision of an Indian 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

Next Milestone:
TBD

Existing Program

Highway Use Tax Evasion Projects (FHWA)

\$20 million

Period of Availability: Four years
Funding Mechanism: Competitive grant, allocation

Recipients: States, IRS

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

Next Milestone:
TBD

Safety

The IIJA includes roughly \$38 billion in funding to upgrade the safety of the U.S. transportation infrastructure. The overall goal is to help 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 allocated in this section 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 billion); (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).

Existing Program

Highway Safety Improvement Program (Federal Highway Administration (FHWA))

\$15.6 billion

Period of Availability: Four years
Funding Mechanism: Formula grant

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

Next Milestone:

First round of funds (FY22) was released to state transportation departments in December 2021. Next round of funding (FY23) to be released to state transportation departments in October 2022.

New Program

Safe Streets and Roads for All (Office of the Secretary)

\$5 billion

Period of Availability: Available until expended
Funding Mechanism: Competitive grant

Recipients: (A) a metropolitan planning organization; (B) a political subdivision of a state; (C) a federally recognized tribal government; and (D) a multijurisdictional group of entities described in any of subparagraphs (A) through (C).

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: The term “eligible project” means a project: (A) to develop a comprehensive safety action plan; (B) to conduct planning, design and development activities for projects and strategies identified in a comprehensive safety action plan; or (C) to carry out projects and strategies identified in a comprehensive safety action plan.

Next Milestone:

Applications are expected to open in May 2022.

New Program

Railroad Crossing Elimination Grants (Federal Railroad Administration (FRA))

\$3 billion

Period of Availability: Available until expended
Funding Mechanism: Competitive grant

Recipients: A state, including the District of Columbia, Puerto Rico, and other United States territories and possessions; a political subdivision of a state; a federally recognized American Indian tribe; a unit of local government or a group of local governments; a public port authority; a metropolitan planning organization; a group of any of the foregoing entities

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 described in paragraphs (1) through (5) are also eligible.

Next Milestone:

First round of funds (FY22) was released in December 2021. Next round of funding (FY23) to be released in October 2022.

Existing Program

Motor Carrier Safety Assistance Program (Federal Motor Carrier Safety Administration (FMCSA))

\$2.4 billion

Period of Availability: Year of award plus two years
Funding Mechanism: Formula grant

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.

Eligible Uses: To carry out the state's Commercial Motor Vehicle Safety Plan

Next Milestone:

Estimated first round of funds released in March 2022.

Existing Program

Highway Safety Programs (FHWA)

\$2 billion

Period of Availability: Four years

Funding Mechanism: Formula grant

Recipients: States, the secretary of the interior (for American Indian tribes), the District of Columbia, Puerto Rico, American Samoa, Guam, the Commonwealth of the Northern Mariana Islands, and the U.S. Virgin Islands

Description: 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

Next Milestone:

Full-year supplemental funding under Bipartisan Infrastructure Law and continuing resolution funds as Fixing America's Surface Transportation Act extension were released in December 2021. Remaining FY21 funds will be released upon FY22 appropriation.

Existing Program

Motor Carrier Safety Operations and Programs (FMCSA)

\$1.9 billion

Period of Availability: Mixture of available until expended and four-year funding

Funding Mechanism: Administrative expenses

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. comply 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.

Next Milestone:

TBD

Existing Program

National Priority Safety (DOT National Highway Traffic Safety Administration (NHTSA))

\$1.9 billion

Period of Availability: Four years

Funding Mechanism: Formula grant

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

Description: This program encourages 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.

Eligible Uses: To be specified in the implementing regulation

Next Milestone:

Full-year supplemental funding under Bipartisan Infrastructure Law and continuing resolution funds as Fixing America's Surface Transportation Act extension were released in December 2021. Remaining FY21 funds will be released upon FY22 appropriation.

Existing Program

Railway-Highway Crossings Program (FHWA)

\$1.2 billion

Period of Availability: Four years

Funding Mechanism: Formula grant

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

Next Milestone:

First round of funds (FY22) was released in December 2021. Next round of funding (FY23) to be released in October 2022.

New Program

Natural Gas Distribution Infrastructure Safety and Modernization Grants (Pipeline and Hazardous Materials Safety Administration)

\$1 billion

Period of Availability: 11 years

Funding Mechanism: Competitive grant

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

Next Milestone:

TBD

Existing Program**Highway Safety Research and Development (NHTSA)****\$970 million****Period of Availability:** Four years**Funding Mechanism:** Grants, cooperative agreements, contracts

Recipients: States, counties, cities and townships, special districts, tribal governments (federally recognized), tribal governments (other than federally recognized), independent school districts, public higher-education institutions, private higher-education institutions, nonprofits with 501(c)(3) status, nonprofits without 501(c)(3) status, small businesses, businesses other than small businesses, and/or individuals

Description: Research and development activities with respect highway and traffic safety systems and conditions

Eligible Uses: TBD via Notice of Funding Opportunity

Next Milestone:

Cooperative grant for research on technologies for alcohol detection to prevent impaired driving via the Driver Alcohol Detection System for Safety in FY22.

Continuing funding for cooperative agreement with National Safety Council's Road to Zero programs to support innovative and cross-cutting safety projects using the safe system approach in FY22.

New Program**Crash Data (NHTSA)****\$750 million****Period of Availability:** Four years**Funding Mechanism:** Competitive grants and contracts

Recipients: Grants: States, U.S. territories, and the secretary of the interior (for American Indian tribes)

Description: Funding will be used pursuant to Bipartisan Infrastructure Law §24108 to improve crash-data collections and analysis.

Eligible Uses: Funding to be used to improve crash-data collection 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; collect additional data elements related to vulnerable road users; coordinate with Centers for Disease Control and Prevention on national database of pedestrian injuries and fatalities; increase participation in Electronic Data Transfer 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.

Next Milestone:

Begin collection of new personal conveyance data elements January 2022; form interagency team to address pedestrian injury and fatality database project January 2022.

Existing Program

Vehicle Safety and Behavioral Research (NHTSA)

\$548.5 million

Period of Availability: Four years
Funding Mechanism: Grants, cooperative agreements or contracts

Recipients: States, counties, cities and townships, special districts, tribal governments (federally recognized), tribal governments (other than federally recognized), independent school districts, public higher-education institutions, private higher-education 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

Next Milestone:

Establish cooperative agreements with stakeholder agencies beginning in June 2022

Existing Program

High Priority Activities Program (NHTSA)

\$432.5 million

Period of Availability: Mixture of available until expended and four-year funding
Funding Mechanism: Grant and cooperative agreement

Recipients: States, local governments, federally recognized American Indian tribes, other political jurisdictions as necessary, and any person

Description: The High Priority Activities grant program is 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.

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; otherwise improving safety and compliance with commercial vehicle safety regulations ; and supporting and maintaining commercial safety information systems and networks.

Next Milestone:

The Federal Motor Carrier Safety Administration will issue a Notice of Funding Opportunity for this program in February 2022.

New Program

Wildlife Crossings Pilot Program (FHWA)

\$350 million

Period of Availability: Four years

Funding Mechanism: Grant

Recipients: State highway agency (or equivalent), metropolitan planning organization, local government, regional transportation authority, special-purpose district or public authority with a transportation function, American Indian 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

Next Milestone:

TBD

Existing Program

Commercial Driver's License Implementation Program (FMCSA)

\$297.5 million

Period of Availability: Mixture of available until expended and four-year funding
Funding Mechanism: Grant and cooperative agreement

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

Description: The Commercial Driver's License Implementation discretionary grant seeks to improve highway safety by supporting Commercial Driver's License (CDL) Programs on a State and National level.

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

Next Milestone:

Review and evaluate grant proposals and award funding in July 2022

Existing Program

High-Visibility Enforcement (NHTSA)

\$201.6 million

Period of Availability: Four years
Funding Mechanism: Contract

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

Description: To carry out national traffic safety campaigns to reduce alcohol-impaired or drug-impaired driving and to increase the use of seatbelts

Eligible Uses: N/A.

Next Milestone:

April 2022, Distracted Driving; May 2022, Click It or Ticket; July and August 2022, Impaired Driving

Existing Program**Racial Profiling Data Collection Grants (NHTSA)****\$57.5 million****Period of Availability:** Four years**Funding Mechanism:** Formula Grant**Recipients:** States, the District of Columbia, Puerto Rico, American Samoa, Guam, the Commonwealth of the Northern Mariana Islands and the U.S. Virgin Islands (for most grants)**Description:** To encourage states to collect and make publicly available data on the race and ethnicity of drivers during law enforcement stops on public roadways**Eligible Uses:** To be specified in the implementing regulation**Next Milestone:**

Funds released upon FY22 appropriation

Existing Program**National Driver Register (NHTSA)****\$36 million****Period of Availability:** Four years**Funding Mechanism:** Notice of Funding Opportunity and competitive contracts**Recipients:** Businesses (other than small businesses) and nonprofits with 501(c)(3) status**Description:** The National Driver Register 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 National Driver Register and Problem Driver Pointer System operational costs.**Next Milestone:**

Continued operations of the National Driver Register and Problem Driver Pointer System in FY22

New Program

Commercial Motor Vehicle Enforcement Training and Support Grant Program (FMCSA)

\$25 million

Period of Availability: Available until expended
Funding Mechanism: Grant and cooperative agreement

Recipients: Nonprofit organization with expertise in conducting training for non-feds 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-feds who conduct commercial motor vehicle enforcement activities and to develop related training materials.

Eligible Uses: The purpose is to train non-feds who conduct commercial motor vehicle enforcement activities and to develop related training materials.

Next Milestone:

A Notice of Funding Opportunity for the program will be released in February 2022.

Existing Program

Safety-Related Activities

\$17.5 million

Period of Availability: Four years
Funding Mechanism: Competitive grant

Recipients: States (including District of Columbia)

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

Eligible Uses: Eligible activities include: Operation Lifesaver, the Public Road Safety Clearinghouse, Work Zone Safety Grants, the National Work Zone Safety Information Clearinghouse, and guardrail training.

Next Milestone:

TBD

Existing Program

Commercial Motor Vehicle Operators Grant Program (FMCSA)

\$16.5 million

Period of Availability: Mixture of available until expended and four-year funding

Funding Mechanism: Competitive grant

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 Native American 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.

Next Milestone:

The agency will issue a Notice of Funding Opportunity in February 2022.



Solid Waste Management and Recycling

The IIJA provides significant funding to support local waste management infrastructure and recycling programs. The purpose of these investments is to expand access to recycling and composting programs nationwide, modernize existing waste management systems, educate consumers and help reduce contamination in the recycling and organic waste streams.

The funding falls into four major areas: (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).

New Program

Solid Waste Infrastructure for Recycling Grants (EPA)

\$275 million



Period of Availability: Available until expended
Funding Mechanism: Cooperative agreements and/or grants

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 American Indian reservations in Oklahoma (as determined by the secretary of the interior), and Alaska 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 also 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

Next Milestone:

- Stakeholder outreach and engagement to inform development of grant program to begin (estimated): Q2 of 2022
- Funding Opportunity availability (Estimated): Q4 of 2022

New Program

Reduce, Reuse, Recycling Education and Outreach Grants (EPA)

\$75 million

Period of Availability: Available until expended
Funding Mechanism: Cooperative agreements and/or grants

Recipients: States, units of local government, federally recognized tribal governments, Native Hawaiian organizations, the Department of Hawaiian Home Lands, the Office of Hawaiian Affairs, nonprofit organizations, or public-private partnerships

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 correctly.

Eligible Uses: Award grants are focused on improving material recycling, recovery, management and reduction and 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.

Next Milestone:

- Stakeholder outreach and engagement to inform development of grant program to begin (estimated): Q2 of 2022
- Funding Opportunity availability (estimated): Q4 of 2022

New Program

Battery Recycling Best Practices (EPA)

\$10 million

Period of Availability: Fiscal Year 2022, to remain available until September 30, 2026
Funding Mechanism: Contracts

Description: This investment will promote the safe handling of used batteries and improve battery recycling programs. The EPA 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 materials derived from recycling batteries. The EPA will develop best practices in coordination with state, tribal and local governments and relevant nongovernmental and private sector entities.

Eligible Uses: EBD

Next Milestone (estimated): Program development to begin in Q2 of 2022

New Program

Battery Labeling Guidelines (EPA)

\$15 million

Period of Availability: FY22, to remain available until September 30, 2026

Funding Mechanism: Contracts

Recipients: EPA will work with States, tribes, local governments, NGOs and the private sector to develop best practices and the new labelling program to drive increased safe collection and recycling of batteries.

Description: This investment will promote the safe handling of used batteries and improve battery recycling programs. It 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.

Next Milestone (estimated): Program development to begin in Q2 of 2022



Water

The IIJA contains \$55 billion in funding for various drinking water, wastewater, water reuse, conveyance and water-storage projects. Among other items, the administration has highlighted provisions in the bill that provide dedicated funding to replace lead service lines and address the dangerous chemical perfluoroalkyl and polyfluoroalkyl substances (PFAS).

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) American Indian water rights (\$2.5 billion); (5) Indian Health Service water and sewer (\$1.8 billion); (6) water and sewer tax (\$1.25 billion); (7) Rural Water Projects (\$1 billion); and (8) Western water (\$7.1 billion).

Existing Program

Drinking Water State Revolving Fund Lead Service Lines Replacement (EPA)

\$15 billion

Period of Availability: Available until expended

Funding Mechanism: Loans and grants

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 funds from the State Revolving Fund.

Description: Drinking Water State Revolving Fund funding as described in the Drinking Water State Revolving Fund program with eligible projects limited to lead service line replacement and associated activities related to identification, planning, design and removal.

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.

Next Milestone:

Applicants apply through their State Revolving Fund program. State deadlines vary.

Existing Program

Drinking Water State Revolving Fund (EPA)

\$11.7 billion

Period of Availability: Available until expended
Funding Mechanism: Loans and grants

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 funds from the State Revolving Fund.

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.

Eligible Uses: Capitalization grants are available to each state and to 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: constructing 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; and other infrastructure projects needed to protect public health.

Next Milestone:

Applicants apply through their State Revolving Fund program. State deadlines vary.

Existing Program

Clean Water State Revolving Fund (EPA)

\$11.7 billion

Period of Availability: Available until expended
Funding Mechanism: Loans and grants

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 funds from the State Revolving Fund.

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. 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.

Next Milestone:

Applicants apply through their State Revolving Fund programs. State deadlines vary.

Existing Program

Water Infrastructure Improvements for the Nation's Small and Underserved Communities Emerging Contaminants Grant Program (EPA)

\$5 billion

Period of Availability: Available until expended

Funding Mechanism: Grant

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.

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. A “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. A “small community” is one that has a population 10,000 or fewer individuals and lacks the capacity to incur debt sufficient to finance a project to comply with the Safe Drinking Water Act.

Next Milestone:

More information will be forthcoming. Applicants will apply through their state. State deadlines vary.

Existing Program

Drinking Water State Revolving Fund Emerging Contaminants (EPA)

\$4 billion

Period of Availability: Available until expended

Funding Mechanism: Grant

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 funds from the State Revolving Fund.

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.

Next Milestone:

Applicants apply through their State Revolving Fund program. State deadlines vary.

Existing Program (The law makes \$700 million available per year for the period 2021–2026.)

Indian Health Service Sanitation Facilities Construction Program (Department of Health and Human Services [HHS])

\$3.5 billion

Period of Availability: Available until expended

Funding Mechanism: Indian Self-Determination and Education Assistance Act Agreements, direct federal spending

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 Indian 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.

Eligible Uses: The Indian Health Care Improvement Act requires the Indian Health Service to identify the universe of sanitation-facility needs for existing American Indian and Alaska Native homes by documenting deficiencies and proposing projects to address their needs.

These projects prevent communicable diseases by providing eligible new and existing American Indian homes with services such as water wells, on-site wastewater disposal systems or connections to community water supply and wastewater disposal systems. These projects can also include provision of new or upgraded water supply or waste disposal systems.

Next Milestone:

TBD

Existing Program (Authority and funding dramatically expended under IIJA)

Aging Infrastructure Account (Dept. of the Interior)

\$3.2 billion

Period of Availability: Available until expended

Funding Mechanism: Spend plan/application

Recipients: Transferred works operators and reserved works project beneficiaries (districts, power customers, cost-share partners)

Description: The Aging Infrastructure/XM 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

Next Milestone:

First Application period opened December 17, 2021; closes January 31, 2022.

Existing Program

Indian Water Rights Settlements (Dept. of the Interior)

\$2.5 billion

Period of Availability: Available until expended

Funding Mechanism: Contract/compact/trust fund

Recipients: Federally recognized tribal governments

Description: To satisfy Federal obligations under Indian water rights settlement

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 American Indian water settlement approved and authorized by an act of Congress before the date of enactment of this act

Next Milestone:

Allocation of funding among eligible projects, TBD

Existing Program (Authority and funding dramatically expanded under the IIJA)

**Water and Groundwater Storage and Conveyance
(Dept. of the Interior)**

\$1.15 billion

Period of Availability: Available until expended
Funding Mechanism: Project funding, federal assistance, etc.

Recipients: States, local governments

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.

Eligible Uses: Construction and grants

Next Milestone:

Program feasibility guidelines published January 14, 2022, per statute; application period expected calendar year 2022.

Existing Program

Rural Water Projects (Dept. of the Interior)

\$1 billion

Period of Availability: Available until expended
Funding Mechanism: Project funding

Recipients: Existing, authorized projects—not for new opportunities; tribal and local governments

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

Next Milestone:

Allocation of funding for FY22 among eligible projects with FY22 capability to execute the funds

Existing Program

Clean Water State Revolving Fund—Emerging Contaminants (EPA)

\$1 billion

Period of Availability: Available until expended
Funding Mechanism: Grant

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 funds from the State Revolving Fund.

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.

Next Milestone:

Applicants apply through their State Revolving Fund programs. State deadlines vary.

Existing Program (Authority and funding dramatically expanded under the IJA)

Water Recycling (Dept. of the Interior)

\$1 billion

Period of Availability: Available until expended
Funding Mechanism: Grant, financial assistance

Recipients: Open

Description: Projects that reclaim and/or reuse municipal, industrial, and agricultural wastewater; or impaired ground and surface waters

Eligible Uses: Water recycling and reuse projects and large water reuse projects in reclamation states

Next Milestone:

Funding opportunities posted January 14, 2022, to grants.gov; closes March 15, 2022; additional program criteria for large projects to follow in 2022.

Existing Program

Dam Safety Program (Dept. of the Interior)

\$500 million

Period of Availability: Available until expended
Funding Mechanism: Direct federal spending

Recipients: States, local governments

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

Next Milestone:

Publication of FY23 budget request/updates to Initial Spend Plan

Existing Program

WaterSMART Grants (Dept. of the Interior)

\$400 million

Period of Availability: Available until expended
Funding Mechanism: Grant

Recipients: Open—must 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.

Eligible Uses: Grant projects that support water management improvements that contribute to water supply sustainability, increase drought resilience and have environmental benefits

Next Milestone:

Estimated application opening dates in March, April and May of 2022 for three distinct opportunities under this authority.

Existing Program**Water Desalination Projects (Dept. of the Interior)****\$250 million****Period of Availability:** Available until expended
Funding Mechanism: Financial assistance**Recipients:** Open**Description:** Water desalination projects support desalination of ocean or brackish water**Eligible Uses:** Water desalination projects**Next Milestone:**

Funding opportunity posted January 14, 2022, to grants.gov; closes March 15, 2022.

Existing Program**Safety of Dams, Water Sanitation, and Other Facilities
(Dept. of the Interior)****\$200 million****Period of Availability:** Available until expended
Funding Mechanism: Contract/compact**Recipients:** Federally recognized tribal governments**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 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.**Next Milestone:**

Announcement of initial project awards in Q3 of 2022

Existing Program

Watershed Management Projects (Dept. of the Interior)

\$100 million

Period of Availability: Available until expended
Funding Mechanism: Financial assistance

Recipients: Open—must meet funding opportunity criteria

Description: Watershed management includes water conservation and efficiency projects.

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

Next Milestone:

Estimated application opening date, January 2022

Existing Program

Central Utah Project (Dept. of the Interior)

\$50 million

Period of Availability: Available until expended
Funding Mechanism: Direct federal spending

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.

Next Milestone:

Contract award March 2022

New Program**Underground Injection Control Grants: Class VI Wells (EPA)****\$50 million****Period of Availability:** Available until expended
Funding Mechanism: Grant**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 the Bipartisan Infrastructure Law targets funding to Class VI wells utilized for carbon sequestration. The law includes an additional \$25 million to support the permitting of these wells on top of the \$50 million in grant funding.

Eligible Uses: Eligible entities shall use grants to defray the expenses related to the establishment and operation of a Class VI primacy program.

Next Milestone:

More information forthcoming

Existing Program**Tribal Irrigation and Power Systems (Dept. of the Interior)****\$50 million****Period of Availability:** Available until expended
Funding Mechanism: Contract/compact**Recipients:** Federally recognized tribal governments

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

Next Milestone:

Announcement of initial project awards in Q3 of 2022

Existing Program

**Water Resources Development Act Data Acquisition
(National Oceanic and Atmospheric Administration [NOAA])**

\$25 million

Period of Availability: Two years

Funding Mechanism: Various

Recipients: States, counties, cities and townships, special districts, tribal governments (federally recognized), tribal governments (other than federally recognized), public higher-education institutions, private higher-education 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 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 generated by the network being installed in the Upper Missouri River Basin

Next Milestone:

Estimated application opening date in Q2 of 2022

Existing Program

Soil Moisture and Snowpack Pilot Program (NOAA)

\$1 million

Period of Availability: Two years

Funding Mechanism: Various

Recipients: States, counties, cities and townships, special districts, tribal governments (federally recognized), tribal governments (other than federally recognized), public higher-education institutions, private higher-education 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

Next Milestone:

Estimated application opening date, Q2 of 2022

Existing Program

Geographic Programs—Columbia River Basin Restoration Program (EPA)

\$79 million

Period of Availability: Available until expended

Funding Mechanism: Grant

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.

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

Next Milestone:

TBD

Existing Program

Geographic Programs—Great Lakes Restoration Initiative (EPA)

\$1 billion

Period of Availability: Available until expended

Funding Mechanism: Grant

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.

Eligible Uses: Addressing toxic substances and Areas of Concern, reduction of nonpoint source pollution, invasive species prevention, reduction of runoff contributing to harmful algal blooms, ecosystem and wetland restoration, stormwater treatment and control, nature-based infrastructure, resilient shorelines, and more

Next Milestone:

TBD

Existing Program

Geographic Programs—Gulf of Mexico (EPA)

\$53 million

Period of Availability: Available until expended
Funding Mechanism: Grant

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.

Eligible Uses: Ecosystem and wetland restoration, stormwater treatment and control, nature-based infrastructure, community resilience, resilient shorelines, and environmental education

Next Milestone:

TBD

Existing Program

Geographic Programs—Lake Champlain (EPA)

\$40 million

Period of Availability: Available until expended
Funding Mechanism: Grant

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

Next Milestone:

TBD

Existing Program

Geographic Programs—Lake Pontchartrain Restoration Program (EPA)

\$53 million

Period of Availability: Available until expended

Funding Mechanism: Cooperative agreement (discretionary grants)

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.

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.

Next Milestone:

TBD

Existing Program

Geographic Programs—Long Island Sound (EPA)

\$106 million

Period of Availability: Available until expended

Funding Mechanism: Cooperative agreement (discretionary grants)

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 with 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.

Next Milestone:
TBD

Existing Program

Geographic Programs—Northwest Forest (EPA)

\$4 million

Period of Availability: Available until expended
Funding Mechanism: Grants and interagency agreements

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

Next Milestone:
TBD

Existing Program**Geographic Programs—South Florida Geographic Initiatives Program (EPA)****\$16 million****Period of Availability:** Available until expended**Funding Mechanism:** Grant**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**Next Milestone:**

TBD

Existing Program**Geographic Programs—Southeast New England Coastal Watershed Restoration Program (EPA)****\$15 million****Period of Availability:** Available until expended**Funding Mechanism:** Grant**Recipients:** Broad eligibilities**Description:** This program's 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.

Eligible Uses: Ecosystem and wetland restoration, stormwater treatment and control, nature-based infrastructure, community resilience, resilient shorelines and environmental education

Next Milestone:

TBD

Existing Program

National Estuary Program Grants (EPA)

\$132 million



Period of Availability: Available until expended
Funding Mechanism: Grant

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 nonpoint 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, 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.

Next Milestone:

TBD

Existing Program**Geographic Programs—Chesapeake Bay Program (EPA)****\$238 million****Period of Availability:** Available until expended
Funding Mechanism: Grant**Recipients:** Broad eligibilities**Description:** The Environmental Protection Agency’s Chesapeake Bay Program awards competitive grants and cooperative agreements to reduce and prevent pollution and to improve the living resources in the Chesapeake Bay.**Eligible Uses:** Ecosystem and wetland restoration, stormwater treatment and control, nature-based infrastructure, community resilience, resilient shorelines and environmental education**Next Milestone:**
TBDExisting Program**Geographic Programs—Puget Sound (EPA)****\$89 million****Period of Availability:** Available until expended
Funding Mechanism: Grant**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.**Eligible Uses:** Ecosystem and wetland restoration, stormwater treatment and control, nature-based infrastructure, community resilience, resilient shorelines, environmental education and tribal support**Next Milestone:**
TBD

Existing Program

Geographic Programs—San Francisco Bay Water Quality Improvement Fund (EPA)

\$24 million

Period of Availability: Available until expended
Funding Mechanism: Grant

Recipients: Broad eligibilities

Description: The goal 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. Achieving significant environmental results related to wetlands restoration and water quality improvements is an overall program priority.

Eligible Uses: Ecosystem and wetland restoration, stormwater treatment and control, nature-based infrastructure, community resilience, resilient shorelines and environmental education

Next Milestone:

TBD

Other Programs

This section includes details regarding additional provisions from the IIJA. Funding under this section falls into several broad categories: (1) regional commission funds; (2) additional programs under the departments of Energy, Agriculture, and Commerce; (4) programs administered by the departments of HHS and the Interior; (5) additional DOT projects; and (6) EPA programs.

Existing Program

Appalachian Regional Commission (ARC) Funds

\$800 million

Period of Availability: Available until expended
Funding Mechanism: Grant, cooperative agreement

Recipients: States and local governments; nonprofits, both with and without 501(c)(3) status. The ARC states are Alabama, Georgia, Kentucky, Maryland, Mississippi, New York, North Carolina, Ohio, Pennsylvania, South Carolina, Tennessee, Virginia and West Virginia

Description: Programs funded by those appropriations will support activities that help bring the 13-state Appalachian Region into economic parity with the Nation.



Eligible Uses: Eligible uses are expected to support the ARC’s 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.

Next Milestone:

First funds released on May 23, 2023

Existing Program

Appalachian Area Development: Allocations to ARC States

\$100 million

Period of Availability: Available until expended
Funding Mechanism: Grant, cooperative agreement

Recipients: States and local governments; nonprofits, both with and without 501(c)(3) status. The ARC states are Alabama, Georgia, Kentucky, Maryland, Mississippi, New York, North Carolina, Ohio, Pennsylvania, South Carolina, Tennessee, Virginia and West Virginia

Description: The program will provide Area Base Development Program grant allocations to ARC’s 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.

Eligible Uses: Eligible uses will support the ARC’s 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.

Next Milestone:

Notice of Funding Opportunity released February 22, 2022

Existing Program

Appalachian Area Development: Regional Multistate Initiative

\$80 million

Period of Availability: Available until expended
Funding Mechanism: Grant, cooperative agreement

Recipients: States and local governments; nonprofits, both with and without 501(c)(3) status. The ARC states are Alabama, Georgia, Kentucky, Maryland, Mississippi, New York, North Carolina, Ohio, Pennsylvania, South Carolina, Tennessee, Virginia and West Virginia

Description: The 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 ARC’s 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.

Next Milestone:

Notice of Funding Opportunity released May 22, 2022

Existing Program

Appalachian Area Development: Community Capacity Initiative

\$10 million

Period of Availability: Available until expended
Funding Mechanism: Grant, cooperative agreement

Recipients: States and local governments; nonprofits, both with and without (501)(c)(3) status. The ARC states are Alabama, Georgia, Kentucky, Maryland, Mississippi, New York, North Carolina, Ohio, Pennsylvania, South Carolina, Tennessee, Virginia and West Virginia

Description: The 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.

Eligible Uses: Eligible uses will support the ARC’s 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.

Next Milestone:

Notice of Funding Opportunity released May 22, 2022

Existing Program

Delta Regional Authority

\$150 million

Period of Availability: Available until expended
Funding Mechanism: Grants

Recipients: States, counties, cities and townships, special districts, federally recognized tribal governments, public higher-education institutions, nonprofits with 501(c)(3) status, nonprofits

without 501(c)(3) status. The Delta Regional Authority states are Alabama, Arkansas, Illinois, Kentucky, Louisiana, Mississippi, Missouri and Tennessee.

Description: The Delta Regional Authority’s existing programs focus on public infrastructure improvements, workforce development, and business development.

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. Program to assist rural Alaskan communities that are threatened by erosion, flooding and permafrost degradation.

Next Milestone:

TBD

Existing Program

Denali Commission Funding

\$67.75 million

Period of Availability: Available until expended
Funding Mechanism: Grant

Recipients: States, counties, cities and townships, special districts, federally recognized tribal governments, public higher-education institutions, public housing authorities, American 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: TBD, but may include job training and other economic development services in rural communities and providing power generation, transmission facilities, modern communication systems, water and sewer systems and other infrastructure needs

Next Milestone:

Notice of Funding Opportunity released March 22, 2022

Existing Program**Denali Commission: Workforce Development****\$2 million****Period of Availability:** Available until expended
Funding Mechanism: Grant

Recipients: States, counties, cities and townships, special districts, federally recognized tribal governments, public higher-education institutions, public housing authorities, American 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: Workforce development

Next Milestone:

Notice of Funding Opportunity released March 22, 2022. Program to assist rural Alaskan communities that are threatened by erosion, flooding and permafrost degradation.

Existing Program**Denali Commission: Village Infrastructure Protection****\$5 million****Period of Availability:** Available until expended
Funding Mechanism: Grant

Recipients: States, counties, cities and townships, special districts, federally recognized tribal governments, public higher-education institutions, public housing authorities, American 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. Program to assist rural Alaskan communities that are threatened by erosion, flooding and permafrost degradation.

Next Milestone:

TBD

Existing Program

Northern Border Regional Commission

\$150 million

Period of Availability: Available until expended
Funding Mechanism: Grant

Recipients: States, counties, cities and townships, special districts, tribal governments (federally recognized), tribal governments (other than federally recognized), independent school districts, public higher-education institutions, private higher-education institutions, public housing authorities, American 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: Still pending final decision, but eligible uses may include transportation infrastructure, basic public infrastructure, telecommunications infrastructure, or renewable and alternative energy sources.

Next Milestone:

Estimated funds will be released in November 2022

New Program

Southeast Crescent Regional Commission Funding

\$5 million

Period of Availability: Available until expended
Funding Mechanism: Grants

Recipients: States, local governments, American Indian tribes, public organizations, nonprofits

Description: The Southeast Crescent Regional Commission is engaged in planning for the allocation of Bipartisan Infrastructure Law appropriations. The 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.

Next Milestone:

Estimated application opening date in Q3 of 2022

Existing Program

Recreation Sites (USDA)

\$55 million

Period of Availability: Available until expended
Funding Mechanism: Direct federal spending

Recipients: Forest Service funding

Description: 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

Next Milestone:

Estimated application opening date in Q3 of 2022

Existing Program

State Forest Action Plans (USDA)

\$200 million

Period of Availability: TBD
Funding Mechanism: Grants

Recipients: States and territories

Description: 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: 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.

Next Milestone:

Estimated application opening date in Q4 of 2022

Existing Program

Secure Rural Schools (USDA)

\$585 million

Period of Availability: Available until expended
Funding Mechanism: Grant, financial assistance

Recipients: States and counties

Description: Under development

Eligible Uses: 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.

Next Milestone:

Estimated application opening date in Q2 of 2022

New Program

Bioproduct Pilot Program (USDA)

\$10 million

Period of Availability: Available until expended—\$5 million in 2022 and \$5 million in 2023

Funding Mechanism: Grants (nonfederal)

Recipients: Bioproduct research facilities that are funded in part by a state, are located within 3 miles from residence halls of an institution of higher education, provide opportunities for student involvement in research, and collaborate 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: The program will support scale-up activities and studies on the benefits of biobased products including lower carbon footprints, lower solid waste requirements and with lower costs than materials on the market today.

Next Milestone:

NA

Existing Program

Landscape Scale Restoration Water Quality and Fish Passage (USDA)

\$80 million

Period of Availability: Available until expended
Funding Mechanism: Direct federal spending

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

Next Milestone:
NA

New Program

Temporary Water Crossing Structures (USDA)

\$50 million

Period of Availability: Under development
Funding Mechanism: Grant

Recipients: States, tribes

Description: Under development

Eligible Uses: Under development

Next Milestone:
Estimated application opening date in Q1 of 2023

New Program

Fish Passage (NOAA)

\$400 million

Period of Availability: Two years for each annual tranche

Funding Mechanism: Grant

Recipients: Nonprofit 501(c) organizations, state and territorial government agencies, local governments, municipal governments, tribal governments and organizations, educational institutions, or commercial (for-profit) organizations

Description: 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

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 multifaceted construction efforts

Next Milestone:

Estimated application opening date in Q2 of 2022

Existing Program

Marine Debris (NOAA)

\$150 million

Period of Availability: Two years

Funding Mechanism: Various

Recipients: Nonprofit 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 NOAA 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 fishing gear and other priority debris types, that pose a threat to NOAA-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.

Next Milestone:

Estimated application opening date in Q2 of 2022

Existing Program**Marine Debris (NOAA)****\$50 million****Period of Availability:** Two years for each annual tranche**Funding Mechanism:** Grant

Recipients: States, counties, cities and townships, special districts, tribal governments (federally recognized), tribal governments (other than federally recognized), public higher-education institutions, private higher-education institutions, nonprofits with 501(c)(3) status, nonprofits without 501(c)(3) status, small businesses, businesses (other than small businesses), an/or individuals

Description: The NOAA 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 education to increase capacity and expertise to eliminate barriers to marine debris prevention and removal

Next Milestone:

Estimated application opening date in Q2 of 2022

Existing Program**National Estuarine Research Reserve System (NOAA)****\$77 million****Period of Availability:** Two years for each annual tranche**Funding Mechanism:** Grant

Recipients: States (including District of Columbia, public institutions of higher education and hospitals); U.S. territories and possessions (including institutions of higher education and hospitals); any coastal state, including those that border the Great Lakes and including 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.

Eligible Uses: Coastal habitat restoration; coastal habitat restoration planning, engineering and design; land conservation

Next Milestone:

Estimated application opening date in Q2 of 2022

Existing Program

Regional Ocean Partnerships (NOAA)

\$56 million



Period of Availability: Two years
Funding Mechanism: Contract, cooperative agreement

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 nonfederal data

Next Milestone:

Estimated application opening date in Q2 of 2022

Existing Program

Pacific Coastal Salmon Recovery Fund (NOAA)

\$172 million



Period of Availability: Two years
Funding Mechanism: Grant

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.

Eligible Uses: Actions to support the recovery and protection of declining salmon stocks

Next Milestone:

Estimated application opening date in Q2 of 2022

New Program**Manufacturing Leadership (Sec 40534) (DOE)****\$50 million**

Period of Availability: Available until expended
Funding Mechanism: Grant

Recipients: States**Description:** To provide funding to states to invest in smart manufacturing technologies**Eligible Uses:** To facilitate access to high-performance computing resources for small and medium manufacturers and to provide financial assistance to small and medium manufacturers to implement smart manufacturing technologies and practices**Next Milestone:**

Estimated application opening date in Q4 of 2022

Existing Program**Low-Income Home Energy Assistance Program (HHS)****\$500 million**

Period of Availability: 2022–2026
Funding Mechanism: Grant

Recipients: States, territories, tribal governments (federally recognized), tribal governments (other than federally recognized), American 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 heating and cooling energy costs, bill payment, energy crises, 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 minor energy-related home repairs.**Next Milestone:**

First round of funds released in January 2022

New Program

**Good Neighbor Agreements with States and Tribes
(Dept. of the Interior)**

\$40 million

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

Recipients: States, counties, and federally recognized Indian tribes

Description: Program for states and tribes to implement restoration projects on federal lands pursuant to Good Neighbor Agreements

Eligible Uses: Restoration projects on federal lands

Next Milestone:
TBD

Existing Program

Bureau of Transportation Statistics (DOT)

\$132.5 million

Period of Availability: Available until expended

Funding Mechanism: Grants, cooperative agreements, other contracts

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, examine emerging topics, and create relevant and timely information products that foster understanding of transportation and its transformational role in society.

Next Milestone:
TBD

Existing Program

Training and Education (DOT)

\$127.5 million**Period of Availability:** Available until expended**Funding Mechanism:** Grants, cooperative agreements, other contracts**Recipients:** FHWA research, technology, and education program**Description:** 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**Next Milestone:**

TBD

Existing Program

Technology and Innovation Deployment Program (DOT)

\$90 million**Period of Availability:** Available until expended**Funding Mechanism:** Grants, cooperative agreements, other contracts**Recipients:** FHWA Research, technology, and education programs**Description:** Turn 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**Next Milestone:**

TBD

Existing Program

Technical Assistance and Workforce Development Grants (DOT)

\$27.5 million

Period of Availability: Available until expended
Funding Mechanism: Grant, cooperative agreement, contract

Recipients: National nonprofit organizations that have the appropriate, demonstrated capacity to provide public transportation-related technical assistance; providers of public transportation; standards development organizations; workforce development entities, tribal organizations

Description: The goals and objectives for Technical Assistance and Workforce Development projects vary according to the type of project.

Eligible Uses: Technical assistance, standards, workforce development, and training activities

Next Milestone:
TBD

New Program

Prioritization Process Pilot Program (DOT)

\$50 million

Period of Availability: Four years
Funding Mechanism: Grant

Recipients: States and metropolitan planning organizations serving an urbanized area with a population of more than 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.

Next Milestone:
TBD

Existing Program**Growing State Apportionments (DOT)****\$2 billion**

Period of Availability: Available until expended
Funding Mechanism: Grant

Recipients: States, counties, cities and townships, special districts, federally recognized tribal governments

Description: An additional formula funding component that is then added to either the 5307 or 5311 formula funding

Eligible Uses: Planning, capital, operating assistance

Next Milestone:

TBD

New Program**Asset Concessions (DOT)****\$100 million**

Period of Availability: Available until expended
Funding Mechanism: Grant

Recipients: States, counties, cities and townships, special districts, tribal governments (federally recognized), tribal governments (other than federally recognized), independent school districts, public higher-education institutions, private higher-education institutions, public housing authorities, American 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

Eligible Uses: An eligible entity may use amounts made available from a grant under this section for technical assistance with building the organizational capacity of the eligible entity to develop, review or enter into an asset concession.

Next Milestone:

TBD

Existing Program

Growing States and High-Density States Formula (DOT)

\$1.8 billion

Period of Availability: Available until expended
Funding Mechanism: Grant

Recipients: States, counties, cities and townships, special districts, federally recognized tribal governments

Description: An additional formula funding component that is then added to either the 5307 or 5311 formula funding

Eligible Uses: Planning, capital, operating assistance

Next Milestone:
TBD

New Program

Gulf of Mexico Hypoxia Action Plan (EPA)

\$60 million

Period of Availability: Available until expended
Funding Mechanism: Grant

Recipients: Twelve state members of the **Mississippi River/Gulf of Mexico Hypoxia Task Force** (along Mississippi Corridor/Gulf of Mexico)

Description: The Gulf of Mexico Hypoxia Task Force includes federal and state agencies and 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% by February 2025, and a long-term goal of limiting the Gulf's hypoxic zone to an average annual size of less than 5,000 square kilometers by 2035.

Eligible Uses: TBD

Next Milestone:
TBD

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