



Explore New Federal Funding Opportunities from the Bipartisan Infrastructure Deal

January 27, 2022



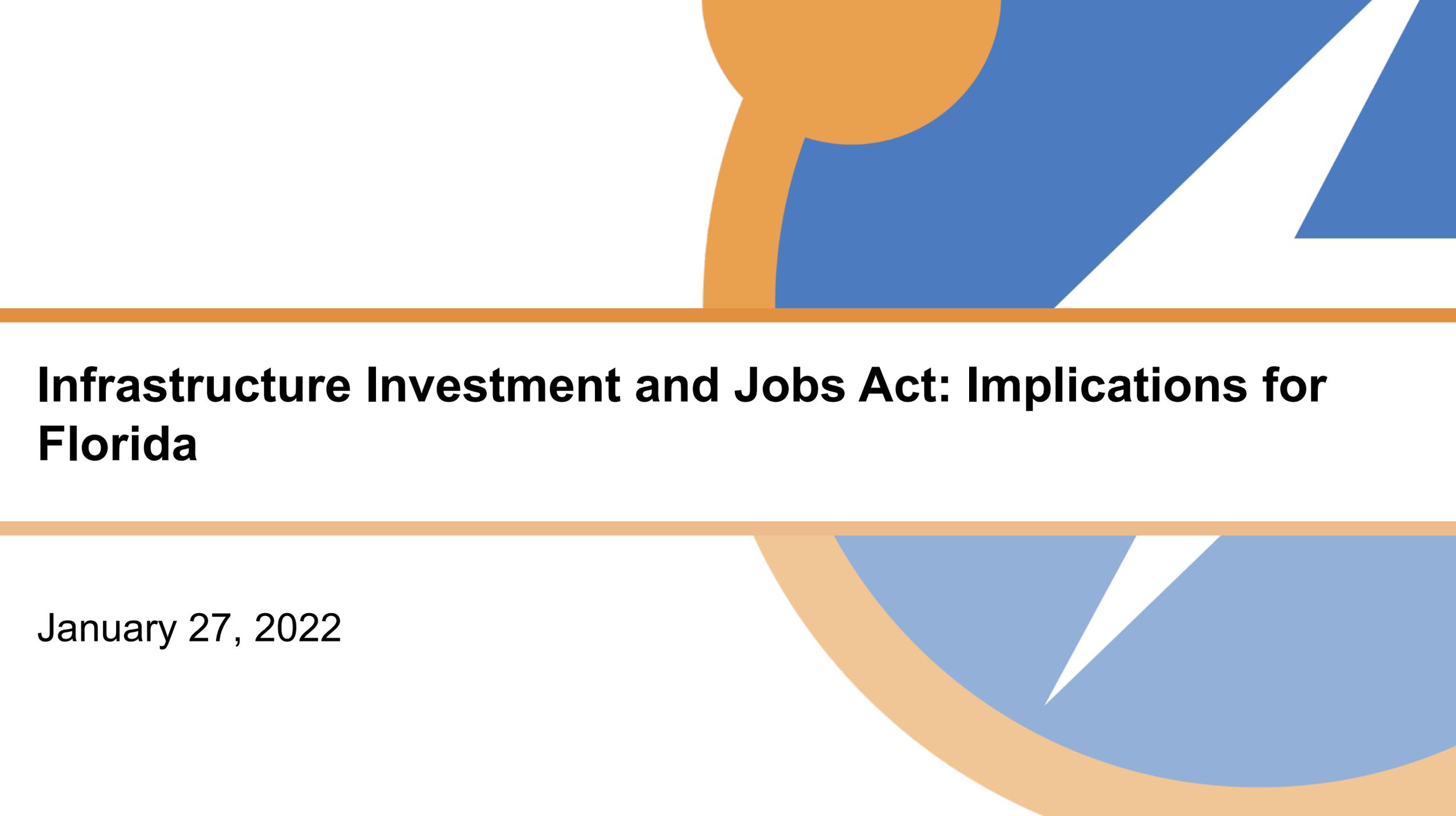
Speakers



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Infrastructure Investment and Jobs Act: Implications for Florida

January 27, 2022

Infrastructure Investment and Jobs Act

- Signed by President Biden in November it provides \$1.2 trillion in funding for transportation, water, rail, roads, clean energy, and more including \$550 billion in new funding
 - Direct federal spending
 - Formula funding
 - Grants to local governments and other entities
- Funding flows to both reauthorized programs and newly established ones and timelines will vary as a result
- Six cabinet level agencies will have responsibility for distributing funding



Florida

- Expected to receive **\$13.1 billion** for federal-aid highway apportioned programs and **\$245 million** for bridge replacement and repairs
- Based on formula funding alone, Florida would expect to receive **\$2.6 billion** over five years to improve public transportation
- Will receive **\$198 million** over five years to support the expansion of an EV charging network in the state. Florida can also apply for **\$2.5 billion** in grant funding dedicated to EV charging in the bill.
- **\$26 million** over five years to protect against wildfires and **\$29 million** to protect against cyberattacks.
- Will receive a piece of the **\$3.5 billion** national investment in weatherization which will reduce energy costs for families

Source: White House Infrastructure Investment and Jobs Act State Fact Sheets



Energy Efficient Schools

- \$500 million for energy efficiency and renewable energy improvements in public schools.
- **Relevant agency:** DOE
- **Eligible to receive funds:** Local educational agencies in partnership with individual schools or organizations that can assist with energy improvements
- **Type of funding:** Competitive grant funding
- **Match requirement:** None specified



Weatherization Assistance Program

- \$3.5 billion to reduce energy costs for low-income households by increasing the energy efficiency of their homes. [Learn more about the program here](#)
- **Relevant agency:** DOE
- **Eligible to receive funds:** States, who disburse funding to localities commissions
- **Type of funding:** Formula to states and then localities apply
- **Match requirement:** 50% of the total cost of the project



Smart Grid

- \$3 billion for the Smart Grid Investment Matching Grant Program
- **Relevant agency:** DOE
- **Eligible to receive funds:** Electric utilities
- **Type of funding:** Competitive grant funding
- **Match requirement:** No less than 50% of the total cost of the project



Electric Transit Buses

- \$234 billion for Bus and Bus Facilities Competitive Grants and \$375 million for the Low- and No-Emissions (Low-No) Program and specifies that entities receiving funding for projects related to zero-emission vehicles must submit a zero-emission fleet transition plan
- **Relevant agency:** DOT
- **Eligible to receive funds:** States, Tribal governments, local governments
- **Type of funding:** Competitive grants
- **Match requirement:** 15% non-federal match for buses and 10% non-federal match for other equipment or facilities for the Low-No Program, 20% nonfederal match otherwise



Florida Examples

- [Tallahassee Democrat](#): “Apalachee Regional Planning Council (ARPC), is prioritizing Hurricane Michael recovery, rural broadband access, and Port St. Joe redevelopment, possibly in conjunction with a Gadsden County intermodal logistics center.”
- [Tampa Bay Times](#): “A “huge priority” for the Tampa congressional representative is replacing the nearly 50-year-old control tower at Tampa International Airport.”
- [Tampa Bay Times](#): “Hillsborough Commission Chairwoman Pat Kemp said a \$100 million operations and maintenance center for the Hillsborough Area Regional Transportation Authority would be her top priority, followed by expanded Cross Bay Ferry service between southern Hillsborough and the MacDill Air Force Base.”



Project Advice

- Pursue and frame projects around adapting to, and mitigating, the worst impacts of climate change
- Think systemically and utilize different buckets of money to support placemaking (remediating a port and connecting it with EV charging infrastructure)
- Ensure projects are promoting a diverse workforce and procuring from disadvantaged business enterprises (DBEs), while guaranteeing your community has a skilled workforce able to implement successful applications
- Showcase collaboration and utilize structures that communities put in place to distribute American Rescue Plan Act (ARPA) funding.



Applying for Funding

- Federal Agencies
 - [Department of Energy](#)
 - [State Energy Program](#)
 - [Office of Energy Efficiency and Renewable Energy](#)
 - [Resilience activities](#)
 - [Weatherization Assistance Program](#)
 - [Environmental Protection Agency](#)
 - [Electric School Buses](#)
 - [Funding allocations](#)
 - [Department of Transportation](#)
 - [Federal Transit Administration IIJA Homepage](#)
 - [Federal Highway Administration IIJA Homepage](#)
- State Agencies
 - [Florida Department of Transportation](#)
 - [Florida Department of Agriculture and Consumer Services](#)
 - [Office of Energy](#)
- [Subscribe to Grants.gov](#)



Key Contacts

Department of Commerce

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Other Items of Note

- \$21 billion in funding for various energy demonstration projects, including hydrogen, energy storage, grid resiliency, carbon capture, advanced nuclear. Could be a unique opportunity for a community to receive an influx of funding for research and deployment of new technologies
- Federally-funded projects must meet domestic content requirements and labor standards



AEE State Toolkit

ADVANCED ENERGY INFRASTRUCTURE: A ROADMAP FOR STATE IMPLEMENTATION

Overview

With the passage of the Infrastructure Investment and Jobs Act (IIJA), funds will be available to state, local, and tribal governments for a variety of advanced energy infrastructure. The bill provides funding to address some of state and local policymakers' top energy priorities, such as ensuring a reliable electric grid, lowering energy bills, and supporting advanced energy jobs. This document outlines key federal funding streams for supporting these priorities, as well as information about how to access the funds.

ELECTRIFYING TRANSPORTATION

Electric School Buses

The IIJA establishes a \$5 billion grant and rebate program for the replacement of existing school buses with clean and zero-emission buses, with 50% of the funds reserved for zero-emission buses and 50% for clean and zero-emission buses.

- **Relevant agency:** Environmental Protection Agency (EPA)
- **Eligible to receive funds:** States, tribal governments, local governments, nonprofit school transportation associations, or eligible contractors
- **Type of funding:** Competitive grant (or rebate) funding
- **Match requirement:** Awards can be for up to 100% of costs

Electric Transit Buses

The IIJA provides \$234 billion for Bus and Bus Facilities Competitive Grants and \$375 million for the Low- and No-Emissions (Low-No) Program and specifies that entities receiving funding for projects related to zero-emission vehicles must submit a zero-emission fleet transition plan.

- **Relevant agency:** Department of Transportation (DOT)
- **Eligible to receive funds:** States, tribal governments, local governments
- **Type of funding:** Competitive grant funding
- **Match requirement:** 15% non-federal match for buses and 10% non-federal match for other equipment or facilities for the Low-No Program, 20% non-federal match otherwise



Found at: <https://info.aee.net/advanced-energy-infrastructure-roadmap-for-implementation>

Thank you!

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Introduction

- Port Infrastructure Opportunities
- Broadband Opportunities
- Energy Opportunities





IIJA – Port Infrastructure Development

- Port Specific Programs
 - Port Infrastructure Development Grant Program (\$2.5 billion, \$450 million/year)
 - Sustainability Intersection: Offshore wind supply chain; efficiency improvements; port electrification; micro-grids; idling reduction infrastructure; hydrogen refueling for trucks and locomotives; resiliency
 - Promoting Resilient Operations for Transformative, Efficiency and Cost-Saving Transportation (PROTECT) Grant Program (\$7.3 billion in formula funding, and \$1.4 billion in competitive set-aside grants)
 - Reducing Truck Emissions at Ports (\$250 million, \$50 million/year)

A photograph showing a large white wind turbine in the background and several rows of blue solar panels in the foreground, all set against a clear blue sky. The image is framed by a white border.

IIJA – Port Infrastructure Development (cont.)

- General Transportation Programs (Ports are Eligible)
 - RAISE Grants (aka Local Regional Assistance) (\$7.5 billion, \$1.5 billion/year)
 - Infrastructure Rebuilding America (INFRA) Grants (\$4.8 billion, \$1 billion per year 2022-24, \$900 million for 2025-26)
 - Consolidated Rail Infrastructure and Safety Improvements (CRISI) grants (\$5 billion, \$1 billion/year)
 - National Infrastructure Project Assistance Program (\$5 billion, \$1 billion per year)



BBB – Port Infrastructure Proposals

- **Grant Programs**
 - EPA Competitive Grants for Ports to Purchase or Install Zero Emission Technology: \$2,625,000,000
 - Additional Reserved Grants for Air Pollution Nonattainment Areas: \$875,000,000
 - Equipment must be located at ports, or directly serve one or more ports involved
 - \$600 million for Maritime Administration grants
 - Supply chain resiliency, reducing congestion, and offshore wind support
- **Offshore Wind Tax Incentives**
 - Manufacturing Tax Credit for 10% of the sales price of an offshore wind vessel
 - Investment or Production Tax Credit with Direct Pay
 - Wind Component Manufacturing (Blades, Nacelles, Fixed & Floating OSW Platforms, Towers)

An aerial photograph of a large concrete dam with multiple spillways, situated on a river. The surrounding area is lush with green trees and vegetation. The image is partially obscured by a white border on the left side.

Broadband Funding

- The Bipartisan Infrastructure Law provides \$65 billion aimed at closing the digital divide and expanding access to high-speed broadband
 - \$42.45 billion is set aside for the Broadband Equity, Access and Deployment (BEAD) Program, which will be distributed to states and in turn to broadband providers.
- NTIA Implementation
 - NTIA issued a [request for comment](#) on January 10, 2022 with replies due on February 4, 2022, at 5:00 pm (Eastern).
 - Additional [virtual listening sessions](#) are to be held on February 9th, and 23rd.
 - NTIA is interested in issues of digital equity, funding sustainable networks, scale, using a domestic supply chain, partnerships, affordability, implementation of the middle mile broadband grant program, and other issues.

An aerial photograph of a large concrete dam structure spanning a river. The water is turbulent and white with foam as it flows through the dam's spillways. The surrounding landscape is lush with green trees and vegetation. The image is framed with a white border.

Additional Broadband Measures in BBB

- **Build Back Better Broadband Funds**
 - \$475 million in NTIA grants for providing devices (laptops, tablets, etc.)
 - \$300 million for the FCC's Emergency Connectivity Fund
 - \$280 million for pilot project grants for public private partnerships for urban broadband for low- and middle-income households and communities of color
 - \$5 million for an Urban and Suburban Advisory Council
 - \$100 million for FCC public outreach on Broadband Affordability Programs
 - \$7 million to establish a Future of Telecommunications Council (6G planning)
- **Related Items**
 - \$500 million for FTC Privacy Bureau (privacy fraud, data security, identity theft, etc.)
 - \$470 million for Next-Generation 911 Grants
 - \$400 million for cyber security initiatives with a focus on infrastructure security



Clean Energy

- Transmission Infrastructure and Grid Resiliency
 - \$2.5 billion to launch a Transmission Facilitation Program (DOE acts as anchor tenant)
 - \$5 billion for grid resiliency grants to protect systems from extreme weather impacts
 - \$3 billion for investments in smart grid products
 - \$500 million for [State Energy Program](#) (adds new activities on transmission, reducing transportation emissions)
 - Several cyber and grid security programs
- Schools and Nonprofit Organizations
 - \$5 billion for the EPA's [Clean School Bus Program](#)
 - \$500 million for providing competitive grants for energy efficiency and renewables upgrades at schools
 - \$50 million for grants to nonprofit organizations for fuel saving improvements



Build Back Better – Clean Energy

- **Tax Incentives**
 - Modifies and extends existing tax credits until January 1, 2027, and transitions to a technology neutral tax credit regime, which would start to phase out after 2031.
 - Provides bonus credits for using domestic content, investing in “energy communities,” and/or investment in low-income communities.
 - State and local governments are allowed to claim the elective direct payment for the ITC or PTC.
 - Provides tax credits for advanced manufacturing facilities, and production of wind and solar energy components.
- **Grant Programs**
 - Variety of EPA grant programs for state and local governments for greenhouse gas and local pollution reduction
 - Over \$12 billion for home energy efficiency rebates, worker training, and contractor programs & \$300 million to support adoption of net-zero building codes
 - \$500 million for modernization of critical community facilities



Taking Advantage of Opportunities

- Funding Opportunity Email Notification Services: sam.gov; [FedConnect](https://www.fedconnect.gov); [grants.gov](https://www.grants.gov)
- [Port Infrastructure Development Program](#): Notice of Funding Opportunity expected mid-February
- [Broadband USA \(NTIA\)](#): Email updates
- DOE Energy Efficiency and Renewable Energy [Funding Opportunities](#)
- DOE [Office of Clean Energy Demonstrations](#) (new)
- DOE [Better Grid Initiative](#) (new)
- [EPA Grant](#) Information



Thank You.

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TO ZERO