



CRCOG POLICY MEETING CTBILT UPDATED

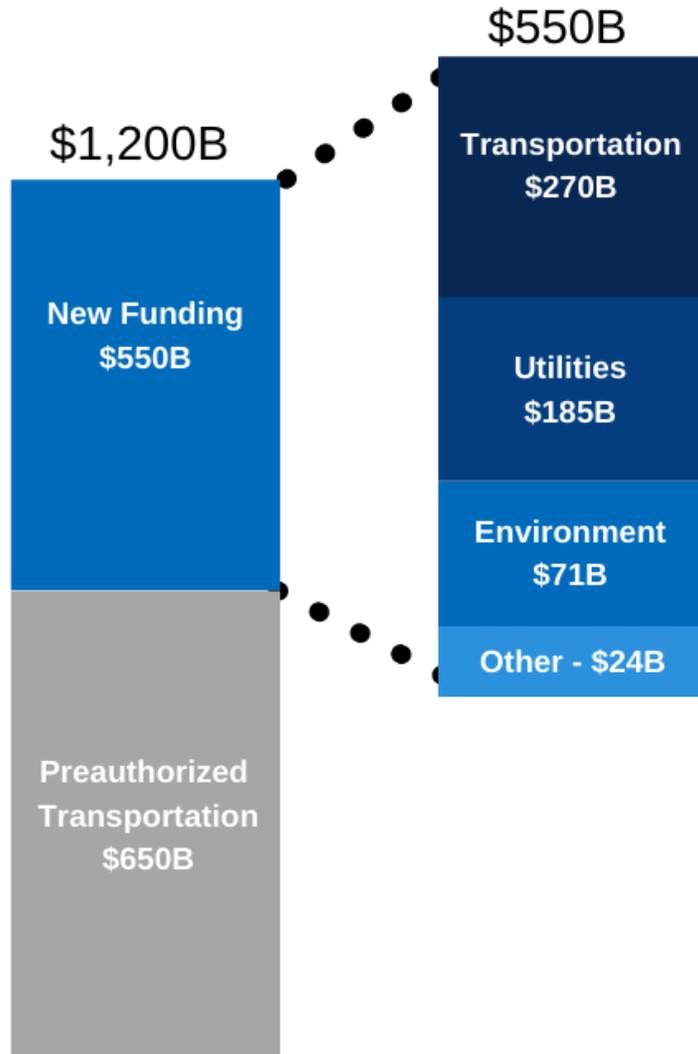
May 24, 2022



Objectives of IIJA implementation in Connecticut

- Drive **long-term gains** for CT with IIJA investments through focus on climate mitigation & resilience, workforce & economic development, and smart growth
- **Rapidly** apply for and deploy funds
- Maximize **funding impact** through matching and partnerships
- **Empower agencies** to recommend, design, and implement projects
- **Coordinate** across agencies on shared opportunities and challenges
- Ensure **equitable** benefit from infrastructure investments
- Facilitate **innovation** through robust stakeholder engagement

The Infrastructure Investment and Jobs Act (IIJA)



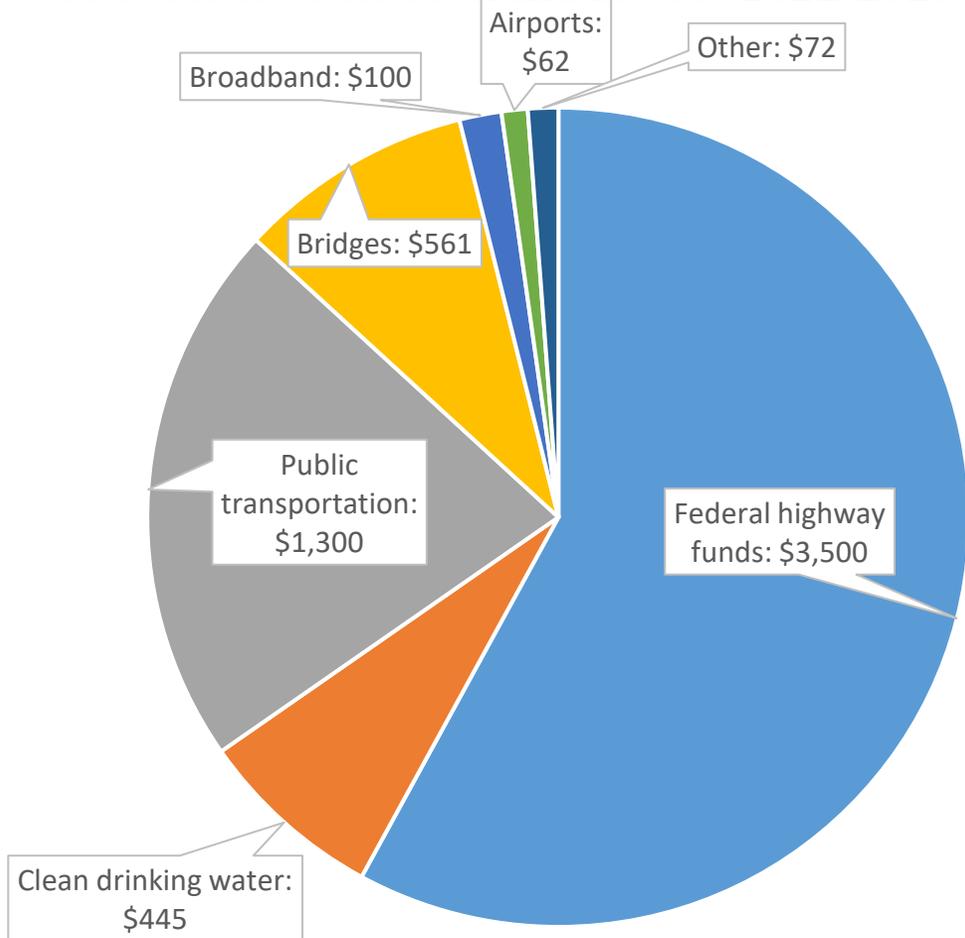
- Signed into law November 2021
 - 19 federal agencies
 - 380 unique programs
- Historic investments in the nation's core infrastructure needs
- Combines incremental funding for existing programs, plus many net-new opportunities
- Surface Transportation Reauthorization
 - Next 5 years of funding
 - New programs and objectives

Source: <https://www.whitehouse.gov/briefing-room/statements-releases/2021/11/08/fact-sheet-the-bipartisan-infrastructure-deal-boosts-clean-energy-jobs-strengthens-resilience-and-advances-environmental-justice/>



IJA & Connecticut

Connecticut's Share of the IJA FFY2022-2026 (\$M)



- Connecticut's Portion
 - \$6.04 Billion over 5 years (FY 22-26)
- Mix of formula funding and competitive grants
 - Implementation timelines will vary by program

DRS IIJA Coordination Support

DRS Commissioner and Senior Advisor to the Governor for Infrastructure
Mark Boughton

Deputy Advisor
DRS/OPM DPM

- Keep tabs on overall project plan/timeline
- Support agencies and Senior Advisor with internal and external stakeholder communication (e.g., HR, Procurement, legislature, municipalities)

Program Associate
DRS/OPM DPM

IIJA Fellow

IIJA Fellow

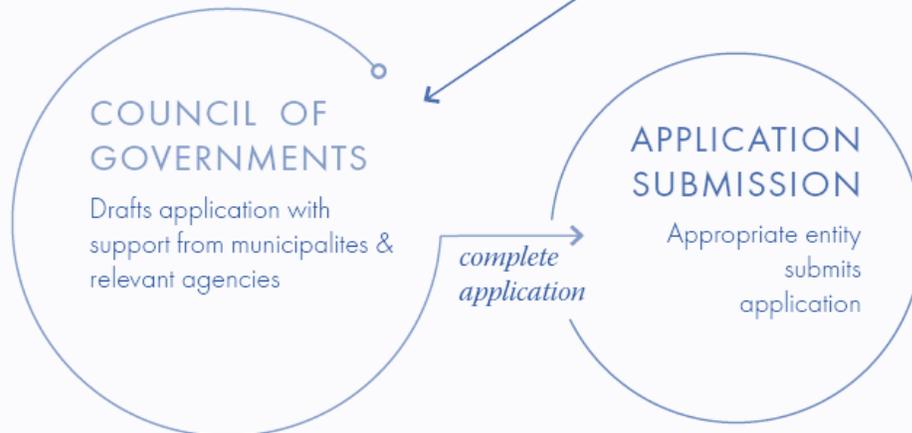
- Liaise with agencies & maintain visibility into activities
- Support cross-agency deliverables (e.g., strategic plan, equity best practices, integrated implementation timeline)

Draft – proposed process

Pre-Application Process



Application Process



*responds to COGs &
municipalities with approval*

Proposed COG Competitive Grant Process

Department of Transportation



Reauthorizes federal surface transportation programs for FY 2022-26



Provides for over **\$100 billion in competitive grant opportunities** between FY 2022-26



Unlike the 2008 Recovery Act, IIJA is long-term, continuous investment in transportation infrastructure, **not a "shovel ready" stimulus program**



What it means for Connecticut: **\$5.38 billion in formula-based funding over five years** -- a \$1.62 billion increase over FAST Act (last reauthorization)

Overview of New Federal Formula Programs

CT SHARE OF NEW FORMULA FUNDING		
 Bridge	\$561 M	<p>*NEW* Bridge Program</p> <ul style="list-style-type: none"> • New formula funding to repair, replace and rehab aging bridges and bring them into a state of good repair. This is the single largest dedicated bridge investment since the construction of the interstate highway system.
 EV	\$52.5 M	<p>*NEW* EV Charging formula funding</p> <ul style="list-style-type: none"> • Allows the state to build out CT's publicly accessible charging stations for the national EV charging network on highway corridors and in communities.
 Carbon Reduction	\$79 M	<p>*NEW* Carbon Reduction formula funding</p> <ul style="list-style-type: none"> • Establishes a carbon reduction program to reduce transportation emissions in Connecticut, with broad eligibility. Also requires the state DOT develop a carbon reduction strategy.
 Resiliency PROTECT	\$90 M	<p>*NEW* PROTECT formula funding</p> <ul style="list-style-type: none"> • Will help make transportation assets in CT more resilient to weather and natural disasters and allow our state to rapidly recover/continue operations.
<p><u>\$782.5 Million</u></p>		<p>+ PLUS <u>\$837.5 Million</u> additional for existing formula programs over the next 5 years means Connecticut will receive <u>\$1.62 Billion MORE</u> than the previous 5 years</p>

Overview of Select Discretionary Grant Programs

Over \$100 billion over 5 years

Safe Streets and Roads for All (SS4A) Grants

IIJA authorizes \$5 billion over 5 years in Safe Streets grants

- SS4A is open to MPOs and local governments, **not state DOTs**
- Notice of funding was released in May 2022
- New grant program will support Vision Zero planning efforts, as well as capital projects to improve safety for all users
- [SS4A Fact Sheet \(usdot.gov\)](https://www.usdot.gov/ss4a)



VISION ZERO NETWORK

Passenger Railroad Infrastructure Investments

IIJA authorizes \$66 billion over 5 years for the Northeast Corridor

- Largest federal competitive grant program provides \$66 billion in funds for the Northeast Corridor, from Richmond to Maine.
- All passenger rail lines in Connecticut (New Haven Line, Shore Line East, and the Hartford Line) are eligible for investment from the FRA.
- Potential to increase service and reduce travel times along the major rail corridors in Connecticut.



Low Emissions-No Emissions Bus Grants

IIJA authorizes \$5.6 billion over 5 years in Lo-No grants

- Largest federal competitive grant program provides funding for electric transit buses and associated charging infrastructure
- Purchase low and no emission buses, or BEBs (battery electric buses)
 - Currently 10 battery electric buses deployed in CT, and thanks to federal funds, 48 more are on the way
- Build out electrical infrastructure at more facilities to support and charge them
- Grants will supplement formula funding for the conversion of Connecticut bus transit fleet



Charging and Alt Fueling Grant Program

IIJA authorizes \$2.5 billion over 5 years in EV Charging and Alt Fueling grants

- Funding to supplement formula funding provided to state, allowing the build out of the nation's publicly accessible charging and fueling stations
 - At least 50 percent of this funding will be used for a community grant program where priority is given to projects that expand access to EV charging and alternative fueling infrastructure within rural areas, low- and moderate-income neighborhoods, and communities with a low ratio of private parking spaces.



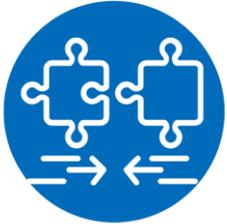
Bridge Grant Program

IIJA authorizes \$12.5 billion over 5 years in Bridge Discretionary grants

- New competitive grant program, complementing Bridge Formula Program
 - Eligible projects include those intending to rehabilitate or replace state and local bridges on the National Bridge Inventory; and,
 - Projects to replace or rehabilitate culverts to improve flood control and improve habitat connectivity for aquatic species
- Large projects, and bundling of smaller bridge projects, will be eligible for funding.
 - Notice of funding will be released May 2022



CTDOT will take a phased approach to implementation



- Continue to deliver existing formula funds programs
- Develop strategies, and identify projects, for new formula funds programs
- Identify projects in FY 23 and beyond for competitive grant programs

Key Actions of CTDOT



Started **recruitment** for 206 additional positions and is back-filling pending retirements



Establishing a **new Grants and Socio-Economic Unit**, dedicated to preparing grant applications and conducting cost-benefit analyses



Launched a **new Sustainability and Resilience Unit**, aligning with USDOT and CTDOT's goals for sustainability, equity, and accessibility

Department of Energy and Environmental Protection

Broadband

- **Grants for Broadband Deployment** - Broadband Equity, Access and Deployment Program ("BEAD"), supports grants to States to bridge the digital divide. \$42bn nationwide; \$100M minimum allocation to each state.
- **State Digital Equity Capacity Program** - Supports digital equity, capacity building for greater broadband adoption. Minimum award of \$8M.
- **Enabling Middle Mile Broadband Infrastructure** – ~\$10M to reduce the cost of connecting unserved and underserved areas to the last mile infrastructure, create alternative network connection paths.
- **Broadband Affordability Fund** - \$14.2 bn nationwide, provides a \$30 discount on service for qualifying households, on any internet plan they choose.
- **Rural E-Connectivity Broadband Pilot**, Broadband Loans - \$1.9bn nationwide for USDA ReConnect program



Clean Transportation

- **Clean School Bus Program** – **NEW** \$5bn nationwide for clean school buses, with \$2.5bn available exclusively for electric school buses. Competitive program, guidance forthcoming from EPA, match requirements not yet determined.

Clean Energy, Grid Resilience

- **Preventing Outages & Enhancing Grid Resilience** - **NEW** ~\$ 100M (part **competitive, formula**, and demonstration projects) for undergrounding, utility pole management, microgrids, storage, hardening, vegetation management, transmission.
- **Smart Grid Investment Matching Grant Program** - ~30M Smart meters, grid modernization
- **Transmission Facilitation Program** – **NEW** Enables DOE to serve as “anchor tenant” for transmission
- **Civil Nuclear Credit Program** – **NEW** Potential to provide support for at-risk nuclear resources under contract (ie., Millstone); \$6bn nationwide, competitive.
- **Hydropower** – Incentives for efficiency and upgrades at certain hydroelectric facilities.
- **Clean Hydrogen** – Authorizes four regional hydrogen hubs, grants for innovative clean hydrogen production; \$9.5bn nationwide



Clean Energy, Grid Resilience

- **State Energy Program** – +\$6.88M total (current level \$770M annually) Promote energy security, efficiency, state-led energy initiatives.
- **Weatherization Assistance Program (WAP)** - \$42.21M total (current level \$3.4M annually) Weatherization program for low-income residents.
- **Energy Efficiency and Conservation Block Grant** - \$1.6M for energy efficiency, renewable energy, zero-emission transportation and associated infrastructure.
- **Energy Efficiency Revolving Loan Fund** – Approx \$2M to \$15M in capitalization for CT to support commercial/residential revolving loans for energy audits or upgrades and retrofits.
- **Grants for Efficiency & Clean Energy Improvements at Public Schools** – **NEW** Approx \$5M, competitive
- **Training, R&D** – **NEW** Multiple competitive grants for training energy auditors, building code officials, building performance professionals, smart manufacturing



Clean Water & Land

- **Clean Water State Revolving Loan Fund** - \$38.5M (31% increase) to support municipal investments in wastewater infrastructure. Some portion may be set aside for grants addressing PFAS.
- **Emerging Contaminants/PFAS** - **NEW** \$10.2M to address emerging contaminants (including PFAS) through any project eligible under the Clean Water Act
- **Wastewater Efficiency Grant Program** – **NEW** ~\$1M for AD, sludge & methane capture – grants directly to municipalities
- **Sewer Overflow & Stormwater Reuse Muni Grants** – **NEW** ~\$14M for planning, construction & design grants to municipalities through DEEP for combined sewer overflow projects
- **Clean Water Infrastructure Resiliency** – **NEW** \$1.25M Planning, designing, and constructing projects to increase resiliency
- **Long Island Sound Study** – \$106M for projects within the LIS watershed to supports the goals of the LIS Comprehensive Conservation and Management Plan
- **Brownfields Response Grant** – ~\$12M in competitive grants and revolving loan funds to investigate and remediate Brownfield properties and complete Brownfield job training programs



Community Resilience

- **NOAA Coastal Resilience Fund** ~\$17M Grants for NGOs, Academic, State and Municipal applicants to create and restore natural systems for community resilience, while improving habitats for fish and wildlife species.
- **NOAA Community-based Restoration** ~\$10M grants for coastal habitat restoration.
- **FEMA Building Resilient Infrastructure in Communities (BRIC)** \$5M in formula & ~\$10M competitive grants for state & municipalities to protect critical infrastructure (IIJA only). Additional ~\$35M competitive through previous authorizations for FEMA BRIC.
- **FEMA Dam Safety** ~\$7.3M in grants for state to enhance dam safety and rehabilitate or remove aging dams.
- **FEMA Flood Mitigation Assistance** ~\$35M to reduce or eliminate the risk of repetitive flood damage to buildings insured under the National Flood Insurance Program.
- **FEMA STORM Act** **NEW** ~\$25M federal funds to capitalize state revolving loan fund for hazard mitigation and climate resilience projects.
- **WILDFIRE Risk Reduction** **NEW** ~\$5.0M to implement wildfire protection for communities.
- **US Army Corps Coastal and Inland Flood Risk.** **NEW** ~\$50M in agreements with USACE for flood protection projects.



DEEP Implementation Approach

- Seeking 70+ additional FTEs and move P-4 employees to 40hrs to support both execution of DEEP-related programs, increased permitting activity, and technical assistance (e.g., on resilience) associated with other agency, muni investments. 40hr shift puts DEEP on par with other employers, including other state agencies, for attracting and retaining employees.

Office of Workforce Strategy and Department of Public Health

Department of Public Health:

 \$450M Lead Pipe Replacement

Office of Workforce Strategy:

 Clean Jobs Council

Other Considerations:

 Justice 40 Initiative

Final Thoughts and Reminders

- Guidance not yet issued on many new programs. Check out build.gov and the NGA
- Local economic development teams need to start identifying projects and ensure that design has begun and there is a clear timeline for permits, approvals, etc.
- Applying for projects without any skin in the game will lower the competitiveness of the application.
- Be patient, it may take a few years for the project to be successful.
- Talk to your towns and other COGS – Coordinate your strategy
- Be Regional

Resources



Resource	Organization
The Guidebook to the BIL	The White House
CT IIJA Factsheet	The White House
NGA IIJA Implementation Resources	National Governors Association
Safe Streets and Roads for All (SS4A) Grant Program	USDOT
Upcoming Notice of Funding Opportunity Announcements in 2022	USDOT
Bipartisan Infrastructure Law Programs at Department of Energy	DOE
Bipartisan Infrastructure Law Technical Assistance Guide	The White House
Build.gov	The White House

QUESTIONS?

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