

Briefing Book

# 2021 Bipartisan Infrastructure Bill

## Funding Opportunities for States



**NCEL**

National Caucus of  
Environmental Legislators





## Overview

The bipartisan **Infrastructure Investment & Jobs Act** (enacted, 2021) provides abundant funding opportunities for states to build resilience against climate change and natural disasters, support sustainable transportation systems, restore natural resources, improve access to clean water, and much more. This briefing book is meant to provide insight for state legislators into the various programs and funding opportunities within the Bipartisan Infrastructure Law as they relate to climate and energy, conservation, and environmental health.

## Table of Contents

- Resources** ..... p. 3
- 1. Funding for Energy and Transportation** ..... p. 5
  - 1.1 Grid Modernization ..... p. 5
  - 1.2 Energy Efficiency & Buildings .....p. 5
  - 1.3 Clean Energy Workforce Development ..... p. 6
  - 1.4 Fossil Fuel Cleanup ..... p. 7
  - 1.5 Transportation ..... p. 7
- 2. Funding for Coastal Resilience** ..... p. 13
- 3. Funding for Water Infrastructure** ..... p. 15
  - 3.1 Western Water Infrastructure ..... p. 15
  - 3.2 Drinking Water ..... p. 17
  - 3.3 Clean Water ..... p. 19
  - 3.4 Water Resilience ..... p. 21
- 4. Funding for Habitat Connectivity and Natural Resource Restoration** ..... p. 22
  - 4.1 Wildlife and Habitat Connectivity ..... p. 22
  - 4.2 Water & Aquatic Ecosystems Restoration ..... p. 24
  - 4.3 Additional Restoration Measures ..... p. 25





## Resources

### • **Summaries**

- » Fact Sheet: The Bipartisan Infrastructure Deal ([The White House](#))
- » Fact Sheet: EPA & The Bipartisan Infrastructure Law ([Environmental Protection Agency](#))
- » Infrastructure Investment and Jobs Act ([National Conference of State Legislatures](#))
- » Issue Brief: Estimating the Greenhouse Gas Impact of Federal Infrastructure Investments in the IIJA ([Georgetown Climate Center](#))
- » Bipartisan Senate Infrastructure Bill Contains Critical Investments in Conservation ([Theodore Roosevelt Conservation Partnership](#))
- » House passes infrastructure bill, wins much praise ([The Fence Post](#))

### • **Grid Modernization**

- » DOE Fact Sheet: The Bipartisan Infrastructure Deal Will Deliver For American Workers, Families and Usher in the Clean Energy Future ([Department of Energy](#))
- » Transmission Siting Reforms in the Infrastructure Investment and Jobs Act of 2021 ([Institute for Policy Integrity](#))
- » Biden signs \$1.2 trillion infrastructure bill with funding for EVs, transmission, hydrogen ([Utility Dive](#))

### • **Energy Efficiency & Buildings**

- » Building Sector Provisions of the Bipartisan Infrastructure Deal ([American Institute of Architects](#))

### • **Pollution Control**

- » Fact Sheet: EPA & The Bipartisan Infrastructure Law ([Environmental Protection Agency](#))

### • **Transportation**

- » Bipartisan Infrastructure Law Summary ([Metropolitan Transportation Commission of the San Francisco Bay Area](#))
- » Infrastructure Investment and Jobs Act: Public Transit Infrastructure and Safety ([The Council of State Governments](#))
- » 7 Ways the New Infrastructure Package Invests in Planning ([American Planning Association](#))
- » Bipartisan Infrastructure Law (BIL): Overview of Highway Provisions ([Federal Highway Administration](#))
- » Bipartisan IIJA Analysis: Transportation Provisions ([National Association of Regional Councils](#))
- » Fact Sheet: What the Bipartisan Infrastructure Deal Will Mean for American Mobility ([Department of Transportation](#))
- » Bipartisan Infrastructure Law Webinar (1/7/22) ([Federal Transit Authority](#))





- **Water Infrastructure**

- » Infrastructure Bill will Help Address Declining Water Levels and Drought in the West ([Audubon Society](#))
- » Biden signs infrastructure bill with funding boosts for the water sector ([Water Finance & Management](#))
- » Infrastructure Investment and Jobs Act (IIJA): Drinking Water and Wastewater Infrastructure ([Congressional Research Service](#))
- » Bipartisan Infrastructure Law: A Historic Investment in Water ([EPA](#))
- » Bipartisan Infrastructure Law 2022 State Revolving Fund (SRF) Estimated Allotments to States, Tribes, and Territories by Program ([EPA](#))
- » Assistance for Small and Disadvantaged Communities Drinking Water Grant Program ([EPA](#))
- » How the Drinking Water State Revolving Fund Works ([EPA](#))
- » Drinking Water and Wastewater Resilience ([EPA](#))
- » DWSRF Set-Asides Fact Sheet and Case Studies: Source Water Protection ([EPA](#))

- **Habitat Connectivity**

- » Bipartisan Infrastructure Package Provides Critical Funding to Reduce Wildlife-Vehicle Collisions ([Wildlands Network](#))
- » Toolkit for developing effective wildlife crossings under the Wildlife Corridor Pilot Program ([Center for Large Landscape Conservation](#))
- » StoryMap showcasing wildlife crossings in each state ([Arc Solutions](#))
- » Infographic detailing avoided costs by implementing wildlife crossings ([Arc Solutions](#))





## 2021 Bipartisan Infrastructure Bill Climate and Energy State Funding Opportunities

The bipartisan **Infrastructure Investment & Jobs Act** (enacted, 2021) provides significant funding opportunities for states to invest in infrastructure that reduces emissions or increases resilience to climate change. Chief amongst these programs are:

### Grid Modernization

- **SEC. 40101 Preventing Outages and Enhancing the Resilience of the Electric Grid**
  - » **Description:** A grant that may be used for activities, technologies, equipment, and hardening measures to reduce the likelihood and consequences of disruptive events.
  - » **Allocation:** \$5 billion for the period of fiscal years 2022 through 2026.
  - » See more information on p. 495
  - » **Resource:** [\\$1.2 Trillion Infrastructure Act – Three Transformative Energy Programs](#) - JDSupra
- **SEC. 40103 Electric Grid Reliability and Resilience Research, Development, and Demonstration**
  - » **Description:** Creates “Upgrading Our Electric Grid and Ensuring Reliability and Resiliency Program” to provide, on a competitive basis, federal financial assistance to coordinate and collaborate with electric sector owners and operators 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, implemented through States by public and rural electric cooperative entities on a cost-shared basis.
  - » **Allocation:** \$5 billion for the period of fiscal years 2022 through 2026.
  - » See more information on p. 500
  - » **Resource:** [\\$1.2 Trillion Infrastructure Act – Three Transformative Energy Programs](#) - JDSupra

### Energy Efficiency & Buildings

- **SEC. 40502 Energy Efficiency Revolving Loan Fund Capitalization Grant Program**
  - » **Description:** Establishes a program to provide capitalization grants to States to establish a revolving loan fund under which the State shall provide loans and grants, as applicable, in accordance with this section.
  - » **Allocation:** \$250 million for fiscal year 2022, to remain available until expended. \$15 million grant maximum.
  - » See more information on p. 623





- **SEC. 40551 Weatherization Assistance Program**

- » **Description:** Funds the weatherization assistance program established under the Energy Conservation and Production Act.
- » **Allocation:** \$3.5 billion for fiscal year 2022, to remain available until expended.
- » See more information on p. 647
- » **Resource:** [Weatherization Assistance Program](#) - Department of Energy, Office of Energy Efficiency and Renewable Energy

- **SEC. 40552 Energy Efficiency and Conservation Block Grant Program**

- » **Description:** Establishes programs for financing energy efficiency, renewable energy, and zero-emission transportation, capital investments, projects, and programs, which may include loan programs and performance contracting programs, for leveraging of additional public and private sector funds, and programs that allow rebates, grants, or other incentives for the purchase and installation of energy efficiency, renewable energy, and zero-emission transportation measures.
- » **Allocation:** \$550 million for fiscal year 2022, to remain available until expended.
- » See more information on p. 648
- » **Resource:** [Energy Efficiency and Conservation Block Grant Program](#) - Department of Energy, Office of Energy Efficiency and Renewable Energy

## Clean Energy Workforce Development

- **SEC. 40503 Energy Auditor Training Grant Program**

- » **Description:** Establishes a competitive grant program to train individuals to conduct energy audits or surveys of commercial and residential buildings. An eligible State that receives a grant shall use the grant funds to cover any cost associated with individuals being trained or certified to conduct energy audits by the State; or 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.
- » **Allocation:** \$40 million for the period of fiscal years 2022 through 2026. \$2 million grant maximum
- » See more information on p. 628





## Fossil Fuel Cleanup

- **SEC. 40601 Orphaned Well Site Plugging, Remediation, and Restoration**

- » **Description:** Provides initial, formula, and performance grants to plug, remediate, and reclaim orphaned wells located on State-owned or privately owned land.
- » **Allocation:** \$775 million for initial grants, \$2 billion for formula grants, and \$1.5 billion for performance grants
- » See more information on p. 652
- » **Resource:** [Bipartisan Infrastructure Deal Will Clean Up Legacy Pollution, Protect Public Health](#) - Department of Interior

## Transportation

### *Active Transportation*

- **SEC. 11119 Safe Routes to School**

- » **Description:** Tasks the Secretary with establishing a safe routes to school program to enable and encourage K-12 children, including those with disabilities, to walk and bicycle to school. The program will facilitate the planning, development, and implementation of projects and activities that make it more appealing to walk and bike to school.
- » **Minimum grant amount:** \$1 million
- » **Allocation:** Amounts per fiscal year shall be apportioned among the States so that each State receives the amount equal to the proportion that the total student enrollment in each State bears to the total student enrollment in all States.
- » See more information on p. 67

- **SEC. 11529 Active Transportation Infrastructure Investment Program**

- » **Description:** Creates an active transportation infrastructure investment competitive grant program to construct eligible projects to provide safe and connected active transportation facilities in an active transportation network or active transportation spine.
- » **Allocation:** \$200 million for 2022-2026
- » See more information on p. 184





### *Transportation Electrification*

- **SEC. 11401 Grants for Charging and Fueling Infrastructure**

- » **Description:** Establishes a grant program to deploy publicly accessible electric vehicle charging infrastructure, hydrogen fueling infrastructure, propane fueling infrastructure, and natural gas fueling infrastructure along designated alternative fuel corridors or in certain other locations that will be accessible to all drivers. Prioritizes rural areas, low- and moderate-income neighborhoods, and communities with a low ratio of private parking spaces to households or a high ratio of multi-unit dwellings to single family homes.
- » **Allocation:** \$2.5 billion. \$15 million grant maximum.
- » See more information on pg 118
- » **Resource:** [Development of Guidance for Electric Vehicle Charging Infrastructure Deployment](#) - Federal Highway Administration

- **SEC. 30018 Grants for Bus and Bus Facilities**

- » **Description:** Includes a preference for projects relating to the acquisition or leasing of low or no emission buses or bus facilities that make greater reductions in energy consumption and harmful emissions, including direct carbon emissions, than comparable standard buses or other low or no emission buses.
- » **Allocation:** \$5.1 billion
- » See more information on p. 487

- **SEC. 40109 State Energy Program**

- » **Description:** Provides formula funding for state energy programs to increase transportation energy efficiency, including programs to help reduce carbon emissions in the transportation sector by 2050 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.
- » **Allocation:** \$500 million for the period of fiscal years 2022 through 2026.
- » See more information on p. 516

*Continue to next page for more on Transportation Electrification* →







- **SEC. 71101 Clean School Bus Program**

- » **Description:** Establishes a program to award grants, rebates, and contracts on a competitive basis to eligible recipients for the replacement of existing school buses with clean or zero-emission school buses.
- » **Allocation:** \$1 billion for each of fiscal years 2022 through 2026
- » See more information on p. 893
- » **Resource:** [Clean School Bus Program Funding](#) - Environmental Protection Agency; [Infrastructure Act Funding for School Bus Electrification Will Have Economic Impact](#) - Advanced Energy Economy

- **SEC. 71102 Electric or Low-Emitting Ferry Pilot Program**

- » **Description:** Creates a pilot program to provide grants for the purchase of electric or low-emitting ferries and the electrification of or other reduction of emissions from existing ferries.
- » **Allocation:** \$50 million for each of fiscal years 2022 through 2026
- » See more information on p. 897

### **Low-Carbon Transportation Planning**

- **SEC. 11206. Increasing Safe and Accessible Transportation Options**

- » **Description:** Requires that states and metropolitan planning organizations set aside 2.5 percent of their planning funding for designing “complete streets” projects and policies that will improve safety and accessibility for all users of the road. Complete Streets standards or policies means standards or policies that ensure the safe and adequate accommodation of all users of the transportation system, including pedestrians, bicyclists, public transportation users, children, older individuals, individuals with disabilities, motorists, and freight vehicles.
- » See more information on p. 96

- **SEC. 11403. Carbon Reduction Program**

- » **Description:** Establishes a carbon reduction program to reduce transportation emissions. States are required to develop a carbon reduction strategy.
- » **Allocation:** \$6.8 billion
- » See more information on p. 127

*Continue to next page for more on Low-Carbon Transportation Planning* →





- **SEC. 11404. Congestion Relief Program**

- » **Description:** The goals of the program are to reduce highway congestion, reduce economic and environmental costs associated with that congestion, including transportation emissions, and optimize existing highway capacity and usage of highway and transit systems. States can use this grant for projects in an urbanized area with a population of more than 1 million. The Secretary shall give priority to projects in urbanized areas that are experiencing a high degree of recurrent congestion.
- » **Allocation:** \$250 million over 5 years. \$10 million minimum grant amount.
- » See more information on p. 130

### *Rail Transportation*

- **SEC. 22306. Interstate Rail Compacts**

- » **Description:** The Secretary of Transportation shall establish a competitive grant program to provide financial assistance to entities implementing interstate rail compacts.
- » **Maximum grant amount:** \$1 million
- » See more information on p. 295

- **SEC. 22307. Federal-State Partnership for Intercity Passenger Rail Grants**

- » **Description:** Expands existing state of good repair grant programs to allow for projects focused on intercity passenger rail.
- » See more information on p. 297

- **SEC. 22308. Corridor Identification and Development Program**

- » **Description:** The Secretary of Transportation shall establish a program to facilitate the development of intercity passenger rail corridors. States can prepare to participate by working with their regional transportation planning entities to develop proposals.
- » See more information on p. 302

- **SEC. 30016. State of Good Repair Grants**

- » **Description:** Creates Federal-State Partnership for Intercity Passenger Rail. Provides competitive grants for rail vehicle replacement to assist states and local governments in financing capital projects for replacement, new, or expanded rail rolling stock.
- » **Allocation:** \$43.5 billion
- » See more information on p. 483





### *Transportation Resilience*

- **SEC. 11405. Promoting Resilient Operations for Transformative, Efficient, and Cost-Saving Transportation (Protect) Program.**
  - » **Description:** The purpose of the program is to provide grants for resilience improvements through formula funding distributed to States, competitive planning grants to enable communities to assess vulnerabilities to current and future weather events and natural disasters and changing conditions; and competitive resilience improvement grants to protect surface transportation, coastal infrastructure, and natural infrastructure.
  - » **Allocation:** \$7.3 billion in formula funding, in addition to \$1.4 billion of competitive grant funding appropriated through the Highway Trust Fund.
  - » See more information on p. 133
- **SEC. 11406. Healthy Streets Program**
  - » **Description:** Provide grants to deploy cool pavements and porous pavements and to expand tree cover. Prioritizes projects in low-income or disadvantaged communities; entering into a community benefits agreement with representatives of a community; or partnering with a qualified youth or conservation corps.
  - » **Allocation:** \$500 million. Maximum grant of \$15 million.
  - » See more information on p. 147
  - » **Resource:** [Infrastructure Bill Boosts Equity Focus for Urban Tree Plantings](#) - Bloomberg

### *Rural Transportation Infrastructure*

- **SEC. 11132. Rural Surface Transportation Grant Program**
  - » **Description:** Establishes a rural surface transportation grant program to provide grants, on a competitive basis, to eligible entities to improve and expand the surface transportation infrastructure in rural areas. The goals of the program shall be to increase connectivity, improve the safety and reliability of the movement of people and freight, and generate regional economic growth and improve quality of life.
  - » **Allocation:** \$2 billion. Minimum grant of \$25 million.
  - » See more information on p. 82

*Continue to next page for more on Rural Transportation Infrastructure* —————>





- **SEC. 71103. Ferry Service for Rural Communities**

- » **Description:** Establishes a program to ensure that basic essential ferry service is provided to rural areas by providing funds to States to provide such basic essential ferry service.
- » **Allocation:** \$200 million for each of fiscal years 2022 through 2026.
- » See more information on p. 898
- » **Resource:** [The infrastructure package boosts an unsung hero of rural transportation: ferries](#) - Popular Science





## 2021 Bipartisan Infrastructure Bill Coastal Resilience Funding Opportunities

The bipartisan **Infrastructure Investment & Jobs Act** (enacted, 2021) provides funding opportunities for states to invest in coastal resiliency through restoration projects and long-term sustainable infrastructure. Chief amongst these programs are:

### National Oceanic and Atmospheric Administration (NOAA) *(Division J, Title II)*

- **National Oceans and Coastal Security Fund ([Go to section](#))**
  - » **Description:** The grant program is administered by the National Fish and Wildlife Foundation (NFWF) and supports activities to “understand and utilize ocean and coastal resources and coastal infrastructure [...] in coordination with Federal and State departments or agencies.”
  - » **Allocation:** \$492 million through 2026
  - » See p. 2476
- **National Sea Grant College Program ([Learn more](#))**
  - » **Description:** The Sea Grant College Program consists of a federal/university partnership and has programs in every coastal state in the US, as well as in Puerto Rico and Guam. State Sea Grant Programs offer funding for various topics within the program’s strategic priorities.
  - » **Allocation:** \$50 million for marine debris prevention and removal
  - » See p. 2477
- **Regional Ocean Partnerships (ROPs) ([Learn more](#))**
  - » **Description:** Including state/federal partnerships, such as the Northeast Regional Ocean Council (NROC), or state regional partnerships, like the Mid-Atlantic Regional Council on the Ocean (MARCO) or the West Coast Ocean Alliance (WCOA).
  - » **Allocation:** \$56 million for established ROPs to coordinate interstate and intertribal management of coastal resources and integration of Federal and non-Federal data.
  - » See p. 2478
- **Pacific Coastal Salmon Recovery Fund ([Learn more](#))**
  - » **Description:** This grant program provides funding to States and Tribes to restore and conserve salmon populations.
  - » **Allocation:** \$172 million over 5 years
  - » See p. 2481





- **Coastal and Estuarine Land Conservation Program ([Learn more](#))**
  - » **Description:** The Coastal and Estuarine Land Conservation Program gives grants to National Estuarine Research Reserves to “protect important coastal and estuarine areas that have significant conservation, recreation, ecological, historical, or aesthetic values, or that are threatened by conversion from their natural, undeveloped, or recreational state to other uses or could be managed or restored to effectively conserve, enhance, or restore ecological function.” The Program also gives grants to coastal states with approved coastal zone management plans, under the Coastal Zone Management Act (CZMA), to further the goals of the CZMA.
  - » **Allocation:** \$77 million to National Estuarine Research Reserves and \$207 million pursuant to the CZMA.
  - » See p. 2477
- **Community-Based Restoration Program for Fishery and Coastal Habitats ([Learn more](#))**
  - » **Description:** The Program’s goal is to support the restoration of fisheries and coastal habitats through technical and financial assistance.
  - » **Allocation:** \$400 million for restoring fish passage (minimum 15% for Indian Tribes or partnerships of Indian Tribes with an institution of higher education, nonprofit, for profit, US territory, or state and local government).
  - » See p. 2478

## Environmental Protection Agency (EPA) (*Division J, Title VI*)

- **National Estuary Program (NEP) ([Learn more](#))**
  - » **Description:** Restore America’s Estuaries, in close coordination with EPA, administers the [NEP Coastal Watersheds Grant Program](#), which addresses a number of coastal issues, including habitat degradation, harmful algae blooms, excess nutrients, and sea level rise.
  - » **Allocation:** \$132 million for NEP (26.4 million per year through 2026)
  - » See p. 2578
- **Gulf Hypoxia Action Plan ([Learn more](#))**
  - » **Description:** The Gulf Hypoxia Action Plan presents the national strategy to reduce and mitigate hypoxia in the Northern Gulf of Mexico. The Hypoxia Task Force Task addresses excess nitrogen and phosphorus loads in the Mississippi/Atchafalaya River Basin and strategies to reduce the Gulf hypoxic zone.
  - » **Allocation:** \$12 million per year through 2026 in equal amounts to each Mississippi River Basin state.
  - » See p. 2579





## 2021 Bipartisan Infrastructure Bill Water Justice Funding Opportunities

The bipartisan **Infrastructure Investment & Jobs Act** (enacted, 2021) provides significant funding opportunities for states to address issues of water quality and quantity. Chief amongst these programs are:

### Western Water Infrastructure

- **SEC. 40804. Ecosystem restoration**

- » **Description:** Funds a wide range of projects to improve the ecological health of land and waters, including detecting and removing invasive species, restoring streambeds, improving water quality and fish passages on federal and private lands and waters.
- » **Allocation:** \$2.1 billion over five years
- » See more information on p. 677
- » **Resource:** [Infrastructure plan water components](#)

- **SEC. 40902. Water Storage, Groundwater Storage, and Conveyance Projects**

- » **Description:** Directs the Department of the Interior (DOI) to conduct feasibility studies for water storage, groundwater storage and conveyance projects. Projects are only eligible for funding under this section if authorized by congress before the enactment of this act and other requirements are listed.
- » **Allocation:** Federal cost share, shall not exceed 25% for non-federally owned projects
- » See more information on p. 690
- » **Resource:** [Senate passes infrastructure investment and jobs act](#)

- **SEC. 40903. Small Water Storage and Groundwater Storage Projects**

- » **Description:** Provides, through the DOI, a competitive grant program for Reclamation states, plus Alaska and Hawaii, for small water storage and groundwater storage projects.
- » **Allocation:** Grant funds would cover the federal share of planning, design and construction costs. The federal cost share for projects shall not exceed the lesser of 25% of project costs or \$30 million.
- » See more information on p. 691

*Continue to next page for more on Western Water Infrastructure* →





- **SEC. 40905. Competitive Grant Program For Large-Scale Water Recycling and Reuse Program**
  - » **Description:** Establishes a program to provide grants to eligible entities on a competitive basis for the planning, design, and construction of large-scale water recycling and reuse projects that provide substantial water supply and other benefits to the Reclamation States (Western states). Eligible entities include states, tribes, municipalities, irrigation districts, water districts, wastewater districts or other organizations with water or power delivery authority. Projects funded through the program must have a total estimated cost of at least \$500 million, be technically and financially feasible and provide a federal benefit under the reclamation laws.
  - » **Federal Cost Share:** no more than 25 percent of the total cost of the eligible project
  - » **Allocation:** \$1 billion over five years
  - » See more information on p. 694
  - » **Resource:** [Congress Passes Infrastructure Investment and Jobs Act, Including Historic Investments in Water Recycling](#)
  
- **SEC. 40907. Multi-benefit projects to improve watershed health**
  - » **Description:** Creates a competitive grant program for habitat restoration projects that improve watershed health in river basins adversely impacted by a Bureau of Reclamation water project. Eligible entities include states, tribes, local governments, organizations with power or water delivery authority, regional authorities or nonprofit conservation organizations. Eligible projects must provide at least one of the following: ecosystem benefits; restoration of native species; mitigation of climate change impacts for fish and wildlife habitats; protection against invasive species; enhancement of commercial, recreational, subsistence or tribal ceremonial fishing; or enhancement of river-based recreation.
  - » **Allocation:** The federal cost share shall not exceed 50% of project costs, or 75% for projects in which the non-consumptive water conservation benefit or habitat restoration benefit accounts for at least 75% of costs.
  - » See more information on p. 697
  
- **SEC. 40910 Federal Assistance for Groundwater Recharge, Aquifer Storage, and Water Source Substitution Projects**
  - » **Description:** Directs the DOI to offer technical and financial assistance and enter into agreements with tribes, states, or public agencies for groundwater recharge projects, aquifer storage and recovery projects, or water source substitution projects on a cost sharing basis. In order to receive funding, the Secretary of the Interior must find the project to be technically and financially feasible; determine that sufficient non-federal funding is available for the project's non-federal cost share; and find the project to be in the public interest and recommend the project for construction. (*Continues on next page*)







- **SEC. 40910 (Continued)**

- » **Allocation:** Federal cost share, shall not exceed 25% for non-federally owned projects
- » See more information on p. 698

## Drinking Water

- **SEC. 50101. Technical assistance and grants for emergencies affecting public water systems**

- » **Description:** States and publicly-owned water systems will receive technical assistance from the EPA in response to emergencies such as, cybersecurity events and water contamination.
- » **Allocation:** \$35 million for each fiscal year through 2026. \$15 million for small public water systems for each fiscal year through 2026 (2022-2026)
- » See more information on p. 707

- **SEC. 50102. Drinking water state revolving loan funds**

- » **Description:** Provides funding to the Drinking Water State Recovery Loan Fund program to help water systems and states achieve clean drinking water (standards).
- » **Allocation:** \$2.4 billion for fiscal year 2022; \$2.75 billion for fiscal year 2023; \$3 billion for fiscal year 2024; \$3.25 billion for fiscal years 2025 and 2026
- » Reauthorizes a provision in the Safe Drinking Water Act that allows up to 2% of funds to be used for technical assistance to small public water systems.
- » See more information on p. 708
- » **Resource:** [How the Drinking Water State Revolving Fund works](#)

- **SEC. 50103. Source water petition program**

- » **Description:** Provides funding for the Source Water Petition Program with \$5 million annually through 2026. States designate counties to act on behalf of an unincorporated area to submit source water quality protection petitions are authorized to request that a state assist with the development of a local partnership to reduce drinking water contaminants and protect the source water of community water systems.
- » See more information on p. 709

*Continue to next page for more on Drinking Water* →





- **SEC. 50104. Assistance for small and disadvantaged communities**

- » **Description:** To improve drinking water resources in small and disadvantaged communities, the Assistance for Small and Disadvantaged Communities Program establishes a pilot competitive grant program for states to provide funding to underserved communities for drinking water infrastructure. Eligible projects and activities include: (1) Contamination removal using point-of-entry or point-of-use filters and (2) investments to explore filtration needs and safety and options for lead service line replacement.
- » **Allocation:** \$70 million for fiscal year 2022; \$80 million for fiscal year 2023; \$100 million for fiscal year 2024; \$120 million for fiscal year 2025; \$140 million for fiscal year 2026.
- » See more information on p. 709
- » **Resource:** [Infrastructure Investment and Jobs Act \(IIJA\): Drinking Water and Wastewater Infrastructure](#)

- **SEC. 50105 Reducing Lead in Drinking Water**

- » **Description:** \$10 billion in funding is available to address PFAS contamination split through three programs: (1) \$5 billion through the EPA’s Assistance to Small and Disadvantaged Communities Program and State Response to Contaminants program to address emerging contaminants. (2) \$4 billion through the Drinking Water State Revolving Fund for emerging contaminants with a focus on PFAS. (3) \$1 billion through the Clean Water State Revolving Fund to address emerging contaminants.
- » See more information on p. 712

- **SEC. 50106. Operational sustainability of small public water systems**

- » **Description:** Establishes a grant program for states and local entities to improve the operational sustainability of small public water systems that serve fewer than 10,000 people. Grant funds can be used for projects that improve the operation sustainability of one or more small water systems through: (1) The development of a detailed asset inventory, which may include drinking water sources, wells, storage, valves, treatment systems, distribution lines, hydrants, pumps, controls, and other essential infrastructure. (2) The development of an infrastructure asset map. (3) The deployment of leak detection and metering technology. (4) Training in asset management strategies, techniques, and technologies for appropriate staff employed by an eligible entity.
- » **Allocation:** The federal cost share of projects carried out using grant funds is 90%, though the EPA administrator has the discretion to increase the federal cost share of a project to 100%. Authorizes \$50 million for the program for each of fiscal years 2022 through 2026
- » See more information on p. 714





- **SEC. 50110. Lead contamination in school drinking water**

- » **Description:** This bill changes the Voluntary School and Child Care Program Lead Testing Grant Program to the Voluntary School and Child Care Program Lead Testing and reduction grant program. The bill expands the eligibility for the program to include public water systems, qualified nonprofits, and tribal (consortia).
- » **Allocation:** \$30 million for fiscal year 2022; \$35 million for fiscal year 2023; \$40 million for fiscal year 2024; \$45 million for fiscal year 2025; and \$50 million for fiscal year 2026.
- » See more information on p. 722

## Clean Water

- **SEC. 50201. Research, investigations, training and information**

- » **Description:** Provides grants to state water pollution control agencies so that they can conduct and promote the coordination and acceleration of research, investigations, experiments, training, demonstrations, surveys and studies relating to the causes, effects, extent, prevention, reduction and elimination of pollution.
- » **Allocation:** \$75 million for each fiscal year from 2022 through 2026.
- » See more information on p. 730

- **SEC. 50204. Sewer overflow and stormwater reuse municipal grants**

- » **Description:** Projects that are eligible for sewer overflow and stormwater reuse municipal grants has been expanded to include notification systems to inform the public of combined sewer or sanitary overflow events that result in sewage being released into rivers and waterways.
- » **Allocation:** \$280 million for each fiscal year from 2022 through 2026.
- » See more information on p. 732

- **SEC. 50210 Clean Water State Revolving Funds**

- » **Description:** Funding for states to provide grants and other loan forgiveness to entities using water pollution control revolving funds.
- » **Allocation:** \$2.4 billion for fiscal year 2022; \$2.75 billion for fiscal year 2023; \$3 billion for fiscal year 2024; \$3.25 billion for each fiscal years 2025 and 2026
- » See more information on p. 741





- **SEC. 50211. Water infrastructure and workforce investment**
  - » **Description:** Amends the scope of the Innovative Water Infrastructure Workforce Development Program to include: (1) Expanding the use and availability of activities and strategies pertaining to the development of innovative activities and strategies, that relate to the retention and maintenance of a sustainable workforce. (2) Expanding the availability of training opportunities for individuals entering into and seeking career advancement within the water and wastewater utility sector.
  - » **Allocation:** Provides \$5 million annually between fiscal years 2022 and 2026.
  - » See more information on p. 742
  
- **SEC. 50213. Water data-sharing pilot program**
  - » **Description:** States with coastal watersheds or water systems with significant pollution levels or with significant individual water infrastructure deficits are eligible for this pilot program. The program establishes information sharing systems for water quality, water infrastructure needs and water technology between states and local governments. Allocates \$15 million annually for fiscal years 2022 through 2026.
  - » See more information on p. 744
  
- **SEC. 50222. Enhanced aquifer use and recharge**
  - » **Description:** Creates an enhanced aquifer use and recharge research program. States can use 50% of the program's funds to engage in activities supporting this research with the remaining funds being distributed to one research center. Allocates \$5 million annually for fiscal years 2022 through 2026. See more information on p. 753.
  
- **SEC. 50217 Stormwater Infrastructure Technology**
  - » **Description:** Establishes a grant program for the creation of three to five stormwater control infrastructure technology centers for research and support. And, creates a grant program for stormwater control infrastructure project planning or implementation.
  - » **Allocation:** \$5 million in each of fiscal years 2022 through 2026 for technology center grants, \$10 million in each of fiscal years 2022 through 2026 for stormwater control project grants, federal cost share not exceeding 80%, maximum amount of grant is \$200,000 for planning and \$2 million for implementation.
  - » See more information on p. 747

*Continue to next page for more on Clean Water* →





- **SEC. 50213 Water Data Sharing Pilot Program**
  - » **Description:** Establishment of a grant pilot program to improve water data sharing.
  - » **Allocation:** \$15 million for each of fiscal years 2022 through 2026
  - » See more information on p. 744
- **SEC. 50222. Enhanced Aquifer Use and Recharge**
  - » **Description:** Expands groundwater recharge and protection for states, local governments, tribes, and research centers.
  - » **Allocation:** \$5 million for each of fiscal years 2022 through 2026.
  - » See more information on p. 753

## Water Resilience

- **SEC. 11405 Promoting Resilient Operation for Transformative, Efficient, and Cost-saving Transportation (Protect) Program**
  - » **Description:** Program that includes some support for making transportation assets more resilient to flooding, droughts, natural disasters, sea level rise, etc.
  - » **Allocation:** Federal cost share not exceeding 80% of project cost, state can use other federal funds to meet the non-federal cost share requirements.
  - » See more information on p. 133
- **SEC. 11406. Healthy Streets program**
  - » **Description:** Program that supports “cool” and “porous” pavement that will mitigate some impacts of rising urban temperatures and reduce stormwater risks.
  - » **Allocation:** Federal cost share is 80% of project
  - » See more information on p. 147





## 2021 Bipartisan Infrastructure Bill

### Funding Opportunities for Habitat Connectivity and Natural Resource Restoration

The bipartisan **Infrastructure Investment & Jobs Act** (enacted, 2021) provides significant funding opportunities for states to address issues of wildlife connectivity and natural resource restoration. Chief amongst these programs are:

#### Wildlife & Habitat Connectivity

- **SEC 11123 Wildlife Crossing Pilot Program**

- » **Description:** A 5 year pilot-program that establishes competitive grants to reduce wildlife vehicle collisions (WVCs) and improve habitat connectivity. Grants will be considered upon the following criteria: Hotspot Assessment; ability to leverage non-federal funds through private-public partnerships; impact on local economies; provisioning of educational and outreach opportunities; incorporation of innovative technology
- » 60% of grants must go to rural areas.
- » State entities eligible for funding include: DOTs, Tribes, MPOs, FLMAs, RTAs, local governments, and special purpose districts.
- » Eligible partners for states to partner with include: Foundations, NGOs, and Universities
- » **Allocation:** \$350 million; Funding will be increased each year starting with Fiscal Year 2022: Yr1 \$60m, Yr2 \$65m, Yr3 \$70m, Yr4 \$75m, Yr5 \$80m
- » Annual reports will be required on projects starting at the end of 2022
- » See more information on p. 71
- » **Resource:** Special thanks to Renee Callahan, Executive Director of ARC Solutions, for her guidance and [research](#) shared with NCEL.

- **SEC. 11109 Surface Transportation Block Program**

- » **Description:** Construction of wildlife crossings intended to reduce WVCs through project-related planning, design, construction, monitoring, and preventative maintenance.
- » **Allocation:** \$72 billion over 5 years
- » See more information on p. 33
- » **Resource:** <https://www.fhwa.dot.gov/specialfunding/stp/>

*Continue to next page for more on Wildlife & Habitat Connectivity* →





- **SEC. 11118 Bridge Investment Program**

- » **Description:** 5 years of funding for projects that replace or rehabilitate culverts for the purpose of improving habitat connectivity for aquatic species.
- » **Allocation:** \$6.5 billion over 5 years
- » See more information on p. 55
- » **Resource:** <https://www.portman.senate.gov/newsroom/press-releases/bipartisan-infrastructure-legislation-passes-house-includes-bridge-repair>

- **SEC. 11110 Nationally Significant Freight & Highway Projects**

- » **Description:** Funding for projects that include wildlife crossing projects and funding for small projects is increased from 10% to 15%
- » **Allocation:** \$4.8 billion over 5 years
- » See more information on p. 40

- **SEC. 11112 Federal Lands Transportation Program**

- » **Description:** 5 years of funding which doubles the annual cap on FLTP funds from \$10 million to \$20 million per year for projects that address wildlife connectivity.
- » **Allocation:** \$2.2 billion with \$20 million for wildlife connectivity projects
- » See more information on p. 51
- » **Resource:** <https://highways.dot.gov/federal-lands/programs/transportation>

- **SEC. 21203 National Culvert Removal, Replacement, and Restoration Grant Program**

- » **Description:** 5 years of funding to replace, repair, or remove culverts that would improve or restore fish movement. Eligible entities for funding are states, local governments, or tribes.
- » **Allocation:** \$1 billion over 5 years
- » See more information on p. 248
- » **Resource:** <https://www.thedailyworld.com/news/federal-infrastructure-bill-includes-1-billion-for-culvert-grants/>

- **SEC. 11528 Pollinator Friendly Highways**

- » **Description:** 5 years of funding for activities that benefit pollinators on roadsides and highway rights-of-way, including the planting and seeding of native, locally-appropriate grasses and wildflowers. Eligible entities for funding are states, local governments, or tribes.
- » **Allocation:** \$10 million
- » See more information on p. 182
- » **Resource:** [“Pollinators Could Win When the Infrastructure Bill Passes”](#)





## Water & Aquatic Ecosystems Restoration

- **SEC. 601 Great Lakes Restoration Initiative**

- » **Description:** Boosts funding for the nation's large lakes including the Chesapeake Bay, San Francisco Bay, Puget Sound, Long Island Sound, Gulf of Mexico, South Florida, Lake Champlain, Lake Pontchartrain, the Southern New England Estuaries, the Columbia River Basin, and the Pacific Northwest.
- » **Allocation:** \$ 1 billion
- » See more information on p. 968
- » **Resource:** <https://www.epa.gov/great-lakes-funding/great-lakes-restoration-initiative-glri>

- **SEC. 40901 WaterSMART Grants**

- » **Description:** \$100 million set aside for natural infrastructure solutions that enhance resilience to drought and wildfires, facilitate water conservation, create new habitat, and improve water quality.
- » **Allocation:** \$100 million
- » See more information on p. 689
- » **Resource:** <https://www.usbr.gov/watersmart/weeg/>

- **Division J Appropriations: Pacific Salmon Coastal Recovery**

- » **Description:** 5 years of funding to aid in the recovery of Pacific Salmon along the West Coast
- » **Allocation:** \$172 million
- » See more information p. 929
- » **Resource:** <https://www.fisheries.noaa.gov/grant/pacific-coastal-salmon-recovery-fund>

- **SEC. 50210: Clean Water State Revolving Fund Program**

- » **Description:** Funding to support estuary restoration and stormwater management
- » **Allocation:** \$14.65 billion
- » See more information on p. 741

- **SEC. 40901 Colorado River Drought Contingency Plans**

- » **Description:** Funding to improve Colorado River Basin management.
- » **Allocation:** \$300 million
- » See more information on p. 689
- » **Resource:** <https://www.usbr.gov/dcp/>







- **Division J Appropriations: US Army Corps of Engineers Aquatic Ecosystem Restoration Fund**
  - » **Description:** Increases the funding available to the US Army Corps of Engineers for the Aquatic Ecosystem Restoration that prioritizes multi-purpose programs and shore protection
  - » **Allocation:** \$1.9 billion
  - » See more information p. 930
  - » **Resource:** [Infrastructure Bill will Help Address Declining Water Levels and Drought in the West](#)
- **Division J, Title II: National Oceans and Coastal Security Fund**
  - » **Description:** Funding to improve coastal resilience.
  - » **Allocation:** \$492 million
  - » See more information on p. 927
  - » **Resource:** [https://uscode.house.gov/view.xhtml?req=\(title:16%20section:7503%20edition:prelim\)](https://uscode.house.gov/view.xhtml?req=(title:16%20section:7503%20edition:prelim))

## Additional Restoration Measures

- **SEC. 49801 Forest Service Legacy Road and Trail Remediation Program**
  - » **Description:** To improve access to Forest Service public lands and safeguard fish and wildlife habitat.
  - » **Allocation:** \$250 million
  - » See more information on p. 666
  - » **Resource:** [https://www.fs.fed.us/restoration/Legacy\\_Roads\\_and\\_Trails](https://www.fs.fed.us/restoration/Legacy_Roads_and_Trails)
- **SEC. 11405 Promoting Resilience Operations for Transformative, Efficient, and Cost-Saving Transportation (Protect) Grant Program**
  - » **Description:** Funds natural infrastructure solutions.
  - » **Allocation:** \$1.4 billion
  - » See more information on p. 133
  - » **Resource:** <https://www.debtwire.com/info/infrastructure-bill-includes-new-grant-program-protect-communities-climate-risks-%E2%80%93-bill-brief>
- **SEC. 40701 Abandoned Mine Land Reclamation Fund**
  - » **Description:** Funding to restore habitat affected by resource extraction
  - » **Allocation:** \$11.2 billion
  - » See more information on p. 663
  - » **Resource:** [The Abandoned Mine Reclamation Fund](#)

