



# Infrastructure Investment and Jobs Act

By: Catherine Gilman



# Summary

- \$1.2 trillion dollars and signed Nov. 15th 2021
  - Transportation Infrastructure
  - Environmental Infrastructure
  - Energy Infrastructure
  - Broadband Infrastructure
  - Cybersecurity
  - Disaster Response

# Transportation Infrastructure

- Surface Transportation: provides funding to reduce 100+ billion backlog of necessary bridge repairs, increase funding for RAISE, INFRA, and NIPA, provide funding to complete the Appalachian Highway system
- Public Transit: authorizes nearly \$70 billion for public transit, an increase of 40% over current levels
- Rail: provides \$66 billion in total funding for rail programs, with more than \$50 billion dedicated to Amtrak, \$5 billion for the existing Consolidated Rail Infrastructure and Safety Improvement program, and \$3 billion set aside for the Railroad Crossing Elimination Program
- Roadway Safety: provides more than \$10 billion in funding, includes two new safety measures, one regarding if a driver is impaired and another to ensure that children are not accidentally left in the backseat
- Aviation: airports and related infrastructure would receive \$25 billion
- Inland Waterways: provides \$2.5 billion for new inland waterways projects and \$4 billion for operations and maintenance

## Environmental Infrastructure

- Water Infrastructure: \$55.4 billion for EPA's state and tribal assistance grants, supports the replacement of lead water lines and increases its annual authorization by \$40 million, authorizes \$280 million annually for 5 years to support municipal planning and construction of projects which address combined sewage overflows
- Natural Resources: significant funds for EPA's watershed programs, \$21 billion to clean up Superfund and brownfield sites, \$5 billion over 5 years for EPA to replace school buses with zero-emission buses or buses that use alternative fuels
- Agricultural Infrastructure: significant funding for carbon removal, firefighting, forest management resources, tree planting

# Energy Infrastructure

- Authorizes \$2.5 billion for an Energy Dept. program to support construction of nonfederal electric transmission lines
- \$6 billion fund to help maintain the country's fleet of existing nuclear reactors
- Provides \$6 billion to research relating to batteries, \$6 billion for research into carbon capture and storage, \$8 billion for hydrogen and its ability to serve as an energy source, and \$3 billion for research into advanced nuclear reactors
- \$11.3 billion to authorize the Abandoned Mine Land Reclamation Fund, which provides reclamation projects for abandoned mines
- \$500 million to states and tribal nations to fund home energy assistance programs for households in need

# Broadband Infrastructure

- Established a \$42.45 billion grant program for states and territories for the expansion of broadband infrastructure construction, prioritizing rural areas and other eligible entities
- Prioritizes:
  - 1) Unserved areas
  - 2) Underserved areas
  - 3) “Anchor institutions”
- Digital Equity Act - establishes a \$2.75 billion grant programs to help states fund digital-equity plans

# Cybersecurity

A decorative network diagram in the top right corner, consisting of interconnected nodes and lines, representing a digital or network structure.

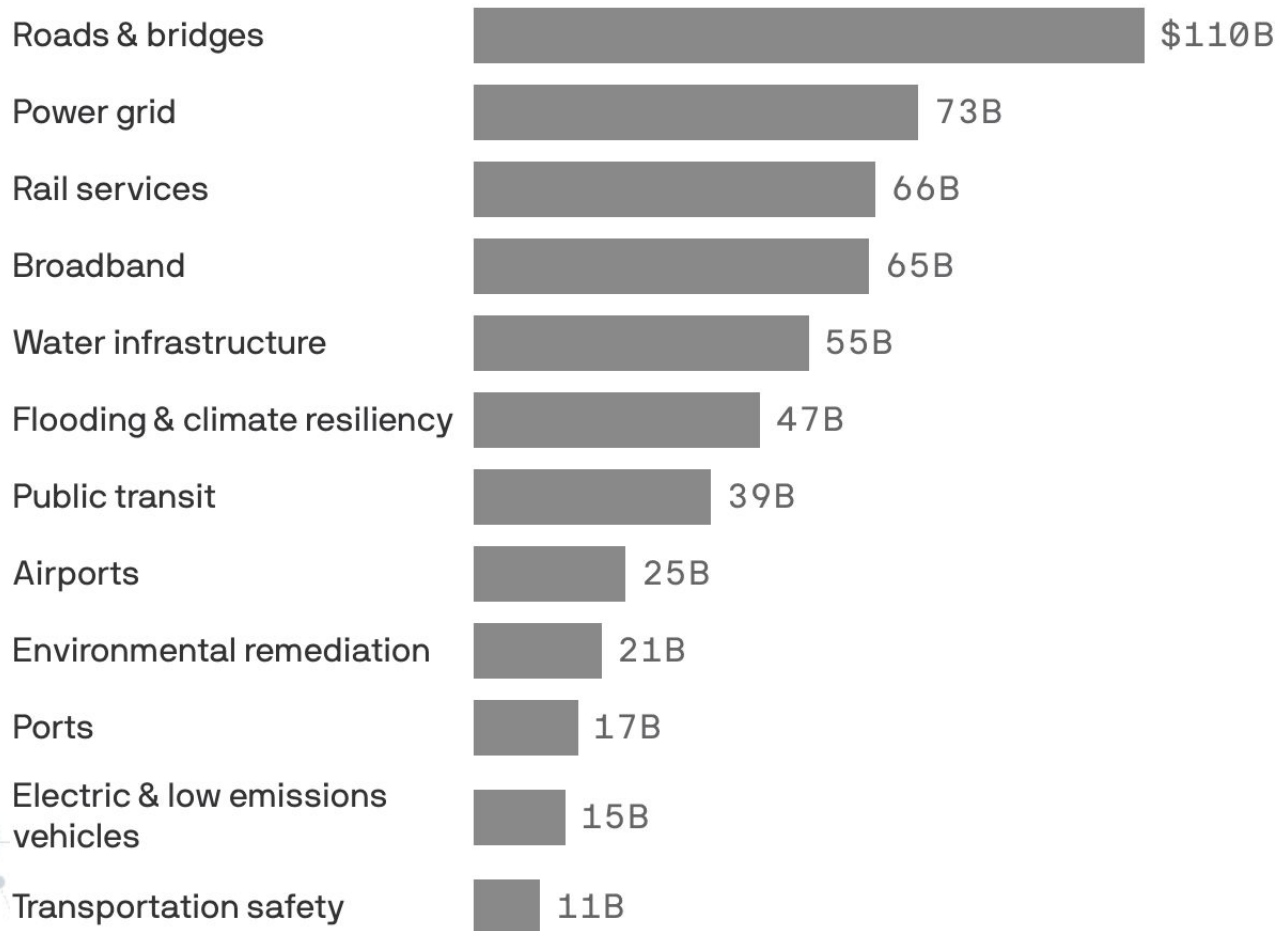
- Establishes a cybersecurity risks and threats grant program to be administered through the Department of Homeland Security
- Total authorized appropriation of \$1 billion
- Annual replenishing funds of \$20 million for the Cybersecurity and Infrastructure Security Agency's cyber response and recovery fund

# Disaster Response

- Creates a two-year Disaster Relief Mobilization Study to decide whether bicycles should be used in disaster preparedness and disaster response plans in local communities
- States may use portions of infrastructure funding for disaster resilience and mitigation
- Provides \$3.5 billion for the Federal Emergency Management Agency's Flood Mitigation Assistance program - provides financial and technical assistance to states affected by flood damage
- \$1 billion for FEMA's Building Resilient Infrastructure and Communities Program - supports states and tribes pre-disaster planning



# Bipartisan infrastructure bill spending breakdown



## Sources

Molly Ramsdell, Bakara Johnson. “Infrastructure Investment and Jobs Act.” *National Conference of State Legislatures*,

<https://www.ncsl.org/ncsl-in-dc/publications-and-resources/infrastructure-investment-and-jobs-act.aspx>.

Image:

<https://jdsupra-html-images.s3-us-west-1.amazonaws.com/407fc9c9-d50c-4053-8e98-db55f8ca6dd5-76853ede904e4c48a9f4a9f356b9bb89.ashx>