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# INVESTING IN AMERICA

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## President Biden's Bipartisan Infrastructure Law is Delivering in North Carolina

As of March 2023

The Biden-Harris Administration has hit the ground running to implement the Bipartisan Infrastructure Law, and it is already delivering results for the people of North Carolina. To date, \$4.5 billion in Bipartisan Infrastructure Law funding has been announced and is headed to North Carolina with over 158 specific projects identified for funding. Since the Bipartisan Infrastructure Law passed, approximately \$3.7 billion has been announced for transportation - to invest in roads, bridges, public transit, ports and airports - and roughly \$261 million has been announced for clean water. And, as of today, more than 684,000 households across the state are receiving affordable high-speed internet due to the Bipartisan Infrastructure Law. Many more projects will be added in the coming months, as funding opportunities become grant awards and as formula funds become specific projects. By reaching communities all across North Carolina – including rural communities and historically underserved populations – the law makes critical investments that will improve lives for North Carolinians and position the state for success.

**Roads and Bridges:** In North Carolina, there are 1460 bridges and over 3,116 miles of highway in poor condition. The Bipartisan Infrastructure Law will rebuild our roads and includes the single largest dedicated bridge investment since the construction of the interstate highway system. Based on formula funding alone, North Carolina is expected to receive approximately \$7.8 billion over five years in federal funding for highways and bridges.

- **Announced funding to date:** To date, \$3 billion has been announced in North Carolina for roads, bridges, roadway safety, and major projects. This includes:
  - \$2.8 billion in highway formula funding and \$197.4 million in dedicated formula funding for bridges in 2022 and 2023.

- \$60.2 million through the RAISE program, \$100 million through the INFRA program, and \$10.4 million through the Rural Surface Transportation Grant Program in 2022 and 2023.

**Internet:** High-speed internet is necessary for Americans to do their jobs, participate in school, access health care, and stay connected. Yet nearly 23% of North Carolinians do not have an internet subscription. The Bipartisan Infrastructure Law invests \$65 billion to provide affordable, high-speed internet to every American. North Carolina will receive a minimum allocation of at least \$100 million to help ensure high-speed internet coverage across the state. Additionally, experts estimate that as many as 1,650,000 households in North Carolina are eligible for the Affordable Connectivity Program, which cuts internet bills by up to \$30 per month, or \$75 for households on Tribal lands, and provides a one-time \$100 discount off a connected device. The Biden-Harris Administration is providing further cost savings by working with internet providers to offer high-speed internet plans that are fully covered by the Affordable Connectivity Program — meaning most eligible households can now get high-speed internet without paying a dime.

- **Progress to date:** To date, North Carolina has received \$5 million through the Broadband Equity, Access, and Deployment Program (BEAD) to help provide access to high-speed internet across the state. In addition, about 684,000 households in North Carolina are enrolled in the Affordable Connectivity Program, with more signing up every day. Households can check their eligibility, sign up, and find fully covered internet plans at [GetInternet.gov](https://www.getinternet.gov).

**Water:** The Bipartisan Infrastructure Law represents the largest investment in clean drinking water in American history, including the first-ever dedicated federal funding to replace lead service lines and address dangerous PFAS chemicals.

- **Announced funding to date:** To date, \$261 million has been announced to North Carolina to provide clean and safe water across the state and improve water infrastructure. This includes:
  - \$261 million available in fiscal years 2022 and 2023 to provide clean and safe water across the state through the Environmental Protection Agency. Of this funding, \$87.1 million is dedicated to lead pipe and service line replacement, with another \$55.3 million for safe drinking water investments that can also support lead pipe replacement in fiscal year 2022 and 2023.

**Public Transit:** The Bipartisan Infrastructure Law makes the largest investment in public transit in U.S. history. Based on formula funding alone, North Carolina would expect to receive approximately \$920 million over five years under the Bipartisan

Infrastructure Law to improve public transit across the state.<sup>1</sup> This funding will expand healthy, sustainable transportation options in North Carolina, where non-white households are 3.4 times more likely to commute via public transportation and 15% transit vehicles in the state are currently past useful life.

- **Announced funding to date:** To date, North Carolina has been allocated \$175.8 million to improve public transportation options across the state in fiscal year 2022 and 2023.

**Clean Buses:** The Bipartisan Infrastructure invests over \$10 billion for clean public transit and school buses. This includes a \$5 billion investment over the next five years to replace existing school buses with zero-emission and low-emission models. Use of clean school buses promotes cleaner air, reduced health risks, especially for children, and reduced greenhouse gas emissions. This year alone, funding from the Bipartisan Infrastructure Law will help double the number of clean public transit buses on America's roads.

- **Announced funding to date:** To date, schools in North Carolina have been awarded \$12.2 million through the Environmental Protection Agency's Clean School Bus Program. In addition, communities in North Carolina were awarded \$11 million for clean transit buses and improved bus service through DOT's Low- and No- Emission Bus and Bus and Bus Facilities Program.

**Electric Vehicle Charging:** The Bipartisan Infrastructure Law invests \$7.5 billion to build the first-ever national network of electric vehicle chargers in the United States and is a critical element of President Biden's plan to address the climate crisis and support domestic manufacturing jobs. Through the National Electric Vehicle Infrastructure Program alone, North Carolina should expect to receive roughly \$109 million in formula funding over five years to support the expansion of electric vehicle charging in the state.

- **Announced funding to date:** North Carolina has been allocated \$39.4 million in 2022 and 2023 to build out a network of EV chargers across the state.

**Clean Energy & Power:** Power outages cost the U.S. economy more than \$70 billion annually. The Bipartisan Infrastructure Law makes a historic investment to upgrade our power infrastructure by making the grid more resilient and building thousands of miles of new transmission lines to deliver clean, affordable electricity. The law also makes a historic investment in clean energy technologies like advanced nuclear, clean hydrogen, carbon capture, and batteries, as well as a historic \$3.5 billion investment in

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<sup>1</sup> Transit formula funding amounts are subject to changes resulting from the 2020 census or from annual transit service data reported to FTA's National Transit Database.

weatherization to improve energy efficiency of homes and lower energy costs for impacted households by an average of \$372 per year.

- **Announced funding to date:** To date, approximately \$370.2 million has been allocated to North Carolina for clean energy, energy efficiency, and power in 2022 and 2023. This includes:
  - \$89.8 million for weatherization;
  - \$10.4 million through the State Energy Program;
  - \$9.1 million through the Energy Efficiency and Conservation Block Grant Program;
  - \$9.6 million to prevent outages and make the power grid more resilient. Additional grid funding will be made available in the coming months; and
  - \$249.7 million to help strengthen the battery supply chain.

**Airports:** According to some rankings, no U.S. airports rank in the top 25 of airports worldwide. The Bipartisan Infrastructure Law invests \$25 billion in airports to replace and modernize airport infrastructure, which helps the US become more economically competitive globally, creates good jobs, and revitalizes and supports more efficient and enhanced traveler experience.

- **Announced funding to date:** To date, North Carolina has received approximately \$106.7 million in 2022 and 2023 for airports.

**Ports and Waterways:** Like airports, our ports and waterways are in need of repair and investment. The Bipartisan Infrastructure Law invests \$17 billion in port infrastructure to strengthen our supply chains, address maintenance backlogs, and reduce congestion and emissions near ports— ultimately helping our country move goods more quickly and at lower cost.

- **Announced funding to date:** To date, North Carolina has received roughly \$51.3 million in 2022 and 2023 for ports and waterways.

**Resilience:** Millions of Americans feel the effects of climate change and extreme weather every day. More frequent hurricanes, wildfires, heat waves, floods, unprecedented power outages, and persistent droughts devastate our communities and threaten our infrastructure. In the last decade, North Carolina has experienced 44 extreme weather events, costing the state up to \$55 billion in damages. The Bipartisan

Infrastructure Law makes a historic investment to bolster our resilience against pressing challenges like impacts of climate change, extreme weather events, and other hazards like cyberattacks.

- **Announced funding to date:** To date, approximately \$144.2 million has been allocated to North Carolina for infrastructure resilience in 2022 and 2023 including \$23.2 million through the Army Corps of Engineers for flood mitigation.

**Legacy Pollution Cleanup:** Across the country, thousands of former industrial, chemical, and energy sites emit harmful pollutants into surrounding communities. These sites pose harms to health, welfare, and economic prosperity — and disproportionately impact communities of color: 26% of Black Americans and 29% of Hispanic Americans live within 3 miles of a Superfund site, a higher percentage than for Americans overall. The Bipartisan Infrastructure Law will deliver the largest investment in tackling legacy pollution in American history by cleaning up Superfund and brownfield sites, reclaiming abandoned mines, and capping orphaned oil and gas wells.

- **Announced funding to date:** To date, approximately \$3 million has been allocated to cleaning up brownfield sites.

For more information, click [here](#) to see a map of funding and announced projects in your community through the Bipartisan Infrastructure Law.

## **North Carolina Project Spotlights**

### **Batteries Materials Processing Project Spotlight**

#### **Advanced Prelithiation and Lithium Anode Manufacturing Facility**

The Department of Energy has awarded \$100 million to Applied Materials, Incorporated to set up an advanced prelithiation and lithium anode manufacturing facility which will accelerate the transition to next-generation lithium-ion (Li-ion) batteries and enable the development of a robust U.S. battery component supply chain.

See [here](#) for the full list of 2022 Battery Materials Processing grant recipients.

### ***Bridges Project Spotlight***

#### **Alligator River Bridge**

The Department of Transportation awarded \$110 million to the North Carolina Department of Transportation to replace the Alligator River Bridge on U.S. Highway 64 with a modern high-rise fixed span bridge along the primary east-west route in northeastern North Carolina between I-95 and the Outer Banks.

See [here](#) for recently announced Mega Grant Program funding.

### ***Airport Project Spotlight***

#### **Asheville Regional Airport - AVL**

The Federal Aviation Administration awarded a \$35 million grant to the Asheville Regional Airport for a terminal expansion project to add adequate space for ticketing and hold rooms that meet the requirements of the Americans with Disabilities Act (ADA).

See [here](#) for a map and list of the 2022 Airport Terminal awards.

### **Batteries Materials Processing Project Spotlight**

#### **Kings Mountain Lithium Materials Processing Plant**

The Department of Energy awarded \$149 million to Kings Mountain Lithium Materials Processing Plant to construct a new, commercial-scale lithium materials processing plant at Kings Mountain, North Carolina. The plant will support domestic manufacturing of the lithium-ion battery cells to power 750,000 electric vehicles per year.

See [here](#) for the full list of 2022 Battery Materials Processing grant recipients.

### ***Roads Project Spotlight***

#### **Partnership for Active Regional Transportation and Neighborhood Equity Project**

The Department of Transportation awarded \$20 million to the North Carolina Department of Transportation for the reconstruction and revitalization of the Main Street Corridor and Charlotte Road. The project includes road improvements and various bicycle, pedestrian, and transit improvements to improve safety for all residents.

See [here](#) for more information on awarded grants through the RAISE program.

### ***Reconnecting Communities Project Spotlight***

#### **City of Charlotte's West End**

The Department of Transportation awarded a \$1 million planning grant to the City of Charlotte from the DOT's Reconnecting Communities Pilot Program to study existing barriers to access in the West End community. This project aims to address the harmful effects on the community caused by the construction of Interstate 77.

See [here](#) for a full list of announced Reconnecting Communities Awards.

