

General Obligation  
Bonding Subcommittee  
Agency Hearing Summary

March 4, 2022  
10:30 AM

## Agency Hearing Schedule March 4, 2022

Start	End	Agency/Topic
10:30	11:15	Connecticut State Colleges and Universities
11:15	12:00	University of Connecticut
12:00	12:30	State Treasurer
1:00	2:00	Department of Energy and Environmental Protection
2:00	2:30	Department of Correction
2:30	3:00	Department of Emergency Services and Public Protection
3:00	3:30	CTNext

Summary Note: Information is provided primarily regarding programs with Governor proposed additional funding or change. Each agency includes a programmatic summary of Governor proposed funding and unallocated balance (funds available under current law that could be approved by bond commission to be spent). Information provided in agency capital requests or other agency documentation is provided when applicable, *noted by use of italics*. Additional detail is provided on select programs.

# Connecticut State Colleges and Universities

Program	Unallocated Balance 1/1/22	FY 23 (Current Law)	Gov. Proposed Revision	FY 23 Net Gov. Revised
Advanced manufacturing and emerging technology programs	6,000,000	3,075,000		3,075,000
All state colleges and universities: New and replacement of instruction, research and laboratory equipment	28,000,000	22,000,000		22,000,000
Deferred maintenance, code compliance and infrastructure improvements - Community Colleges	40,000,000	20,000,000		20,000,000
Deferred maintenance, code compliance and infrastructure improvements - Universities	27,000,000	20,000,000		20,000,000
Manufacturing Education Fund	2,500,000	2,500,000		2,500,000
Security improvements	2,500,000	2,500,000		2,500,000
System telecommunications infrastructure upgrades, improvements and expansions	2,000,000	9,000,000		9,000,000
Asnuntuck Community College: Alterations and improvements for expansion of library and student services	3,800,000	-		-
Health and Mental Health Capital and Information Technology Resources	1,000,000	-		-
Heating, ventilating and air conditioning system improvements	1,467,500	-		-
Middlesex Community College: Renovations and additions to the Wheaton and Snow Classroom Buildings	4,800,000	-		-
Naugatuck Valley Community College: Alterations and improvements in compliance with the Americans with Disabilities Act	2,000,000	-		-
Naugatuck Valley Community College: Design for the renovation of Kinney Hall	6,000,000	-		-
Northwestern Community College: Alterations, renovations and improvements to the Greenwoods Hall	2,685,817	-		-
Northwestern Community College: Alterations, renovations and improvements to the White building	2,846,250	-		-
Norwalk Community College: Alterations, renovations and improvements to the B-wing building	18,671,630	-		-
Norwalk Community College: Implementation of Phase III of the master plan	28,800,000	-		-
Quinebaug Valley Community College: New maintenance and office building	476,088	-		-

# Connecticut State Colleges and Universities

Program	Unallocated Balance 1/1/22	FY 23 (Current Law)	Gov. Proposed Revision	FY 23 Net Gov. Revised
Advanced manufacturing and emerging technology programs	6,000,000	3,075,000		3,075,000

FY 19 Auth	FY 20 Auth	FY 21 Auth	FY 22 Auth	CY 18 Allocations	CY 19 Allocations	CY 20 Allocation	CY 21 Allocation
2,875,000	3,000,000	3,000,000	3,000,000	2,625,000	-	5,625,000	3,000,000

## Summary

This funding is used to continue the ongoing advanced manufacturing programs at various CSCU locations (the program website includes a [map of locations](#) offering advanced manufacturing programming in the state). Examples of equipment purchased using the funds includes lathes, milling machines, computers, surface grinders, compressors, CNCs, and access mills.

*The future development of advanced manufacturing employment in Connecticut is contingent, in large measure, on the collective ability of the CSCU to develop viable, fluid technology programming and produce literally thousands of graduates annually able to transition successfully to career employment opportunities in the private sector. Without question, Connecticut is in a position to both stabilize and expand its current manufacturing employment based on approximately 160,000 women and men. Reshoring has become a reality, local major industry are in major growth modalities, and emerging technologies are beginning to take root and will require more investment and renewed commitment by State Government and higher education. Prior state funding has initiated and/or supported Advanced Manufacturing programs at 6 of the Community Colleges in addition to 2 off campus instructional centers.*

Program	Unallocated Balance 1/1/22	FY 23 (Current Law)	Gov. Proposed Revision	FY 23 Net Gov. Revised
All state colleges and universities: New and replacement of instruction, research and laboratory equipment	28,000,000	22,000,000		22,000,000

FY 19 Auth	FY 20 Auth	FY 21 Auth	FY 22 Auth	CY 18 Allocations	CY 19 Allocations	CY 20 Allocation	CY 21 Allocation
-	6,000,000	6,000,000	22,000,000	10,000,000	-	-	6,000,000

## Summary

This funding is used for equipment, such as office furnishings, classroom furniture, and printers. The ongoing program was recently used to purchase equipment for smart classrooms, furniture, computers and printers, as well as security cameras and related systems.

Program	Unallocated Balance 1/1/22	FY 23 (Current Law)	Gov. Proposed Revision	FY 23 Net Gov. Revised
Deferred maintenance, code compliance and infrastructure improvements - Community Colleges	40,000,000	20,000,000		20,000,000
Deferred maintenance, code compliance and infrastructure improvements - Universities	27,000,000	20,000,000		20,000,000

FY 19 Auth	FY 20 Auth	FY 21 Auth	FY 22 Auth	CY 18 Allocations	CY 19 Allocations	CY 20 Allocation	CY 21 Allocation
14,000,000	14,000,000	14,000,000	19,000,000	24,906,676	-	7,000,000	14,000,000
7,000,000	7,000,000	7,000,000	20,000,000	13,000,000	-	3,500,000	10,500,000

## Summary

These programs fund general maintenance and improvements at community colleges and universities, respectively. Items typically funded include but are not limited to: information technology, furniture, equipment, security measures, manufacturing program equipment, building systems and exteriors, energy conservation efforts, and accessibility improvements.

*This budget is developed and updated from, but not limited to, historic institutional requests, benchmarking against other higher ed. institutions, physical site evaluations and prior studies. In combination, these efforts enable the development of a system-wide long term Code Compliance/Infrastructure improvement program. Earmarked funding for individual projects and programs is established for academic enhancements, life safety improvements, facility needs, energy conservation, studies and other facility-based evaluations and improvements. Annual budget and distribution of funds to each college and university are factored from a prorated basis of total square feet and average campus age. The funding distribution model accurately represents appropriate budget thresholds for minor academic enhancements and facility improvements that promote a systematic multi-faceted approach of maintaining high academic and facility standards while decreasing long term spending projections.*

*Examples of projects funded through this program are modifications and restoration of interior and exterior academic and support facilities, including the upgrading of building envelopes; replacement of aging building systems, including fire, safety and security systems, utility systems and mechanical systems; and exterior grounds improvements including parking lot and road resurfacing, repair or installation of stairs, ramps, plaza decks, sidewalks, parking areas, landscaping, signage, exterior lighting, site utilities and outdoor athletic and recreation facilities. The program also provides for the implementation of energy conservation measures, hazard risk mitigation and changes necessary to bring facilities into compliance with state and federal fire, health, safety and accessible access codes and regulations. Also addressed are improvements to academic and support spaces in existing facilities that enhance academic performance.*

Program	Unallocated Balance 1/1/22	FY 23 (Current Law)	Gov. Proposed Revision	FY 23 Net Gov. Revised
Manufacturing Education Fund	2,500,000	2,500,000		2,500,000

FY 19 Auth	FY 20 Auth	FY 21 Auth	FY 22 Auth	CY 18 Allocations	CY 19 Allocations	CY 20 Allocation	CY 21 Allocation
			2,500,000				-

### Summary

The program is described under CGS 10a-80f, relating to the expansion of advanced manufacturing certificate programs to public high schools in the state.

Initial funding for this program was authorized in FY 22 under PA 21-111. To date, no funds have been allocated.

Program	Unallocated Balance 1/1/22	FY 23 (Current Law)	Gov. Proposed Revision	FY 23 Net Gov. Revised
Security improvements	2,500,000	2,500,000		2,500,000

FY 19 Auth	FY 20 Auth	FY 21 Auth	FY 22 Auth	CY 18 Allocations	CY 19 Allocations	CY 20 Allocation	CY 21 Allocation
5,000,000	-	-	2,500,000	3,000,000	-	-	5,000,000

### Summary

Recent funding was provided to secure design services to assist in prioritizing security upgrades based on the assessment. Examples of enhanced components are building access systems, surveillance systems, ballistic resistant windows, and site control barriers.

*The System Office previously completed a comprehensive security analysis of the 12 Community Colleges. The study highlighted both passive and active opportunities to raise the level of security at each campus. Opportunities highlighted early warning systems, deterrents and quick response enablers. This funding will allow for the design and implementation of many safety and security measures at each Community College campus, Charter Oak and the System Office. The implementation results will allow for a higher level of safety and security at each campus. Examples of safety and security measures that would be provided include lighting, surveillance cameras, license plate identification systems, vehicle deterrent systems, security enforcement equipment, security related transportation, fencing, electronic and mechanical door hardware, and ballistic resistant glass. This funding supports a multi-year security improvement program.*

Program	Unallocated Balance 1/1/22	FY 23 (Current Law)	Gov. Proposed Revision	FY 23 Net Gov. Revised
System telecommunications infrastructure upgrades, improvements and expansions	2,000,000	9,000,000		9,000,000

FY 19 Auth	FY 20 Auth	FY 21 Auth	FY 22 Auth	CY 18 Allocations	CY 19 Allocations	CY 20 Allocation	CY 21 Allocation
2,000,000	2,000,000	2,000,000	15,000,000	4,000,000	-	2,000,000	15,000,000

### Summary

Recent funds were provided to replace and upgrade IT hardware across the CSCU institutions and the system office. The types of projects to be supported include a campus switching upgrade, a data center switching upgrade, distribution hardware, and access switches.

*This program is an ongoing effort that will deploy technology enhancements to the seventeen institutions and System Office. System-wide technology improvements from this program will be deployed from the System Office level. Major examples of projects include both software and hardware initiatives. Important system-wide projects within this request include:*

- 1. Campus Switching Upgrade: The CSCU completed the implementation of a standardized network for the community college system in 2018. These switches, which reside at the edge of the network and connect employees and student's computers to the network and internet, will be at end of life in 2023. In order to replace several thousand switch, the capital expense will need to begin in FY 22. Failure to replace these systems will result in a major security risk for the community college system.*
- 2. Wireless: The wireless system was installed in 2018 and is a major component of student life.*
- 3. Voice Upgrade: The next version of our Cisco operation software will make a number of phones obsolete, requiring replacement to meet security requirements.*
- 4. VDI Infrastructure: The pandemic has required the move to virtual environment to improve agility and meet educational requirements for future remote learning.*

Program	Unallocated Balance 1/1/22	FY 23 (Current Law)	Gov. Proposed Revision	FY 23 Net Gov. Revised
Asnuntuck Community College: Alterations and improvements for expansion of library and student services	3,800,000	-		-

FY 19 Auth	FY 20 Auth	FY 21 Auth	FY 22 Auth	CY 18 Allocations	CY 19 Allocations	CY 20 Allocation	CY 21 Allocation
-	-	-	-	-	-	-	-

### Summary

Initial design funding for this program, which is Phase 1 campus renovations as identified in a 2017 facilities plan, was authorized in FY 17 under PA 15-1. To date, no funds have been allocated.

Program	Unallocated Balance 1/1/22	FY 23 (Current Law)	Gov. Proposed Revision	FY 23 Net Gov. Revised
Health and Mental Health Capital and Information Technology Resources	1,000,000	-		-

FY 19 Auth	FY 20 Auth	FY 21 Auth	FY 22 Auth	CY 18 Allocations	CY 19 Allocations	CY 20 Allocation	CY 21 Allocation
			1,000,000				-

### Summary

Initial funding for this program was authorized in FY 22 under PA 21-111. To date, no funds have been allocated.

Program	Unallocated Balance 1/1/22	FY 23 (Current Law)	Gov. Proposed Revision	FY 23 Net Gov. Revised
Heating, ventilating and air conditioning system improvements	1,467,500	-		-

FY 19 Auth	FY 20 Auth	FY 21 Auth	FY 22 Auth	CY 18 Allocations	CY 19 Allocations	CY 20 Allocation	CY 21 Allocation
-	-	-	-	-	-	-	-

### Summary

Funds were authorized in PA 13-239, with the only allocation from September 2013 in the amount of \$137,500 for various HVAC improvements at Quinebaug Valley Community College.

Program	Unallocated Balance 1/1/22	FY 23 (Current Law)	Gov. Proposed Revision	FY 23 Net Gov. Revised
Middlesex Community College: Renovations and additions to the Wheaton and Snow Classroom Buildings	4,800,000	-		-

FY 19 Auth	FY 20 Auth	FY 21 Auth	FY 22 Auth	CY 18 Allocations	CY 19 Allocations	CY 20 Allocation	CY 21 Allocation
-	-	-	-	-	-	-	-

### Summary

Funding of \$4.8 million was originally authorized in PA 13-239 (FY 14) for "Planning, design and construction of a new academic building" at Middlesex Community College, along with \$39.2 million in FY 15. The latter amount was canceled in PA 16-4 and PA 17-2, while the remaining \$4.8 million was renamed as "Renovations and additions to the Wheaton and Snow Classroom Buildings" in PA 18-178. To date, no funds have been allocated for the project.



Program	Unallocated Balance 1/1/22	FY 23 (Current Law)	Gov. Proposed Revision	FY 23 Net Gov. Revised
Naugatuck Valley Community College: Alterations and improvements in compliance with the Americans with Disabilities Act	2,000,000	-		-

FY 19 Auth	FY 20 Auth	FY 21 Auth	FY 22 Auth	CY 18 Allocations	CY 19 Allocations	CY 20 Allocation	CY 21 Allocation
5,000,000	-	-	-	-	-	-	3,000,000

### Summary

This program provides funding for ADA compliance at Naugatuck Valley CC. Recent funds were provided for a range of accessibility improvements at Naugatuck Valley Community College in Waterbury for compliance with the Americans with Disabilities Act. Projects that will be accomplished involve accessibility regarding bathrooms, elevators and stairs, doors, furniture, water fountains, and exits.

*In 2014 the Community Colleges were mandated by the Federal Office of Civil Rights to perform "self-audits" of their facilities and programs regarding compliance with the Americans with Disabilities Act. Subsequently a consultant was retained to further detail the non-compliance issues and overall costs to rectify non-compliance. To date a plan of action for corrective measures has been submitted to the Office of Civil Rights and minor improvements have been completed from available deferred maintenance funds. Non-compliance may place some types of Federal funding to the college at risk. This project will be completed in two phases. Phase 1 funding was authorized in FY 19 for design and construction services and is not allocated at this time. This request will fund phase 2 construction and miscellaneous improvements.*

Program	Unallocated Balance 1/1/22	FY 23 (Current Law)	Gov. Proposed Revision	FY 23 Net Gov. Revised
Naugatuck Valley Community College: Design for the renovation of Kinney Hall	6,000,000	-		-

FY 19 Auth	FY 20 Auth	FY 21 Auth	FY 22 Auth	CY 18 Allocations	CY 19 Allocations	CY 20 Allocation	CY 21 Allocation
-	6,000,000	-	-	-	-	-	-

### Summary

Initial design funding for this program was authorized in FY 20 under PA 20-1. To date, no funds have been allocated. The full construction costs of the program include replacement of a temporary roof and other environmental abatement concerns.

Program	Unallocated Balance 1/1/22	FY 23 (Current Law)	Gov. Proposed Revision	FY 23 Net Gov. Revised
Northwestern Community College: Alterations, renovations and improvements to the Greenwoods Hall	2,685,817	-		-

FY 19 Auth	FY 20 Auth	FY 21 Auth	FY 22 Auth	CY 18 Allocations	CY 19 Allocations	CY 20 Allocation	CY 21 Allocation
-	-	-	-	-	-	-	-

### Summary

Funds were originally authorized in PA 17-2 JSS (FY 18). To date, there has been no allocation of funds for this program.

Program	Unallocated Balance 1/1/22	FY 23 (Current Law)	Gov. Proposed Revision	FY 23 Net Gov. Revised
Northwestern Community College: Alterations, renovations and improvements to the White building	2,846,250	-		-

FY 19 Auth	FY 20 Auth	FY 21 Auth	FY 22 Auth	CY 18 Allocations	CY 19 Allocations	CY 20 Allocation	CY 21 Allocation
2,021,250	-	-	-	-	-	-	-

### Summary

Funds were originally authorized in PA 17-2 JSS (\$2,021,250 in FY 18 and \$825,000 in FY 19). To date, there has been no allocation of funds for this program.

Program	Unallocated Balance 1/1/22	FY 23 (Current Law)	Gov. Proposed Revision	FY 23 Net Gov. Revised
Norwalk Community College: Alterations, renovations and improvements to the B-wing building	18,671,630	-		-

FY 19 Auth	FY 20 Auth	FY 21 Auth	FY 22 Auth	CY 18 Allocations	CY 19 Allocations	CY 20 Allocation	CY 21 Allocation
-	-	-	-	5,118,370	-	-	-

### Summary

Initial allocation of over \$5.1 million for design of renovations to the B-Wing Building at Norwalk Community College was approved by the State Bond Commission in April 2018. The building had no previous renovation since it was constructed in 1966. Renovations are expected to include: classrooms, laboratories, offices, and numerous plant and building envelope replacements. When complete, the building would be energy efficient.

The estimated total project cost in 2018 was \$23.7 million, which has been previously authorized (\$5.2 million in FY 17 - PA 15-1 - and \$18.6 million in FY 18 - PA 17-2).

Program	Unallocated Balance 1/1/22	FY 23 (Current Law)	Gov. Proposed Revision	FY 23 Net Gov. Revised
Norwalk Community College: Implementation of Phase III of the master plan	28,800,000	-		-

FY 19 Auth	FY 20 Auth	FY 21 Auth	FY 22 Auth	CY 18 Allocations	CY 19 Allocations	CY 20 Allocation	CY 21 Allocation
-	-	-	-	-	-	-	-

### Summary

Funds were originally authorized in PA 15-1 (FY 16). To date, there has been no allocation of funds for this program.

Program	Unallocated Balance 1/1/22	FY 23 (Current Law)	Gov. Proposed Revision	FY 23 Net Gov. Revised
Quinebaug Valley Community College: New maintenance and office building	476,088	-		-

FY 19 Auth	FY 20 Auth	FY 21 Auth	FY 22 Auth	CY 18 Allocations	CY 19 Allocations	CY 20 Allocation	CY 21 Allocation
-	-	-	-	-	-	-	-

### Summary

Funds were originally authorized in PA 17-2 JSS (FY18). To date, there has been no allocation of funds for this program.

## Agency Requests

CSCU made the following requests for new authorization for FY 23, which were not included in the Governor's proposal. The majority of the requests are for new programs, with the exception of two programs (shown below) with current unallocated balances.

Program	Unallocated Balance 1/1/22	Agency FY 23 Request
All State Universities: Deferred maintenance, code compliance and infrastructure improvements in auxiliary funded buildings		7,500,000
All State Universities: Energy efficiency improvements		5,000,000
Capital Community College: Alterations, renovations and improvements to buildings and grounds		19,240,897
Central Connecticut State University: Alterations, renovations and improvements to buildings and grounds		7,500,000
Central Connecticut State University: Design phase 1 of a new STEM academic building		6,813,171
Eastern Connecticut State University: Planning and design for a new sports center		9,897,411
Eastern Connecticut State University: Upgrades to the campus central electrical and heating infrastructure		3,570,000
Gateway Community College: Property Acquisition and design for replacement High Tech Automotive Training Center		5,549,250
Northwestern Community College: Replacement of roofs and windows		2,000,000
Norwalk Community College: Alterations, renovations and improvements to buildings and grounds		4,500,000
Southern Connecticut State University: Mechanical and electrical improvements to Moore Field House		1,571,933
Southern Connecticut State University: Mechanical and electrical improvements to the Lyman Center for the Performing Arts		3,324,006
Southern Connecticut State University: Planning and design for a new campus police station		1,271,987
Western Connecticut State University: Alterations, renovations and improvements to buildings and grounds		5,000,000
Western Connecticut State University: Planning and design for alterations, renovations and additions to Berkshire Hall		6,866,800
Naugatuck Valley Community College: Alterations and improvements in compliance with the Americans with Disabilities Act	2,000,000	5,000,000
Quinebaug Valley Community College: New maintenance and office building	476,088	3,711,992

# University of Connecticut

Program	Unallocated Balance 1/1/22	FY 23 (Current Law)	Gov. Proposed Revision	FY 23 Net Gov. Revised	Agency FY 23 Request
UCONN 2000	-	125,100,000		125,100,000	55,100,000
Research Faculty Recruitment and Hiring Program	6,460,000	11,729,200		11,729,200	

Program	Unallocated Balance 1/1/22	FY 23 (Current Law)	Gov. Proposed Revision	FY 23 Net Gov. Revised	Agency FY 23 Request
UCONN 2000	-	125,100,000		125,100,000	55,100,000

FY 19 Auth	FY 20 Auth	FY 21 Auth	FY 22 Auth	CY 18 Allocations	CY 19 Allocations	CY 20 Allocation	CY 21 Allocation
200,000,000	197,200,000	260,000,000	215,500,000	200,000,000	197,200,000	260,000,000	215,500,000

## Summary

This is UConn's general bond program, which has been used to fund a variety of projects at the university since the original program began in FY 96.

This program's scheduled funding was last modified in FY 22 (PA 21-111, as modified by PA 21-2 JSS), after modifications in both FY 20 and again in FY 17, when the program was extended by 3 years (through FY 27).

The Governor has not proposed any change to the previously adopted authorization schedule. All eligible authorizations are allocated and made available to the program based on previous arrangement with the State Bond Commission.

UConn 2000 Authorization Schedule			
FY	Millions \$	FY	Millions \$
2012	157.2	2020	197.2
2013	143	2021	260
2014	204.4	2022	215.5
2015	315.5	2023	125.1
2016	312.1	2024	84.7
2017	240.4	2025	56
2018	200	2026	14
2019	200	2027	9

The umbrella funding is used for long-term projects involving expanded science labs and other academic program renovations and equipment, along with deferred maintenance projects.

## UConn Health Center

The UConn 2000 program included funding for various capital projects at the UConn Health Center (UHC) through the Bioscience Connecticut Initiative (PA 11-75). Funding for the Bioscience Connecticut Initiative ended in FY 18.

The FY 22 adjustment to the program provided \$25 million additional GO bond fund authorization for FY 22 for Deferred Maintenance/Code Compliance/ADA Compliance/Infrastructure & Improvements for the Health Center (CGS 10a-109e).

UHC has requested an additional \$55.1 million for the same program for FY 23. No additional funding for UConn or UHC was proposed in the Governor's bond bill.

Regarding the deferred maintenance request, UHC previously provided the following:

UConn Health's campus now includes 24 buildings comprising 3.6 million gross square feet with a current replacement value of \$1.6 billion. It is imperative that UConn Health keep up with maintenance of these buildings and this campus to be responsible stewards of these state assets and to ensure (for liability, compliance and other purposes) that all facilities are current with code and accessibility requirements. An independent third-party consultant hired to do a Facilities Condition Assessment of the buildings on campus has estimated that the total 10 year non-recurring and recurring (deferred maintenance) costs to maintain UConn Health buildings/facilities is \$321.5m; however, the capital dollars requested represent the bare bones amounts needed to address the projects identified by the consultant as "critical." Like other state agencies and branches that have responsibility to own and maintain state facilities, UConn Health also requires some level of capital deferred maintenance funding paid by the state to ensure facilities are safe, efficient and that they retain their value.

Program	Unallocated Balance 1/1/22	FY 23 (Current Law)	Gov. Proposed Revision	FY 23 Net Gov. Revised
Research Faculty Recruitment and Hiring Program	6,460,000	11,729,200		11,729,200

FY 19 Auth	FY 20 Auth	FY 21 Auth	FY 22 Auth	CY 18 Allocations	CY 19 Allocations	CY 20 Allocation	CY 21 Allocation
			6,460,000				-

### Summary

The program was adopted in FY 22 to support expansion of research faculty for the University, specifically providing resources for "proof of concept, technology maturation, early-stage and late-stage venture capital funding" and other expansion "entrepreneurial" efforts. The program was an expansion of a previous effort under CGS 10a-104c.

Initial funding for this program was authorized in FY 22 under PA 21-111. To date, no funds have been allocated.

Funding for the program, included authorizations adopted past FY 23, is authorized according to the following table.

FY	\$
2022	6,460,000
2023	11,729,200
2024	14,489,200
2025	9,220,000
2026	4,201,600

# Office of the State Treasurer

Program	Unallocated Balance 1/1/22	FY 23 (Current Law)	Gov. Proposed Revision	FY 23 Net Gov. Revised
Baby Bonds	Beginning in FY 23	50,000,000		50,000,000

## Summary

First established in FY 22 (PA 12-111, as amended by PA 21-2), the program is designed to deposit funds for each child born in the state, whose births were covered under the HUSKY program. Initial funds (up to \$3,200 per child) are to be invested and the proceeds made available for eligible purposes once the recipient has reached age 18 and met other criteria. Eligible expenditures include those for education, home-buying, business investments, and personal financial investments.

Initial funding for this program was authorized beginning in FY 23.

Total adopted funding for the program is \$600 million, at \$50 million per year for FY 23 through FY 34.

# Department of Energy and Environmental Protection

Program	Unallocated Balance 1/1/22	FY 23 (Current Law)	Gov. Proposed Revision	FY 23 Net Gov. Revised
Alterations, renovations and new construction at state parks and other recreation facilities including Americans with Disabilities Act improvements	-	15,000,000	15,000,000	30,000,000
A program to establish energy microgrids to support critical municipal infrastructure	10,000,000	5,000,000		5,000,000
Clean Water Fund GO - Grants-in-aid to towns	207,400,000	100,000,000		100,000,000
<b>#Clean Water Fund Revenue - Low-interest loans to towns</b>	<b>777,000,000</b>	<b>237,000,000</b>		<b>237,000,000</b>
Connecticut bikeway, pedestrian walkway, recreational trail and greenway grant program	3,000,000	3,000,000		3,000,000
For the purpose of funding any energy services project that results in increased efficiency measures in state buildings pursuant to section 16a-38l of the general statutes, or for any renewable energy or combined heat and power project in state buildings	20,000,000	10,000,000		10,000,000
Grants-in-aid for containment, removal or mitigation of identified hazardous waste disposal sites	12,500,000	5,000,000		5,000,000
Grants-in-aid for identification, investigation, containment, removal or mitigation of contaminated industrial sites in urban areas	10,500,000	10,500,000		10,500,000
Grants-in-aid to municipalities for improvements to incinerators and landfills, including but not limited to bulky waste landfills	2,900,000	2,900,000		2,900,000
Grants-in-aid to municipalities for open space land acquisition and development for conservation or recreational purposes	17,000,000	10,000,000		10,000,000
PFAS - For the purposes of testing for pollution from perfluoroalkyl and polyfluoroalkyl substances, providing potable water to persons affected by such pollution and for buyback of aqueous film-forming firefighting foam containing perfluoroalkyl and polyfluoroalkyl substances	-	1,150,000		1,150,000
Dam repairs, including state-owned dams	21,679,000	-		-
For water pollution control projects at state facilities	750,000	-		-
Recreation and natural heritage trust program for recreation, open space, resource protection and resource management	6,000,000	-		-
Town Open Space Program - Glastonbury	2,000,000	-		-
Various flood control improvements, flood repair, erosion damage repairs and municipal dam repairs	13,599,710	-		-

#Clean Water Fund Revenue bonds are not part of the GO bond program.



# Department of Energy and Environmental Protection

Program	Unallocated Balance 1/1/22	FY 23 (Current Law)	Gov. Proposed Revision	FY 23 Net Gov. Revised
Alterations, renovations and new construction at state parks and other recreation facilities including Americans with Disabilities Act improvements	-	15,000,000	15,000,000	30,000,000

FY 19 Auth	FY 20 Auth	FY 21 Auth	FY 22 Auth	CY 18 Allocations	CY 19 Allocations	CY 20 Allocation	CY 21 Allocation
-	-	-	-	3,580,375	3,992,200	1,300,000	14,303,182

## Summary

This is DEEP's ongoing state parks and fisheries improvement program, which has historically been used for projects including minor capital improvements (repainting or replacing worn portions of bathroom buildings), removal of diseased trees, and development or replacement of piers or retaining walls.

Recent funding was provided under the program for a new Western District headquarters at Black Rock in Watertown, along with HVAC improvements at Dinosaur State Park.

\$15 million of authorization for the program is set to become effective for FY 23 under current law. The Governor's proposal increases the authorization by an additional \$15 million, making \$30 million available for future projects.

*This is the only program for renovations, alterations and new construction in State parks and other recreational facilities, including ADA access improvements. Project selection is drawn from State Park Management Unit Infrastructure Plans, the State Park Facilities Improvement (2020) Plan and the Connecticut State Parks General Management Conditions Assessment, which evaluated 51 State parks and forest recreation areas against an established infrastructure baseline. Prioritization is given to addressing public health and safety issues, building code/OSHA violations and replacement of failing infrastructure. As DEEP continues with infrastructure improvements, efforts will include new buildings such as maintenance facilities, cabins, bathhouses and ticket booths, as well as green technology upgrades, and upgrades to existing buildings.*

Program	Unallocated Balance 1/1/22	FY 23 (Current Law)	Gov. Proposed Revision	FY 23 Net Gov. Revised
A program to establish energy microgrids to support critical municipal infrastructure	10,000,000	5,000,000		5,000,000

FY 19 Auth	FY 20 Auth	FY 21 Auth	FY 22 Auth	CY 18 Allocations	CY 19 Allocations	CY 20 Allocation	CY 21 Allocation
-	-	-	5,000,000	-	-	-	-

## Summary

Originally started in 2012, over \$50 million was allocated for grants to municipalities for microgrid development from September 2013 through November 2016. Besides the recent increased authorization (PA 21-111), the program was expanded to allow use for resiliency projects, in a program established in the PA 20-5 SSS.

Besides the funds available and shown here, energy infrastructure resiliency is part of the federal Infrastructure Investment and Jobs Act (IIJA). The Governor's proposal includes \$75 million of new authorization under OPM for state match of additional federal funding, including funds intended for clean water and resiliency projects.

*Microgrid development is an integral component of the State's plan to strengthen resiliency and responsiveness to electric system outages. Microgrids, when tied to critical infrastructure and resources, provide residents with necessary health and safety resources. The program was initiated in 2012. In 2016, the CT General Assembly enacted Public Act 16-196, which authorizes existing microgrid funding to be used for loans or matching grants for energy storage, Class I renewables, or Class III energy sources. DEEP has issued four rounds of microgrid solicitations. To date, thirteen grants have been awarded for twelve separate projects, of which eight are fully operational. DEEP proposes to broaden the types of eligible infrastructure projects that would serve critical municipal needs and strengthen resiliency. The Capital requests in FY22 and FY23 reflect this objective to continue assisting municipalities.*

Program	Unallocated Balance 1/1/22	FY 23 (Current Law)	Gov. Proposed Revision	FY 23 Net Gov. Revised
Clean Water Fund GO - Grants-in-aid to towns	207,400,000	100,000,000		100,000,000
Clean Water Fund Revenue - Low-interest loans to towns	777,000,000	237,000,000		237,000,000

FY 19 Auth	FY 20 Auth	FY 21 Auth	FY 22 Auth	CY 18 Allocations	CY 19 Allocations	CY 20 Allocation	CY 21 Allocation
85,000,000	75,000,000	75,000,000	100,000,000	80,000,000	160,100,000	-	60,000,000
350,300,000	-	84,000,000	281,000,000	204,770,000	291,130,000	31,000,000	-

## Summary

The Clean Water program pursues two main avenues of water improvement – wastewater and drinking water systems. The program leverages GO grants as federally-required matching funds to complement revenue bonds used to provide subsidized loans to municipalities and utilities.

Besides the funds available and shown here, clean water infrastructure is part of the federal Infrastructure Investment and Jobs Act (IIJA). The Governor's proposal includes \$75 million of new authorization under OPM for state match of additional federal funding, including funds intended for clean water and resiliency projects.

*Properly functioning wastewater infrastructure for Connecticut municipalities is critical for water quality, public health and economic vitality. Since the design life of wastewater treatment plants is 20 years, there is an ongoing need to update wastewater treatment plants due to capacity needs, permit limits necessary to protect water quality, and the need to maintain energy efficient treatment reliability. A portion of this Capital Budget Request is to fully fund wastewater treatment plant upgrades, which will include plant upgrades to provide phosphorus removal. Performing rehabilitation work on the sanitary sewers and pumping stations, prior to a catastrophic failure, will save municipalities money on expensive emergency repairs, not to mention the elimination of accidental sewage spills to the environment and sewage backups into residences and businesses.*

*Drinking water infrastructure for Connecticut public water systems is critical to provide safe drinking water to Connecticut residents and businesses. There is an ongoing need to upgrade water treatment plants, water storage facilities, water distribution systems, pump stations and collection systems due to capacity needs and the necessity to replace equipment that has surpassed its useful life cycle. The need for modernized water treatment plants, new and upgraded water storage facilities, water main replacements, public water system interconnections and the consolidation of small systems are the dominant categories of projects requiring funding in the next two fiscal years.*

Program	Unallocated Balance 1/1/22	FY 23 (Current Law)	Gov. Proposed Revision	FY 23 Net Gov. Revised
Connecticut bikeway, pedestrian walkway, recreational trail and greenway grant program	3,000,000	3,000,000		3,000,000

FY 19 Auth	FY 20 Auth	FY 21 Auth	FY 22 Auth	CY 18 Allocations	CY 19 Allocations	CY 20 Allocation	CY 21 Allocation
3,000,000	3,000,000	-	3,000,000	3,000,000	-	-	3,000,000

### Summary

Since 2007, \$13 million of bond funds have been allocated to the Greenways program to develop and connect trails and walkways around the state. Recent funding was used to provide grants for 20 projects, as shown in the table.<sup>1</sup> DEEP reported 65 applications requesting funding of \$22 million, including \$7 million for highly ranked projects.

Applicant	Project Title	Description	Grant Award
Coventry	Nathan Hale Greenway Trail Development	Planning/Design, Construction, Education, Amenities	\$350,000
Thompson	Thompson CT - More Than Just a Train Wreck!	Planning/Design	\$16,000
Danbury	City of Danbury Trail Routing Planning Study	Planning/Design, Education, Outreach	\$40,000
Windham	Windham Air Line Trail Enhancement	Maintenance, Amenities	\$86,525
Ledyard	Tri-Town Trail Phase 2	planning/design, construction, amenities	\$112,000
Kent Land Trust	Kent-Warren LT Partnership	planning/design, construction, equipment, Amenities, outreach	\$116,600
Canton	Extension of Farmington River Rail Trail, East	Planning/Design	\$140,000
Wethersfield	Hartford to Wethersfield Multimodal Trail Routing Study	Planning/Design	\$148,000
Vernon	Vernon Rails-to-Trails and the Hockanum River Trail	Construction, Maintenance	\$161,600
Windsor	River Trail -EBarber to Windsor Center	planning/design	\$240,000
University of Connecticut	Trails and Active Living Programs	Education, Outreach	\$220,510
Goodwin University	Goodwin University Trails Expansion-Phase V	Planning/Design, construction	\$150,000
CT Forest & Park Association, Inc.	CT Blue Blazed Hiking Trails, Trails Day	Including 30th CT Trails Day, trail maintenance crews, Mansfield- Nipmuck Trail/ Elementary School Connection	\$457,100
Dinosaur State Park (SP)	Replacement of Boardwalk		\$50,000
Kent Falls SP	Kent Falls Trail Repair		\$250,000
Larkin SP Trail	Provide repairs identified in cooperation with the CT Horse Council		\$200,000
Nehantic State Forest (SF)	Goodwin/ Eight-mile River Watershed Trail Repairs		\$49,520
Pachaug SF	Pachaug Mountain Bike Trails- Phase1Design		\$100,000
Friends of Pachaug SF	Lawrence Road Prescribed Fire / First Succession Forest Interpretive Trail -will highlight special aspects of successional plant and wildlife changes as the forest once again matures.		\$2,023

<sup>1</sup> <https://portal.ct.gov/DEEP/News-Releases/News-Releases---2022/DEEP-Announces-3-Million-in-Trail-Grants-For-20-Projects-Across-the-State>

As documented by the Dept. of Energy and Environmental Protection's Statewide Outdoor Recreation Plan, recreational trails continue to be a priority for Connecticut residents. As recreational trails are becoming more popular, they are also being integrated into economic development, public health and alternative transportation, in CT and nationwide. State Bond funds were authorized in FY07 and FY16, in part, due to diminishing Federal funding sources. DEEP's CT State Parks Division in partnership with CT DOT, has utilized the Bond funds to develop a Statewide Recreational Trails/Bikeways Program.

Program	Unallocated Balance 1/1/22	FY 23 (Current Law)	Gov. Proposed Revision	FY 23 Net Gov. Revised
For the purpose of funding any energy services project that results in increased efficiency measures in state buildings pursuant to section 16a-38l of the general statutes, or for any renewable energy or combined heat and power project in state buildings	20,000,000	10,000,000		10,000,000

FY 19 Auth	FY 20 Auth	FY 21 Auth	FY 22 Auth	CY 18 Allocations	CY 19 Allocations	CY 20 Allocation	CY 21 Allocation
20,000,000	-	20,000,000	20,000,000	20,000,000	12,000,000	-	28,000,000

### Summary

This program supports energy efficiency upgrades statewide. Recent allocations have been used to support energy efficiency upgrades across multiple state agencies, including DEEP's fish hatchery in Quinebaug, Department of Corrections's facilities in Cheshire, Hartford, Enfield, and Newtown, and a Department of Mental Health and Addiction Services facility in New Haven, and those shown in the table, which represented Phase 2 of projects after an original \$6 million allocation for Phase 1.

Location	Building	Estimated Gross Cost (\$)
Bridgeport	New Center & Memorial Unit	3,357,308
Uncasville	RL Corrigan	2,325,000
Waterbury	Rowland Govt Center	595,084
Hartford	450-460 Capitol Ave	960,078
Hartford	CRMHC	917,355
Brooklyn	Brooklyn CC 300 bed facility	377,015
Hartford	410 Capitol Ave	698,534
Enfield	Robinson	1,083,781
East Windsor	Education and Recreation State Receiving Home	362,701
Norwich	Campbell Medical Building	512,765
Middletown	Building 8	778,774

Projects are generally expected to pay for their own cost through energy or water savings over the course of 5 to 15 years.

The Department of Energy and Environmental Protection (DEEP), in consultation with the Department of Administrative Services (DAS) and the Office of Policy and Management, implements the state's plan for the reduction of energy consumption in state buildings, as required by C.G.S. §16a-37u, §16a-38a, §16a-38i, and §16a-38l. Governor Lamont's Executive Order 1 also creates a requirement for Executive Branch buildings to reduce their greenhouse gas emissions, waste disposal and water consumption. In order to meet these objectives, the GreenerGovCT/Lead by Example program will need \$20 million per year for at least the next two years and in future years to address a strategic pipeline of building projects, informed by comprehensive energy audits. The State currently spends approximately at least \$80 million annually on utility costs. At least 72 bond-funded energy efficiency retrofits in State buildings have been approved since bond funding was made available in 2013, for a total commitment of about \$90 million for these projects and an average payback of 8 years. This amounts to many millions of dollars in annual costs saved through these investments. For information on the list of approved bond-funded projects, please see the Lead By Example for State Agencies webpage, on the DEEP website, at <https://portal.ct.gov/DEEP/Energy/Lead-By-Example/Lead-By-Example>.

Program	Unallocated Balance 1/1/22	FY 23 (Current Law)	Gov. Proposed Revision	FY 23 Net Gov. Revised
Grants-in-aid for containment, removal or mitigation of identified hazardous waste disposal sites	12,500,000	5,000,000		5,000,000

FY 19 Auth	FY 20 Auth	FY 21 Auth	FY 22 Auth	CY 18 Allocations	CY 19 Allocations	CY 20 Allocation	CY 21 Allocation
-	-	-	5,000,000	5,200,000	-	-	2,518,000

### Summary

Recent funding provided a piece of the state portion of federally-mandated remediation costs associated with the remedial action plan (RAP) for groundwater and soil remediation at the Raymark superfund site in Stratford. The federal portion of the funding is 90% to the state's 10% contribution.

*The State Superfund Program provides funding to investigate and remediate hazardous waste and hazardous substance disposal sites that pose an unacceptable risk to human health and the environment; and where a responsible party is not available to perform needed and timely response actions. In addition, as part of the remedy, municipalities may receive grants to install water lines to serve areas impacted by contamination from a State Superfund site. These funds are also used to provide the State's share of Remedial Action costs for Federal Superfund sites where EPA is funding and performing the Remedial Action (due to the absence of a viable responsible party). The State's share typically ranges from 10% to 50% of such costs, and is a statutory obligation in order to have the Federal government pay for the remainder of the Remedial Action.*

*Unknown future sites are anticipated, requiring remediation funding to be available to avoid delay and risk to public health and safety. The sites addressed by this program may also be Brownfields sites. Cleanup and reuse of these sites may enhance job creation or retention, return of properties to tax roles, and reduction of threats to human health and the environment.*

Program	Unallocated Balance 1/1/22	FY 23 (Current Law)	Gov. Proposed Revision	FY 23 Net Gov. Revised
Grants-in-aid for identification, investigation, containment, removal or mitigation of contaminated industrial sites in urban areas	10,500,000	10,500,000		10,500,000

FY 19 Auth	FY 20 Auth	FY 21 Auth	FY 22 Auth	CY 18 Allocations	CY 19 Allocations	CY 20 Allocation	CY 21 Allocation
-	-	-	10,500,000	-	2,000,000	3,770,000	2,000,000

### Summary

This is DEEP's investigation and mitigation side of the state's Brownfield program, with the redevelopment part of the program handled by DECD.

Recent funding was provided for the Anamet Project in Waterbury. The former Anamet Complex is a vacant metal hose factory complex abutting the Naugatuck River, at 698 South Main Street in Waterbury's south end. The project previously received approximately \$2 million in DECD assistance (under the Municipal Grant Program) for demolition, deconstruction and remediation work.

*The Urban Sites Remedial Action Program provides funding for the investigation and remediation of contaminated sites, known as Brownfields, in Distressed Municipalities and Targeted Investment Communities where the responsible party is*

unable or unwilling to conduct the work. The goal of remediation is to facilitate redevelopment and economic revitalization in urban areas.

*This program is jointly administered by the Dept. of Energy and Environmental Protection and the Dept. of Economic and Community Development. Although grant and loan programs exist to assist municipalities and private parties with the investigation and remediation of Brownfields, there remains a need for certain Brownfields to be addressed with more direct State involvement. Bond authorizations for this program will be needed to address investigation and remediation at future sites, thereby reducing potential risks to public health and safety, and preparing the sites for productive re-use. This program is available for Brownfields in Distressed Municipalities and Targeted Investment Communities, which are burdened by a disproportionate number of Brownfields.*

Program	Unallocated Balance 1/1/22	FY 23 (Current Law)	Gov. Proposed Revision	FY 23 Net Gov. Revised
Grants-in-aid to municipalities for improvements to incinerators and landfills, including but not limited to bulky waste landfills	2,900,000	2,900,000		2,900,000

FY 19 Auth	FY 20 Auth	FY 21 Auth	FY 22 Auth	CY 18 Allocations	CY 19 Allocations	CY 20 Allocation	CY 21 Allocation
-	-	-	2,900,000	-	750,000	-	-

### Summary

This program funds the state oversight and management of closed municipal landfills, including those overseen by the former Connecticut Resources Recovery Authority (CRRA). Section 236 of PA 13-247, the FY 14 and FY 15 biennial budget General Government Implementer, required DEEP to assume responsibility for post-closure care at these sites. The CY 19 allocation was to provide ongoing care and maintenance at the five former CRRA (now MIRA) landfills: Hartford, Ellington, Waterbury, Wallingford, and Shelton.

Examples of repairs and/or improvements that may be needed include: 1) remediating large scale erosional features that may threaten the integrity of the landfill, 2) replacing major components of the methane recovery systems, required for public safety, 3) installing groundwater and leachate treatment, and 4) other unanticipated large-scale expenses associated with post-closure care of the landfills.

*Future closures will be determined through a process of inspection, assessment of pollution potential, and proposed schedules for closure pursuant to approved closure plans and/or stewardship permit requirements for the closure of landfills. Improvements and repairs are needed to ensure that the former CRRA landfills are managed after final closure so that they do not pose a threat to human health and the environment. Such improvements/repairs include landfill gas and leachate control systems, stormwater management systems, final cover repairs, and water treatment systems.*



Program	Unallocated Balance 1/1/22	FY 23 (Current Law)	Gov. Proposed Revision	FY 23 Net Gov. Revised
Grants-in-aid to municipalities for open space land acquisition and development for conservation or recreational purposes	17,000,000	10,000,000		10,000,000

FY 19 Auth	FY 20 Auth	FY 21 Auth	FY 22 Auth	CY 18 Allocations	CY 19 Allocations	CY 20 Allocation	CY 21 Allocation
-	-	-	10,000,000	10,000,000	5,000,000	-	-

### Summary

The municipal open space grant program provides state funding towards meeting legislative open space goals. The bond funding for this program is leveraged alongside funding within the Community Investment Act.

*The Connecticut General Assembly established a goal of having 673,210 acres (21%) of the State's land area preserved as open space. The goal calls for 352,634 acres (11%) of the State's land area to be acquired by DEEP's Partners (municipalities, nonprofit land conservation organizations and water companies). As of December 2019, it is estimated that our Partners held approximately 248,953 acres or 70.6% of the State's goal. To meet the goal set forth for Partner open space acquisitions, an additional 103,681 acres of open space must be acquired by our Partners by 2023.*

*DEEP offers an annual grant round each September. The Bond funding from this Open Space Program augments funding from the Community Investment Act program, and is critical to satisfy the need of this very popular land acquisition program. The Bond funding requested will provide matching grants to DEEP's Partners for eligible acquisitions.*

The State open space goals are funded within DEEP's bond-funded Recreation and Natural Heritage Trust Program.

Program	Unallocated Balance 1/1/22	FY 23 (Current Law)	Gov. Proposed Revision	FY 23 Net Gov. Revised
PFAS - For the purposes of testing for pollution from perfluoroalkyl and polyfluoroalkyl substances, providing potable water to persons affected by such pollution and for buyback of aqueous film-forming firefighting foam containing perfluoroalkyl and polyfluoroalkyl substances	-	1,150,000		1,150,000

FY 19 Auth	FY 20 Auth	FY 21 Auth	FY 22 Auth	CY 18 Allocations	CY 19 Allocations	CY 20 Allocation	CY 21 Allocation
-	2,000,000	-	1,150,000	-	-	2,000,000	1,150,000

### Summary

First implemented in PA 20-1, these funds were initially used to provide potable water in contaminated areas, establish testing for PFAS, and grants for buy-back programs for municipalities using firefighting foam containing PFAS.

Recent funding was allocated for testing for appropriate alternatives to aqueous film forming foam products (AFFF). This allocation will also be used to perform laboratory analysis of drinking water samples to detect the presence of PFAS and to supply bottled water and carbon filtration systems to impacted residents. Additionally, this funding will provide potable water investigations at locations deemed most vulnerable to potential PFAS pollution.

Funding for potable water projects (grants) to municipalities to address well water pollution problems when no responsible party can be found; or the responsible party has insufficient funds to cover the cost of providing an alternative water supply. Grant funds may be used to evaluate water supply alternatives; perform engineering studies of water supply alternatives; and for the capital costs for implementing the preferred alternative. Funding for PFAS is for investigating, containing, removing or addressing PFAS in various media in drinking water, groundwater, surface water, soil, sediment, fish, waste water influent and effluent, sludge, biosolids, air, and consumer products and associated packaging and developing electronic systems to maintain and analyze environmental data.

Program	Unallocated Balance 1/1/22	FY 23 (Current Law)	Gov. Proposed Revision	FY 23 Net Gov. Revised
Dam repairs, including state-owned dams	21,679,000	-		-

FY 19 Auth	FY 20 Auth	FY 21 Auth	FY 22 Auth	CY 18 Allocations	CY 19 Allocations	CY 20 Allocation	CY 21 Allocation
5,500,000	-	5,500,000	-	-	-	6,650,000	500,000

### Summary

These funds are utilized to undertake studies, design and construction of repairs to State-owned dams. The State owns in excess of 260 dams, which create lakes and ponds that are used for a variety of purposes. The DEEP owns and operates 95% of these dams. As owner of these structures, the State is responsible for their on-going safety. Actions are initiated on these State structures based upon their state of repair, compliance with current safety standards and the hazard they pose to downstream areas in the event of a failure.

This source of funding is essential to the DEEP's on-going efforts to repair and modernize all State-owned dams in compliance with the Army Corps of Engineers and State safety standards. In FY 13, a statutory change was made to require more regular dam owner responsible inspections of all high and significant hazard dams. DEEP is responsible for hiring consultants to undertake required regulatory inspections of approximately 50 State-owned dams per year. This results in a determination of the costs of repairs to those dams inspected and the development of a list prioritizing those repairs of State-owned dams. In addition, dam repairs and reconstruction which have previously been deferred are becoming more pressing. As dam maintenance and minor repairs are deferred, the structures continue to deteriorate and may result in increased long-term costs, as on-going repairs become more comprehensive reconstruction projects. Dam repair projects are initiated based upon risk and protection of public safety.

Program	Unallocated Balance 1/1/22	FY 23 (Current Law)	Gov. Proposed Revision	FY 23 Net Gov. Revised
For water pollution control projects at state facilities	750,000	-		-

FY 19 Auth	FY 20 Auth	FY 21 Auth	FY 22 Auth	CY 18 Allocations	CY 19 Allocations	CY 20 Allocation	CY 21 Allocation
-	-	-	-	-	-	500,000	-

### Summary

This program supports water pollution control projects and improvements across multiple state agencies statewide. Recent projects have been completed with the Department of Mental Health and Addiction Services, the Department of Developmental Services, and the University of Connecticut, as well as projects at DEEP facilities.



Septic systems and wastewater treatment facilities require periodic upgrades for the maintenance of the existing infrastructure, expansions to meet demands from increasing flow rates, or treatment upgrades to comply with environmental requirements. State agencies are held to the same regulatory technical and permit standards as are municipalities. Projects for the next two fiscal years focus on repairs at DEEP facilities, and the out-year projections are to continue septic system upgrades at State parks. CGS Section 22a-439a provides funding only for capital improvements. Operation and maintenance expenses are the responsibility of the agency through its operating budget.

Program	Unallocated Balance 1/1/22	FY 23 (Current Law)	Gov. Proposed Revision	FY 23 Net Gov. Revised
Recreation and natural heritage trust program for recreation, open space, resource protection and resource management	6,000,000	-		-

FY 19 Auth	FY 20 Auth	FY 21 Auth	FY 22 Auth	CY 18 Allocations	CY 19 Allocations	CY 20 Allocation	CY 21 Allocation
-	1,000,000	-	-	-	-	-	7,500,000

### Summary

The Recreation and Natural Heritage Trust program provides state funding towards meeting legislative open space goals for state-owned protected space. This program works alongside the Municipal open space grant program.

*The Connecticut General Assembly established a goal of having 673,210 acres (21%) of the State's land area preserved as open space. As of December 2019, it is estimated that DEEP held approximately 261,296 acres (81.5%) of the State's area. To meet the goal set forth for State open space acquisitions, an additional 59,280 acres of open space must be acquired by the State by 2023. Achieving this goal would require a significant increase in annual authorizations/allocations.*

*Since May 2014, DEEP acquired almost 6,300 acres, at a cost to the State of approximately \$1,389/acre. Since May 2014, every \$1 of expended State bond funds leveraged \$4.41 in funds from other parties (Federal grants and private contributions).*

Program	Unallocated Balance 1/1/22	FY 23 (Current Law)	Gov. Proposed Revision	FY 23 Net Gov. Revised
Town Open Space Program - Glastonbury	2,000,000	-		-

FY 19 Auth	FY 20 Auth	FY 21 Auth	FY 22 Auth	CY 18 Allocations	CY 19 Allocations	CY 20 Allocation	CY 21 Allocation
-	-	-	-	-	-	-	-

### Summary

\$10 million was authorized in PA 16-4 for the Glastonbury open space grant. \$1 million was allocated towards Glastonbury's purchase of municipal open space in September 2016. There have been no allocations to the program since 2016. \$7 million of authorization was reduced in PA 21-111, which also adjusted language for the authorization.

Program	Unallocated Balance 1/1/22	FY 23 (Current Law)	Gov. Proposed Revision	FY 23 Net Gov. Revised
Various flood control improvements, flood repair, erosion damage repairs and municipal dam repairs	13,599,710	-		-

FY 19 Auth	FY 20 Auth	FY 21 Auth	FY 22 Auth	CY 18 Allocations	CY 19 Allocations	CY 20 Allocation	CY 21 Allocation
-	-	-	-	-	-	500,000	-

### Summary

This program is the municipal/local component of DEEP's dam and flood control program, complementing the state-owned dam repair program.

*These funds are used as the State's share for cooperative flooding, erosion and municipal dam repair projects, undertaken with municipalities and the Federal government, as well as to fund repairs to State-owned flood control projects. The funds are essential to continue the Dept. of Energy and Environmental Protection's efforts to mitigate flooding hazards and erosion problems that exist in all Connecticut towns and cities. DEEP enters into cost-shared agreements with municipalities to address these problems, and there has been significant local interest shown in this program. Funding from the State FECB program may be used to fund a portion of the costs for the engineering study, design and actual construction of the flood, erosion, non-structural flood mitigation measures or dam safety improvements.*

# Department of Correction

Program	Unallocated Balance 1/1/22	FY 23 (Current Law)	Gov. Proposed Revision	FY 23 Net Gov. Revised
Alterations, renovations and improvements to existing state-owned buildings for inmate housing, programming and staff training space and additional inmate capacity, and for support facilities and off-site improvements	30,000,000	10,000,000	60,000,000	70,000,000
Renovations and improvements to existing state-owned buildings for inmate housing, programming and staff training space and additional inmate capacity, including support facilities and demolition and off-site improvements, technology improvements, various projects at various locations	1,818,611	-		-

FY 19 Auth	FY 20 Auth	FY 21 Auth	FY 22 Auth	CY 18 Allocations	CY 19 Allocations	CY 20 Allocation	CY 21 Allocation
-	-	-	30,000,000	-	-	-	-
10,000,000	-	-	-	8,112,657	7,690,069	8,379,500	2,250,500

## Summary

This is DOC's primary department facilities program. Funds are used for a variety of capital purposes, including HVAC/energy conservation, roof repairs, paving, architectural items, security, and fire safety.

Projects funded from recent allocations include:

- *Kitchen flooring replacement (\$450,000):* MacDougall Correctional Institution (Suffield). The current condition of the freezer floor is unsafe due to excessive heaving and the freezer is consistently failing due to its age at 30 years old and will need to be removed to repair the concrete floor underneath it. The project includes a new freezer and freezer floor.
- *Bridgeport Correctional Center (\$99,494)* – install 36 cameras and software in the gym, admitting and processing areas, and the hospital.
- *Corrigan Correctional Center (\$175,144)* – install 40 new cameras and software in the kitchen and classrooms.
- *Radgowski Correctional Center (\$85,527)* - install 22 new cameras and software in the kitchen and classrooms.
- *New Haven Correctional Center (\$204,654)* – install 39 cameras and software in housing units A and kitchen and school area blind spots.
- *York Correctional Center (\$182,711)* – install 29 cameras and software throughout the facility.
- *Osborn Correctional Institution (\$94,285)* - install 22 new cameras and software in the hospital and school.
- *Emergency/minor capital projects as needed.* Funding is for emergency renovations and improvements to existing DOC buildings for inmate housing, programming and staff training space, technology improvements, and various projects at various locations.

Besides the funds in this department facility program, DOC facilities have gone through other major bond-funded renovations in recent years, such as \$60 million allocated across CY 17 and CY 19 for the York Correctional facility and \$18 million in February 2018 through DEEP's energy efficiency program.

# Department of Emergency Services and Public Protection

Program	Unallocated Balance 1/1/22	FY 23 (Current Law)	Gov. Proposed Revision	FY 23 Net Gov. Revised
Alterations and improvements to buildings and grounds, including utilities, mechanical systems and energy conservation	11,270,826	28,200,000		28,200,000
Grants-in-aid for Nonprofit Security Projects	10,000,000	5,000,000		5,000,000
School Security	10,000,000	10,000,000		10,000,000
Alterations and improvements to the State Emergency Operations Center in Hartford	2,500,000	-		-
POST improvements and renovations	1,000,000	-		-
Upgrade and replacement of the Connecticut Land Mobile Radio Network	39,000,000	-		-
Upgrades to the Statewide Monitoring and Notification System	4,000,000	-		-

# Department of Emergency Services and Public Protection

Program	Unallocated Balance 1/1/22	FY 23 (Current Law)	Gov. Proposed Revision	FY 23 Net Gov. Revised
Alterations and improvements to buildings and grounds, including utilities, mechanical systems and energy conservation	11,270,826	28,200,000		28,200,000

FY 19 Auth	FY 20 Auth	FY 21 Auth	FY 22 Auth	CY 18 Allocations	CY 19 Allocations	CY 20 Allocation	CY 21 Allocation
-	-	-	10,700,000	3,005,000	-	500,000	3,711,624

## Summary

This is DESPP's primary departmental facilities account, used for renovations and improvements at facilities across the state.

Recent funding was used for various repairs to DESPP headquarters in Middletown.

*Repairs, replacements and upgrades of facility structures, equipment and grounds for all DESPP facilities statewide, statewide full building generators including Headquarters and Training Academy in Middletown and Meriden.*

Program	Unallocated Balance 1/1/22	FY 23 (Current Law)	Gov. Proposed Revision	FY 23 Net Gov. Revised
Grants-in-aid for Nonprofit Security Projects	10,000,000	5,000,000		5,000,000

FY 19 Auth	FY 20 Auth	FY 21 Auth	FY 22 Auth	CY 18 Allocations	CY 19 Allocations	CY 20 Allocation	CY 21 Allocation
-	5,000,000	-	10,000,000	-	-	5,000,000	-

## Summary

The state funding for the nonprofit security grant program began in PA 20-1 (\$5 million) and was increased in PA 21-111 (\$10 million in FY 22 and \$5 million in FY 23). The original \$5 million was allocated in December 2020, which lead to initial applications in early 2021. At the time DESPP reported applications worth nearly \$15 million, of which \$5 million were approved. No further application period has been announced.

Eligible expenses for the program include reinforcement of entryways, camera systems, and other security best practices as deemed allowable by DESPP. Funding can be used for developing the infrastructure, as well as training personnel to operate and maintain the security infrastructure. Grants are capped at \$50,000 per organization, with half of approved grants available up front and the remainder upon successful installation/completion.

Program	Unallocated Balance 1/1/22	FY 23 (Current Law)	Gov. Proposed Revision	FY 23 Net Gov. Revised
School Security	10,000,000	10,000,000		10,000,000

FY 19 Auth	FY 20 Auth	FY 21 Auth	FY 22 Auth	CY 18 Allocations	CY 19 Allocations	CY 20 Allocation	CY 21 Allocation
10,000,000	15,000,000	-	5,000,000	10,000,000	-	10,000,000	-

### Summary

DESPP, DAS, and CSDE jointly administer the school security infrastructure competitive grant program. Eligible expenses include but are not limited to: installation of surveillance cameras, penetration-resistant vestibules, ballistic glass, solid core doors, double access doors, computer-controlled electronic locks, entry door buzzer system, scan card systems, panic alarms or systems, real time interoperable communications and multimedia sharing infrastructure or other systems, and the training of school personnel in the operation and maintenance of the security infrastructure of school buildings, or the purchase of certain portable entrance security devices.

This program supplements the overall school construction program to provide for capital security improvements at educational facilities. Overall, \$72 million has been authorized for the school security program since 2013. However, many school construction projects adopted since 2013 have included school security-related improvements, so total investment in school security is greater than the amount invested in this program alone.

PA 20-1 increased the authorization for the program by \$15 million while expanding recipient eligibility to include licensed childcare providers and preschools. Grants to private schools, licensed childcare centers, and private preschools are capped at \$50,000 and 50% of eligible expenses. The act also moved \$5 million of targeted authorizations for multimedia interoperable communications systems into the program and out of the core school construction program.

Program	Unallocated Balance 1/1/22	FY 23 (Current Law)	Gov. Proposed Revision	FY 23 Net Gov. Revised
Alterations and improvements to the State Emergency Operations Center in Hartford	2,500,000	-		-

FY 19 Auth	FY 20 Auth	FY 21 Auth	FY 22 Auth	CY 18 Allocations	CY 19 Allocations	CY 20 Allocation	CY 21 Allocation
-	-	-	-	-	-	-	-

### Summary

Funds were originally authorized in PA 15-1 JSS (\$500,000 in FY 16 and \$2,000,000 in FY 17). To date, there has been no allocation of funds for this program.

Program	Unallocated Balance 1/1/22	FY 23 (Current Law)	Gov. Proposed Revision	FY 23 Net Gov. Revised
POST improvements and renovations	1,000,000	-		-

FY 19 Auth	FY 20 Auth	FY 21 Auth	FY 22 Auth	CY 18 Allocations	CY 19 Allocations	CY 20 Allocation	CY 21 Allocation
			1,000,000				-

### Summary

Funds were originally authorized in PA 21-111. To date, there has been no allocation of funds for this program.

Program	Unallocated Balance 1/1/22	FY 23 (Current Law)	Gov. Proposed Revision	FY 23 Net Gov. Revised
Upgrade and replacement of the Connecticut Land Mobile Radio Network	39,000,000	-		-

FY 19 Auth	FY 20 Auth	FY 21 Auth	FY 22 Auth	CY 18 Allocations	CY 19 Allocations	CY 20 Allocation	CY 21 Allocation
			39,000,000				-

### Summary

This program was established in PA 21-111 in order to fund replacement of the core technology system for DESPP. To date, there has been no allocation of funds for the program.

*The Connecticut Land Mobile Radio Network (CLMRN) continues to expand and grow saving CT municipalities and public safety agencies millions of tax payer dollars. Additionally, the CLMRN is creating a level of interoperability in which this state has never seen (a shared state resource that fosters regionalism). This funding will create additional enhancements to the network in effort further protect first responders and all CT residents and visitors.*

*Funding will be used to replace end of life radios, increase system portable level coverage, add trunked control stations for DEMHS, upgrade Network Control Center, add deployable coverage resources, backup power and upgrade communications infrastructure at Department of Corrections to be compatible with state system*

Program	Unallocated Balance 1/1/22	FY 23 (Current Law)	Gov. Proposed Revision	FY 23 Net Gov. Revised
Upgrades to the Statewide Monitoring and Notification System	4,000,000	-		-

FY 19 Auth	FY 20 Auth	FY 21 Auth	FY 22 Auth	CY 18 Allocations	CY 19 Allocations	CY 20 Allocation	CY 21 Allocation
-	-	-	-	-	-	-	-

### Summary

Funds were originally authorized in PA 17-2 JSS (FY 18). To date, there has been no allocation of funds for this program.

As part of the 2017 session, DESPP submitted the following information about the project:

*As part of the comprehensive strategy to modernize infrastructure, emergency telecommunications and IT systems' monitoring, notification, and repair, DESPP is seeking funds to modernize existing systems with a consolidated dashboard solution. The current estimate for the new system is a total of \$8,129,000 which includes \$2,750,000 for generator replacements, \$5,000,000 for infrastructure, electrical, and IT improvements, \$210,000 for design and planning, \$84,000 for the purchase of dashboard, monitoring licenses and associated equipment, \$85,000 for installation, set-up configuration of monitoring, and notifications.*

*DESPP requires reliable, real time, fully functional monitoring and notification of DESPP's infrastructure, emergency telecommunication and IT systems on a 24/7/365 basis. DESPP emergency telecommunications and IT monitoring systems to indicate when services and applications are degrading or have failed, are limited or non-existent. In addition, critical emergency support infrastructure is aged and experiencing system failures.*

*To provide effective emergency services and public protection, DESPP requires a 24/7/365, modern, consolidated system wide solution to monitor, repair, and prevent system outages. A consolidated system wide dashboard will provide monitoring capability to alert when systems are failing, immediate notification to stakeholders when critical system failures occur, and faster response and repair, ultimately enhancing public safety. This capital budget request to fund a consolidated dashboard solution will enhance the State's emergency infrastructure, monitoring and notification systems and provide a uniform, 24/7/365 solution to support the State's core emergency and public safety operations.*



# CTNext

Program	Unallocated Balance 1/1/22	FY 23 (Current Law)	Gov. Proposed Revision	FY 23 Net Gov. Revised
CTNext recapitalization	-	13,500,000		13,500,000

Prior authorizations for CI capitalization, along with Manufacturing Assistance Act (MAA) funds, have been used to capitalize a related venture, CTNext.

FY 19 Auth	FY 20 Auth	FY 21 Auth	FY 22 Auth	CY 18 Allocations	CY 19 Allocations	CY 20 Allocation	CY 21 Allocation
			200,000				200,000

## CTNext

The FY 22 authorization of \$200,000 was allocated in December 2021 to conduct an economic feasibility study of the Westfield Mall area in Trumbull.

The authorization and program extension in PA 21-111 included funding for five years, as follows:

FY	2022	2023	2024	2025	2026
\$	200,000	13,500,000	23,500,000	13,500,000	13,500,000

Last year's act allowed proceeds of the authorizations to be used for new and existing innovation places, except for the aforementioned \$200,000 economic feasibility study and \$10 million of FY 24 authorization to be deposited for CTNext's general operations.

Prior to the extension of funding beginning in FY 22 (PA 21-111), CTNext was established in 2016 and funded from the resources of CI and as carve outs from MAA funding. The establishing bill (PA 16-3 MSS) included six distinct programs and funding, as per the table.

LINE ITEMS (millions \$)	Section of						Totals
	SB 502	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	
<b>BOND REVENUES:</b>							
From CI Jobs Bill - General Purposes	16 (b) (2)	5.0	5.0	5.0	5.0	5.0	25.0
From CI Jobs Bill - Higher Education	16 (b) (5)	2.0	2.0	-	-	-	4.0
From CI Jobs Bill - Evaluation Study (TEconomy)	16 (b) (3)	0.5	-	-	-	-	0.5
From MAA - Innovation District Grants	10 (b) (4)	4.9	4.9	4.9	9.9	4.9	29.5
From MAA - Higher Education	10 (b) (5)	-	-	2.0	2.0	2.0	6.0
From MAA- Growth Stage Grants	10 (b) (8)	0.45	0.45	0.45	0.45	0.40	2.25
Total Bond Revenues		12.85	12.35	12.35	17.35	12.35	67.25