

General Obligation  
Bonding Subcommittee  
Agency Hearing Summary

March 31, 2021  
1:30 PM

## Agency Hearing Schedule March 31, 2021

Start	End	Agency/Topic
1:30	2:30	Department of Energy and Environmental Protection
2:30	3:00	Agricultural Experiment Station
3:00	3:30	Office of Legislative Management
3:30	4:00	Office of the Chief Medical Examiner
4:00	4:30	Connecticut Port Authority
4:30	5:30	University of Connecticut

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, unallocated balance (funds available under current law that could be approved by bond commission to be spent), and recent allocations. Additional detail is provided on select programs.

# Department of Energy and Environmental Protection

Program	Unallocated Balance 1/1/21	Gov. Rec 22	Gov. Rec 23	Gov. Rec Cancel
A program to establish energy microgrids to support critical municipal infrastructure	5,000,000	5,000,000	5,000,000	-
Alterations, renovations and new construction at state parks and other recreation facilities including Americans with Disabilities Act improvements	14,303,182	-	15,000,000	-
Clean Water Fund GO - Grants-in-aid to towns	167,400,000	75,000,000	75,000,000	-
<b>#Clean Water Fund Revenue - Low-interest loans to towns</b>	<b>#496,000,000</b>	<b>-</b>	<b>#281,000,000</b>	<b>-</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	28,000,000	20,000,000	10,000,000	-
Grants-in-aid for containment, removal or mitigation of identified hazardous waste disposal sites	7,500,000	5,000,000	5,000,000	-
Grants-in-aid for identification, investigation, containment, removal or mitigation of contaminated industrial sites in urban areas	2,000,000	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	-
Grants-in-aid to municipalities for open space land acquisition and development for conservation or recreational purposes	7,000,000	5,000,000	5,000,000	-
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	-
Town Open Space Program - Glastonbury	9,000,000			(9,000,000)
Containment, removal or mitigation of identified hazardous waste disposal sites, and for grants-in-aid to municipalities for new water mains to replace water supplied from contaminated wells	2,518,000			-
Dam repairs, including state-owned dams	22,179,000	-	-	-
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	13,500,000			-
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				
A program to establish energy microgrids to support critical municipal infrastructure				

Agency Req. 22	Agency Req. 23	Gov FY 22	Gov FY 23	Gov Cancel
5,000,000	5,000,000	5,000,000	5,000,000	

Unallocated Balance 1/1/21	FY 18 Auth	FY 19 Auth	FY 20 Auth	FY 21 Auth	CY 17 Allocation	CY 18 Allocations	CY 19 Allocations	CY 20 Allocation
5,000,000	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 proposed new authorization, the Governor's bond bill also proposes conforming changes to authorization language to match changes to the program adopted in the September 2020 special session (PA 20-5 SSS).

*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				
Alterations, renovations and new construction at state parks and other recreation facilities including Americans with Disabilities Act improvements				

Agency Req. 22	Agency Req. 23	Gov FY 22	Gov FY 23	Gov Cancel
41,000,000	44,000,000	-	15,000,000	

Unallocated Balance 1/1/21	FY 18 Auth	FY 19 Auth	FY 20 Auth	FY 21 Auth	CY 17 Allocation	CY 18 Allocations	CY 19 Allocations	CY 20 Allocation
14,303,182	-	-	-	-	11,007,769	3,580,375	3,992,200	1,300,000

## 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.

*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
Clean Water Fund GO - Grants-in-aid to towns
Clean Water Fund Revenue - Low-interest loans to towns

Agency Req. 22	Agency Req. 23	Gov FY 22	Gov FY 23	Gov Cancel
122,000,000	150,000,000	75,000,000	75,000,000	
237,000,000	281,000,000	-	281,000,000	

Unallocated Balance 1/1/21	FY 18 Auth	FY 19 Auth	FY 20 Auth	FY 21 Auth	CY 17 Allocation	CY 18 Allocations	CY 19 Allocations	CY 20 Allocation
167,400,000	-	85,000,000	75,000,000	75,000,000	-	80,000,000	160,100,000	-
496,000,000	158,200,000	350,300,000	-	84,000,000	-	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.

*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. In addition, a significant amount of construction will be improvements to sanitary sewer collection systems. In most municipalities, rehabilitation work in the collection system is long overdue. 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
Connecticut bikeway, pedestrian walkway, recreational trail and greenway grant program

Agency Req. 22	Agency Req. 23	Gov FY 22	Gov FY 23	Gov Cancel
3,000,000	3,000,000	3,000,000	3,000,000	

Unallocated Balance 1/1/21	FY 18 Auth	FY 19 Auth	FY 20 Auth	FY 21 Auth	CY 17 Allocation	CY 18 Allocations	CY 19 Allocations	CY 20 Allocation
3,000,000	-	3,000,000	3,000,000	-	-	3,000,000	-	-

### Summary

Since 2007, \$10 million of bond funds have been allocated to the Greenways program to develop and connect trails and walkways around the state. Recent developments include the Captain John Bissell Trail in South Windsor, the Great Oak Greenway in Ledyard, the South Meadows Greenway at Goodwin College, and the Clinton Blue/Greenway.<sup>1</sup>

*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
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

Agency Req. 22	Agency Req. 23	Gov FY 22	Gov FY 23	Gov Cancel
20,000,000	20,000,000	20,000,000	10,000,000	

Unallocated Balance 1/1/21	FY 18 Auth	FY 19 Auth	FY 20 Auth	FY 21 Auth	CY 17 Allocation	CY 18 Allocations	CY 19 Allocations	CY 20 Allocation
28,000,000	20,000,000	20,000,000	-	20,000,000	-	20,000,000	12,000,000	-

### Summary

This program supports energy efficiency upgrades across multiple state agencies statewide. Recent activities include major improvements to Department of Corrections buildings, along with improvements at the Connecticut Valley Hospital and in many Department of Motor Vehicles facilities.

*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*

<sup>1</sup> <https://portal.ct.gov/DEEP/Outdoor-Recreation/Greenways/Official-Connecticut-Greenways>

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
Grants-in-aid for containment, removal or mitigation of identified hazardous waste disposal sites

Agency Req. 22	Agency Req. 23	Gov FY 22	Gov FY 23	Gov Cancel
12,100,000	18,500,000	5,000,000	5,000,000	

Unallocated Balance 1/1/21	FY 18 Auth	FY 19 Auth	FY 20 Auth	FY 21 Auth	CY 17 Allocation	CY 18 Allocations	CY 19 Allocations	CY 20 Allocation
10,018,000	2,500,000	-	-	-	2,000,000	5,200,000	-	-

## Summary

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
Grants-in-aid for identification, investigation, containment, removal or mitigation of contaminated industrial sites in urban areas

Agency Req. 22	Agency Req. 23	Gov FY 22	Gov FY 23	Gov Cancel
10,500,000	12,500,000	10,500,000	10,500,000	

Unallocated Balance 1/1/21	FY 18 Auth	FY 19 Auth	FY 20 Auth	FY 21 Auth	CY 17 Allocation	CY 18 Allocations	CY 19 Allocations	CY 20 Allocation
2,000,000	-	-	-	-	-	-	2,000,000	3,770,000

### 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. The Governor's proposal includes \$20 million of new authorizations (\$10 million in each of FY 22 and FY 23) for the DECD Brownfield program.

*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
Grants-in-aid to municipalities for improvements to incinerators and landfills, including but not limited to bulky waste landfills

Agency Req. 22	Agency Req. 23	Gov FY 22	Gov FY 23	Gov Cancel
2,900,000	2,900,000	2,900,000	2,900,000	

Unallocated Balance 1/1/21	FY 18 Auth	FY 19 Auth	FY 20 Auth	FY 21 Auth	CY 17 Allocation	CY 18 Allocations	CY 19 Allocations	CY 20 Allocation
-	1,450,000	-	-	-	700,000	-	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				
Grants-in-aid to municipalities for open space land acquisition and development for conservation or recreational purposes				

Agency Req. 22	Agency Req. 23	Gov FY 22	Gov FY 23	Gov Cancel
10,000,000	10,000,000	5,000,000	5,000,000	

Unallocated Balance 1/1/21	FY 18 Auth	FY 19 Auth	FY 20 Auth	FY 21 Auth	CY 17 Allocation	CY 18 Allocations	CY 19 Allocations	CY 20 Allocation
7,000,000	-	-	-	-	-	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
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

Agency Req. 22	Agency Req. 23	Gov FY 22	Gov FY 23	Gov Cancel
1,150,000	1,150,000	1,150,000	1,150,000	

Unallocated Balance 1/1/21	FY 18 Auth	FY 19 Auth	FY 20 Auth	FY 21 Auth	CY 17 Allocation	CY 18 Allocations	CY 19 Allocations	CY 20 Allocation
-	-	-	2,000,000	-	-	-	-	2,000,000

### Summary

First implemented in PA 20-1, these funds were 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.

*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
Town Open Space Program - Glastonbury

Agency Req. 22	Agency Req. 23	Gov FY 22	Gov FY 23	Gov Cancel
				(9,000,000)

Unallocated Balance 1/1/21	FY 18 Auth	FY 19 Auth	FY 20 Auth	FY 21 Auth	CY 17 Allocation	CY 18 Allocations	CY 19 Allocations	CY 20 Allocation
9,000,000	-	-	-	-	-	-	-	-

### 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. The Governor's proposal would reduce the entirety of the remaining \$9 million unallocated balance.

Program
Dam repairs, including state-owned dams

Agency Req. 22	Agency Req. 23	Gov FY 22	Gov FY 23	Gov Cancel
-	7,500,000	-	-	

Unallocated Balance 1/1/21	FY 18 Auth	FY 19 Auth	FY 20 Auth	FY 21 Auth	CY 17 Allocation	CY 18 Allocations	CY 19 Allocations	CY 20 Allocation
22,179,000	5,500,000	5,500,000	-	5,500,000	2,170,000	-	-	6,650,000

### 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
For water pollution control projects at state facilities

Unallocated Balance 1/1/21	FY 18 Auth	FY 19 Auth	FY 20 Auth	FY 21 Auth	CY 17 Allocation	CY 18 Allocations	CY 19 Allocations	CY 20 Allocation
750,000	1,250,000	-	-	-	-	-	-	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
Recreation and natural heritage trust program for recreation, open space, resource protection and resource management

Agency Req. 22	Agency Req. 23	Gov FY 22	Gov FY 23	Gov Cancel
10,000,000	10,000,000			

Unallocated Balance 1/1/21	FY 18 Auth	FY 19 Auth	FY 20 Auth	FY 21 Auth	CY 17 Allocation	CY 18 Allocations	CY 19 Allocations	CY 20 Allocation
13,500,000	-	-	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.*

*The requests for FY22 and FY23 are based on DEEP's existing capacity to manage the program; and look to leverage Federal grant funds. 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). November 29, 2017 was the last bond allocation for this program.*

Program
Various flood control improvements, flood repair, erosion damage repairs and municipal dam repairs

Agency Req. 22	Agency Req. 23	Gov FY 22	Gov FY 23	Gov Cancel
5,000,000	5,000,000	-	-	

Unallocated Balance 1/1/21	FY 18 Auth	FY 19 Auth	FY 20 Auth	FY 21 Auth	CY 17 Allocation	CY 18 Allocations	CY 19 Allocations	CY 20 Allocation
13,599,710	-	-	-	-	-	-	-	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.*

# Agricultural Experiment Station

Program	Unallocated Balance 1/1/21	Gov. Rec 22	Gov. Rec 23	Gov. Rec Cancel
Planning and design for additions and renovations to the Valley Laboratory in Windsor	11,500,000	6,300,000	-	-
Renovations and improvements to greenhouses at the Jenkins Laboratory	200,000			-

# Agricultural Experiment Station

Program				
Planning and design for additions and renovations to the Valley Laboratory in Windsor				

Agency Req. 22	Agency Req. 23	Gov FY 22	Gov FY 23	Gov Cancel
6,300,000	-	6,300,000	-	

Unallocated Balance 1/1/21	FY 18 Auth	FY 19 Auth	FY 20 Auth	FY 21 Auth	CY 17 Allocation	CY 18 Allocations	CY 19 Allocations	CY 20 Allocation
11,500,000	-	-	-	-	-	-	-	-

## Summary

Located in Windsor since 1921, the Valley Lab has a 3-story 8,000 square foot building that was constructed in 1940 on 50 acres of farm and forest land. The Laboratory has not had any major renovations since construction and the building has quickly deteriorated. Scientists there conduct research on insect management, plant diseases, invasive weeds, biological control, indoor molds and soils and provide strong support for a number of important agricultural industries in the state including: nursery, greenhouse, golf, fruit and vegetable growers, Christmas tree, tobacco growers and forestry.

The project currently is in the schematic phase. \$1 million was allotted by the Bond Commission on July 28, 2015. The project has experienced several delays causing the escalation of the project cost. The legislature authorized \$11.5 million for construction and the estimate is \$17.8 million. This request is for an additional authorization of \$6.3 million.

The Valley Laboratory location allows access to research and service for farmers and citizens in the northern part of the state. Scientists and programs have a large impact on agriculture, the CT economy and assistance to citizens. The Agricultural industry has over \$500 million in sales and a \$4 billion impact on the state. We contribute to that economic success in many ways. The scientists and technical staff assist growers and citizens with information about insects, plant diseases, and horticulture. Over 6,000 inquiries and over 5,000 soil tests are conducted annually, and research programs supply critical support to growers. Importantly, due the current state of the laboratory, important public health programs cannot be initiated, such as molecular research on indoor air quality, mosquito and tick viruses/pathogens, biological control and herbicide resistance.

Program				
Renovations and improvements to greenhouses at the Jenkins Laboratory				

Unallocated Balance 1/1/21	FY 18 Auth	FY 19 Auth	FY 20 Auth	FY 21 Auth	CY 17 Allocation	CY 18 Allocations	CY 19 Allocations	CY 20 Allocation
200,000	-	-	-	-	-	-	-	-

## Summary

Funds were authorized in PA 15-1. While there has been no allocation from the \$200,000 authorized in FY 17, over \$13.6 million of funds were allocated for the Jenkins Laboratory between July 2010 and May 2014.

# Office of Legislative Management

Program	Unallocated Balance 1/1/21	Gov. Rec 22	Gov. Rec 23	Gov. Rec Cancel
Alterations, renovations, improvements and technology upgrades at the State Capitol Complex	New	4,780,000	-	-
Replacement of the Legislative drafting and information system	New	2,000,000	-	-
Alterations, renovations and restoration to the State Capitol, including interior and exterior restoration and compliance with the Americans with Disabilities Act,	10,000,000			-
Exterior masonry repairs and window replacement at the Old State House in Hartford,	850,000			-
Replacement, repair and repaving of the roads and sidewalks at the State Capitol Complex,	1,350,000			-

# Office of Legislative Management

Program				
Alterations, renovations, improvements and technology upgrades at the State Capitol Complex				

Agency Req. 22	Agency Req. 23	Gov FY 22	Gov FY 23	Gov Cancel
4,780,000	-	4,780,000	-	

## Summary

This new request would provide funding for several projects, including the following.

Project	\$
Replace Senate chamber voting and sound system	600,000
LOB blast mitigation	500,000
LOB Hearing Room renovations	250,000
Move the Genius of Connecticut statue to top of the dome	500,000
Old State House renovations	250,000
CT-N equipment replacement	680,000
LOG assessment and repairs	2,000,000

Program				
Replacement of the Legislative drafting and information system				

Agency Req. 22	Agency Req. 23	Gov FY 22	Gov FY 23	Gov Cancel
2,000,000	-	2,000,000	-	

## Summary

This new request would fund a replacement of the Legislative drafting and information system.

Program				
Alterations, renovations and restoration to the State Capitol, including interior and exterior restoration and compliance with the Americans with Disabilities Act				

Unallocated Balance 1/1/21	FY 18 Auth	FY 19 Auth	FY 20 Auth	FY 21 Auth	CY 17 Allocation	CY 18 Allocations	CY 19 Allocations	CY 20 Allocation
10,000,000	-	-	15,000,000	-	-	-	-	5,000,000

## Summary

Authorization for this program was approved in PA 20-1. Initial allocation for this program, \$5 million, was approved in September 2020.

Initial allocation is anticipated to be used for the design and bid phases for the following:

- Cleaning of exterior granite, marble, and sandstone masonry to remove soiling, biological growth, paint, metallic stains, and sealant and sealant residue.



- Pointing joints in granite, marble, sandstone, and brick masonry with mortar matching original mortar and providing lead joint covers on exposed horizontal wash joints.
- Reinstalling loose exterior masonry.
- Repairing granite, marble, and sandstone by pinning cracked stone.
- Patching stone losses with stone dutchmen.
- Removing abandoned anchors and patching holes with dutchmen plugs.
- Grouting joints between existing dutchmen and mother stones.
- Patching losses using composite patching mortar, grouting cracks using cementitious and epoxy grouts.
- Patching cracks, using cementitious patching mortar and pointing mortar matching adjacent stone surfaces.
- Patching ornamental marble units using polyester stone patching adhesive, filling open veins in stone marble units, and retooling deteriorated stone surfaces to match adjacent stone surfaces.
- Consolidating friable marble before and after cleaning.
- Replacing damaged and deteriorated brick with new brick to match.
- Replacement of window frames.
- Preparing and sealing joints at window perimeters.
- Stripping, preparing and painting metal cresting, wood dormers including windows, and bronze railing.
- Preparing and providing lacquer coating on bronze railing.

Additionally, the full program is anticipated to include:

- Exterior door refinishing.
- Repairs to exterior stairs.
- Cleaning of interior stonework.
- Replacement of the House chamber handicapped lifts.
- Renovations and upgrades to the elevators.
- Energy efficiency upgrades to the heating and cooling systems.
- Backlighting of the Judiciary Room and House Chamber stained glass skylights and windows that receive no natural light.

Program									
Exterior masonry repairs and window replacement at the Old State House in Hartford									
Unallocated Balance 1/1/21	FY 18 Auth	FY 19 Auth	FY 20 Auth	FY 21 Auth	CY 17 Allocation	CY 18 Allocations	CY 19 Allocations	CY 20 Allocation	
850,000	-	-	1,700,000	-	-	-	-	-	850,000

### Summary

Authorization for this program was approved in PA 20-1. Initial allocation for this program, \$850,000, was approved in September 2020.

The project involves renovation of the Old State House to address exterior masonry repairs and modification or replacement of windows to reduce heating and cooling costs. The initial allocation is anticipated to address replacement of the entry stairs, energy efficiency upgrades, upgrades to gallery spaces and replacement of non-functions gallery technology.

Program									
Replacement, repair and repaving of the roads and sidewalks at the State Capitol Complex									
Unallocated Balance 1/1/21	FY 18 Auth	FY 19 Auth	FY 20 Auth	FY 21 Auth	CY 17 Allocation	CY 18 Allocations	CY 19 Allocations	CY 20 Allocation	
1,350,000	-	-	1,800,000	-	-	-	-	-	450,000

### Summary

Authorization for this program was approved in PA 20-1. Initial allocation for this program, \$450,000, was approved in September 2020.

The project focuses on resurfacing the roadways and parking areas, as well as replacing deteriorating sidewalks along with related lighting and security upgrades. As part of the project, OLM will study exterior access to the building, including developing alternate traffic patterns to improve building security. The initial funds will also allow OLM to complete the design process and bid the replacement of the parking areas and sidewalks. The full project also anticipates installing piping to tie the Capitol into the hot and chilled water loop.

# Office of the Chief Medical Examiner

Program				
Alteration, renovation and additions to the Office of the Chief Medical Examiner in Farmington				

Agency Req. 22	Agency Req. 23	Gov FY 22	Gov FY 23	Gov Cancel
3,000,000	12,775,000	2,500,000	-	

## Summary

This project would fund the initial design portion of an expansion of the OCME facility in Farmington. Total costs for design and construction are anticipated to be approximately \$27 million, with a portion of those costs likely to be sought after the biennium.

The current facility was built in 1987. Due to overcrowding, a refrigerated tractor trailer is parked onsite and used to supplement cold storage needs.

*The current Office of the Chief Medical Examiner facility is over 30 years old. When it was built, the office was performing approximately 1,200 autopsies per year. We are now performing 2,800 autopsies per year. We have outgrown this 30,000 square foot facility. Based on national professional guidelines, our autopsy and cooler space is far below an acceptable size for our population and autopsy numbers. Expansion space is needed for autopsies, medical records, body cooler storage, autopsy supplies, and doctors and investigators. Existing space can be renovated to accommodate medical records and investigator sections. This can proceed now.*

*An attached new building that houses the new, larger autopsy room and additional body cooler space is needed. The use of CT scanning (computerized tomography) has become the standard of care in forensic death investigation. The addition of a CT suite is needed and the current autopsy room may be renovated for this purpose after occupancy of the new autopsy facility. The OCME is a 24/7 agency and the work cannot be interrupted by construction.*

# Connecticut Port Authority

Program	Unallocated Balance 1/1/21	Gov. Rec 22	Gov. Rec 23	Gov. Rec Cancel
Grants-in-aid for improvements to deep water ports, including dredging	60,084,169	50,000,000	-	-
Grants-in-aid for improvements to ports, harbors and marinas, including dredging and navigational improvements	10,000,000			-

# Connecticut Port Authority

Program				
Grants-in-aid for improvements to deep water ports, including dredging				

Agency Req. 22	Agency Req. 23	Gov FY 22	Gov FY 23	Gov Cancel
50,000,000	-	50,000,000	-	

Unallocated Balance 1/1/21	FY 18 Auth	FY 19 Auth	FY 20 Auth	FY 21 Auth	CY 17 Allocation	CY 18 Allocations	CY 19 Allocations	CY 20 Allocation
60,084,169	-	-	65,000,000	25,000,000	8,571,650	8,251,000	-	30,000,000

## Summary

This program is for repairs and improvements, including dredging, at Connecticut's deep water ports (Bridgeport, New Haven, and New London).

The April 2020 allocation of \$30 million was part of a deal to provide supplemental financing for redevelopment and upgrades to the State Pier in New London in accordance with the Harbor Development Agreement. That agreement is a public-private partnership between the Port Authority, North East Offshore, LLC and Gateway New London, LLC. This funding is part of the overall \$157 million deal announced by the administration in February 2020.<sup>2</sup>

More recently, the Governor announced a Host Community Agreement between New London and Ørsted/Eversource, that involves redevelopment of the State Pier in New London.<sup>3</sup>

These developments follow a 2018 deal announced by then Governor Malloy with Electric Boat that including bonded dredging money (\$25 million authorized and allocated through OPM), along with other funding from DECD and CI.<sup>4</sup>

Program									
Grants-in-aid for improvements to ports, harbors and marinas, including dredging and navigational improvements									

Unallocated Balance 1/1/21	FY 18 Auth	FY 19 Auth	FY 20 Auth	FY 21 Auth	CY 17 Allocation	CY 18 Allocations	CY 19 Allocations	CY 20 Allocation
10,000,000	-	-	-	-	-	14,250,000	-	-

## Summary

This program initially authorized \$35 million in PA 15-1 (\$17.5 million in each of FY 16 and FY 17), with a specification that for each \$17.5 million authorization "not less than \$5,000,000 shall be made available to the ports, harbors and marinas in the state other than the deep water ports in the cities of Bridgeport, New Haven

<sup>2</sup>Source: <https://portal.ct.gov/Office-of-the-Governor/News/Press-Releases/2020/02-2020/Governor-Lamont-Announces-Final-Harbor-Development-Agreement-for-New-London-State-Pier>

<sup>3</sup> Source: <https://portal.ct.gov/Office-of-the-Governor/News/Press-Releases/2021/02-2021/Governor-Lamont-Announces-Host-Community-Agreement-Signed-by-New-London>

<sup>4</sup> Source: <https://portal.ct.gov/Malloy-Archive/Press-Room/Press-Releases/2018/05-2018/Gov-Malloy-Announces-Historic-Long-Term-Partnership-with-General-Dynamics-Electric-Boat>

and New London." The authorization was reduced by \$10.75 million across PA 16-4 (\$4 million reduction) and PA 17-2 JSS (\$6.75 million reduction).

The CY 18 allocations were \$13.75 million for infrastructure repairs improvements at the State Pier in New London, with the remaining \$500,000 allocated to the New Haven Port Authority to develop a port area master plan focusing on improved connections to the rail system.

# University of Connecticut

Program	Unallocated Balance 1/1/21	Gov. Rec 22	Gov. Rec 23	Gov. Rec Cancel
UCONN 2000 - PRIOR	-	*190,500,000	*125,100,000	-

Unallocated Balance 1/1/21	FY 18 Auth	FY 19 Auth	FY 20 Auth	FY 21 Auth	CY 17 Allocation	CY 18 Allocations	CY 19 Allocations	CY 20 Allocation
-	200,000,000	200,000,000	197,200,000	260,000,000	200,000,000	200,000,000	197,200,000	260,000,000

\*UConn 2000 program funding was authorized in earlier years, with authorizations scheduled to become effective during the biennium under current law.

## 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 2020 and again in FY 2017, 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	190.5
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 (UCHC) through the Bioscience Connecticut Initiative (PA 11-75). Funding for the Bioscience Connecticut Initiative ended in FY 18.

Beyond the existing UConn 2000 funds, UCHC made the following requests for new capital authorizations. No additional funding for UConn or UCHC was proposed in the Governor's bond bill.

Program	Agency Req. 22	Agency Req. 23
Capital investments for revenue growth	10,000,000	2,000,000
Deferred maintenance, code compliance and infrastructure improvements	27,100,000	8,000,000
Information technology upgrades	10,000,000	3,000,000
New and replacement clinical equipment	3,000,000	3,000,000
Renovations and improvements to research, classroom and clinical spaces	7,000,000	7,000,000

Regarding the deferred maintenance request, UCHC 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.*