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# INVESTING IN AMERICA

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## President Biden's Bipartisan Infrastructure Law is Delivering in Tennessee

As of May 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 Tennessee. To date, \$4 billion in Bipartisan Infrastructure Law funding has been announced and is headed to Tennessee with over 222 specific projects identified for funding. Since the Bipartisan Infrastructure Law passed, approximately \$2.9 billion has been announced for transportation – to invest in roads, bridges, public transit, ports and airports – and roughly \$319 million has been announced for clean water in Tennessee. And, as of today, more than 361,000 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 Tennessee – including rural communities and historically underserved populations – the law makes critical investments that will improve lives for Tennesseans and position the state for success.

**Roads and Bridges:** In Tennessee, there are 881 bridges and over 270 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, Tennessee is expected to receive approximately \$6.3 billion over five years in federal funding for highways and bridges.

- **Announced funding to date:** To date, \$2.5 billion has been announced in Tennessee for roads, bridges, roadway safety, and major projects. This includes:
  - \$2.3 billion in highway formula funding and \$161.3 million in dedicated formula funding for bridges in 2022 and 2023.

*Announced Bipartisan Infrastructure Law funding is as of April 20, 2023*

- \$63.1 million through the RAISE program and \$22.6 million through the INFRA program 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 26% of Tennesseans do not have an internet subscription. The Bipartisan Infrastructure Law invests \$65 billion to provide affordable, high-speed internet to every American. Tennessee 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 1,131,000 households in Tennessee 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, Tennessee has received \$4.9 million through the Broadband Equity, Access, and Deployment Program (BEAD) to help provide access to high-speed internet across the state. In addition, about 361,000 households in Tennessee 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, \$320 million has been announced to Tennessee to provide clean and safe water across the state and improve water infrastructure. This includes:
  - \$320 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, \$139 million is dedicated to lead pipe and service line replacement, with another \$66.7 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, Tennessee would expect to receive approximately \$651 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 Tennessee, where non-white households are 5.6

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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.

times more likely to commute via public transportation and 23% transit vehicles in the state are currently past useful life.

- **Announced funding to date:** To date, Tennessee has been allocated \$123.5 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 Tennessee have been awarded \$16.8 million through the Environmental Protection Agency's Clean School Bus Program. In addition, communities in Tennessee were awarded \$22.4 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, Tennessee should expect to receive roughly \$88 million in formula funding over five years to support the expansion of electric vehicle charging in the state.

- **Announced funding to date:** Tennessee has been allocated \$31.9 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 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 \$590.2 million has been allocated to Tennessee for clean energy, energy efficiency, and power in 2022 and 2023. This includes:

- \$66.3 million for weatherization;
- \$8.5 million through the State Energy Program;
- \$7.3 million through the Energy Efficiency and Conservation Block Grant Program;
- \$15.2 million to prevent outages and make the power grid more resilient. Additional grid funding will be made available in the coming months; and
- \$491.7 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 U.S. become more economically competitive globally, creates good jobs, and revitalizes and supports more efficient and enhanced traveler experience.

- **Announced funding to date:** To date, Tennessee has received approximately \$149 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, Tennessee has received roughly \$15.2 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, Tennessee has experienced 40 extreme weather events, costing the state up to \$8 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 \$91.8 million has been allocated to Tennessee for infrastructure resilience in 2022 and 2023 including \$22.1 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 \$8.6 million has been allocated to Tennessee in 2022 and 2023 for capping orphaned oil and gas wells and reclaiming abandoned mine lands and \$32.3 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.

## **Tennessee Project Spotlights**

### ***Batteries & Critical Materials Spotlight***

#### **Synthetic Graphite Anode Material Processing**

The Department of Energy awarded a \$150 million grant to NOVONIX Anode Materials, LLC to build a new plant in Chattanooga, Tennessee. This plant will produce up to 30,000 metric tons per year of graphite targeted at the electric vehicle and energy storage sectors industry. The project includes significant involvement and support from local high schools, colleges, and universities. It will directly create over 1,000 clean-energy, good-paying jobs. The grant funds will assist with active recruitment among traditionally marginalized communities.

See [here](#) for more information.

### ***Roads and Bridges INFRA Project Spotlight***

#### **I-40 Truck Parking and Bridges Replacement**

The U.S. Department of Transportation awarded Smith County, Tennessee \$22.6 million for a project that will upgrade welcome center ramps to meet current standards, add approximately 125 truck parking spaces, and upgrade the adjacent bridge structures on I-40 over the Caney Fork River. The project increases access to truck parking and reduces illegally parked commercial vehicles that cause safety hazards,

both supporting the National Roadway Safety Strategy, and improving operations and efficiency on a critical freight corridor.

See [here](#) for more information on INFRA programs that were announced.

### ***Airport Project Spotlights***

#### **Memphis International Airport**

The Federal Aviation Administration has awarded \$14.8 million to the Memphis International Airport as part of the Airport Terminals Program. The funds will go toward modernizing the landslide terminal through a reconfiguration of the ticket counters as well as the installation of new ticketing technology and fire suppression systems. The project will also expand the passenger security screening area to accommodate more travelers and reduce travel time.

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

### ***Roads and Bridges RAISE Project Spotlight***

#### **SR343 Complete Streets and ITS Traffic Signal Coordination Project**

The U.S. Department of Transportation awarded \$23 million to the City of Morristown to narrow the roadway from 4 to 3 lanes, add sidewalks, multiuse path, landscaping, lighting, signage on SR343/ S Cumberland Street; as well as updating approximately 13 traffic signals through ITS Traffic Signal Coordination. The project will improve safety by reducing speed and creating space for a sidewalk on one side and a 10-foot-wide multiuse path on the other. The project will provide equitable, non-motorized transportation by including crosswalk painting, pedestrian traffic signals, and ADA-compliant features for both the intersections and sidewalks. The project will also restore and modernize infrastructure that runs through a disadvantaged and underserved community.

See [here](#) more information about City of Morristown, Tennessee RAISE Grant.

### ***Roads and Bridges RAISE Project Spotlight***

#### **The Wilcox Boulevard Bridge - River to Ridge Mobility Project**

The U.S. Department of Transportation awarded the City of Chattanooga \$25 million for a project that will replace the Wilcox Boulevard bridge, and will construct a 12.5-foot multi-use path on the southern edge of the project. The current bridge that spans the railyard is in a deteriorated condition and as a result has a load limit which forces emergency vehicles, trucks, and public transit buses to take long detours. The

replacement bridge will accommodate these heavier vehicles and eliminate the need for detour. The proposed project will provide underserved communities with more reliable transportation to jobs, schools, recreation, and businesses.

See [here](#) for information on RAISE projects that were announced.

### ***Roads and Bridges RAISE Project Spotlight***

#### **Highway 127 Corridor Optimization**

The U.S. Department of Transportation awarded \$14.6 million to the City of Dunlap for safety improvements along Highway 127 including bicycle and pedestrian improvements. This project will re-engineer the intersection of U.S. Highway 127, redesign right-of-way to include bicycle lanes. The redevelopment of brownfield sites and the mitigation of stormwater runoff will be an addition from this grant. ITS infrastructure and wireless broadband throughout the corridor will be other additions with this grant.

See [here](#) for information on RAISE projects that were announced.

### ***Public Transportation Project Spotlight***

#### **Bus and Bus Facilities Program**

The U.S. Department of Transportation awarded Memphis Area Transit Authority \$54 million to build a new operations and maintenance facility. The new facility will be designed to accommodate more than 300 vehicles, improving safety and the state of good repair for the bus fleet.

See [here](#) for more information on Bus and Bus Facilities programs that were announced.

### ***Batteries & Critical Materials Spotlight***

#### **Piedmont Lithium Investment in Tennessee**

The Department of Energy awarded a \$141 million grant to Piedmont Lithium to produce 30,000 metric tons per year of lithium hydroxide for the domestic battery and EV market. The investment will create 120 new, direct jobs. As part of this project Piedmont Lithium will develop partnerships with local colleges, universities, and high schools to support training and recruitment of new talent in the community.

See [here](#) for more information