

Analysis of State Bond Commission Agenda Items

July 28, 2015
10:30 AM



OFFICE OF FISCAL ANALYSIS

Room 5200, Legislative Office Building
Hartford, CT 06106 • (860) 240-0200

E-Mail: ofa@cga.ct.gov
www.cga.ct.gov/ofa

OFA STAFF

Alan Calandro, Director

Christine Ashburn, Section Chief

Sarah Bourne, Principal Analyst	Elementary Education, Office of Higher Education, Town Education Grants
Don Chaffee, Principal Analyst	Legislative Agencies, Budget Information System, State Personnel
Rachel Della Pietra, Principal Analyst	Children and Families, Public Health, Medical Examiner
Christina Gellman, Principal Analyst	Banking, Dept. of Developmental Services, Teachers' Retirement, Dept. of Rehabilitation Services
Alan Shepard, Principal Analyst	Board of Regents for Higher Education, UConn, Consumer Protection

Michael Murphy, Section Chief

Evelyn Arnold, Associate Analyst	Economic Development, Housing, Culture and Tourism, Results Based Accountability
Anne Bordieri, Associate Analyst	Transportation Fund, Motor Vehicles, Dept. of Transportation, Military, Veterans' Affairs, Soldiers, Sailors & Marines'
William Lederman, Principal Analyst	Budget Information System, Income Tax Modeling
Linda Miller, Principal Analyst	Attorney General, Treasurer, Debt Service, Bonding
Chris Wetzel, Principal Analyst	Dept. of Labor, Tax Policy & Revenue Analysis, Dept. of Revenue Services, Spending Cap

Chris Perillo, Section Chief

Bill Craven, Analyst I	Dept. of Administrative Services, State Personnel, Statewide Issues, Energy Funds, Consumer Counsel, Construction Services
Dan Dilworth, Associate Analyst	Office of Policy & Mgmt., Grants to Towns (PILOTS, Pequot), Municipal Funds, Federal Funds
Grant Gager, Associate Analyst	Emergency Services & Public Protection, Office of Government Accountability, Governor, Lt. Governor, Secretary of the State, Comm. on Human Rights & Opportunities
Marcy Ritsick, Associate Analyst	Environment, Agriculture, Agriculture Experiment Station, Council on Environmental Quality

Rob Wysock, Section Chief

Neil Ayers, Principal Analyst	Dept. of Social Services, UConn Health Center, Office of Health Care Advocate, Dept. of Insurance
Jonathan Palmer, Associate Analyst	Corrections, Budget Information System
Phoenix Ronan, Associate Analyst	Criminal Justice, Judicial, Public Defender, Probate
Emily Shepard, Principal Analyst	Dept. of Social Services, Mental Health and Addiction Services, Psychiatric Security Review Board, Office of Early Childhood
Holly Williams, Associate Analyst	State Comptroller, Dept. of Social Services (Health Care), State Employee Fringe Benefits, Workers' Compensation

Administrative Staff

Laurie L. Wysock, Sr. Executive Secretary
Theresa Kelly, Senior Legislative Secretary
Lisa Kiro, Staff Assistant/Fiscal Note Coordinator

Legislative Office Building, Room 5200, Hartford, CT 06106

Phone: (860) 240-0200

E-Mail: ofa@cga.ct.gov; www.cga.ct.gov/ofa

The following is intended to provide legislative members of the State Bond Commission (SBC) with additional information and analysis of the items on the agenda. We have reviewed the items and provided additional information, comments or questions where it would be helpful.

I. Summary

FY 16 General Obligation Bonds¹

Allocations	FY 16 \$	FY 15 \$
July Agenda	546,117,714	193,234,082
Prior Allocations	0	0
TOTAL	546,117,714	193,234,082

¹ The figures do not include reallocations.

Calendar Year 2015 General Obligation Bonds¹

Allocations	2015 \$	2014 \$
July Agenda	546,117,714	193,234,082
Prior Allocations	1,384,944,114	1,058,873,918
TOTAL	1,931,061,828	1,252,108,000

¹ The figures do not include reallocations.

FY 15 Transportation Fund Bonds

Allocations	FY 16 \$	FY 15 \$
July Agenda	429,195,765	491,803,000
Prior Allocations	0	0
TOTAL	429,195,765	491,803,000

Calendar Year 2015 Transportation Fund Bonds

Allocations	2015 \$	2014 \$
July Agenda	429,195,765	491,803,000
Prior Allocations	68,294,251	162,900,000
TOTAL	497,490,016	654,703,000

Special note on job creation/retention estimates in the SBC agenda:

The Office of Policy and Management has provided an estimate for the number of jobs created or retained for each agenda item. The figures are based on the assumption that for every \$1 million of directly expended project construction costs, a total of 21 jobs are created or retained. Of the 21 job total, 9.4 are direct jobs and 11.6 are supplier jobs.

II. Agenda Items

Item #1 Department of Transportation: Town Aid Road (TAR) Program (\$30,000,000 in new General Obligation bonds)

Please see Appendix A for a town-by-town list of FY 16 TAR grants-in-aid.

Item #2 Department of Transportation: Transportation infrastructure renewal program (\$392,395,765 in new Special Tax Obligation bonds)

Please see Appendix B for a list of projects.

The table below provides a breakout of the amount authorized for the Transportation Infrastructure Improvement Program in FY 16 and the amount allocated in this agenda item.

Transportation Infrastructure Improvement Program Allocation

Description	Total FY 16 Authorization \$	This Allocation \$
Interstate Highway Program	13,000,000	13,000,000
Urban Systems Projects	10,138,710	10,138,710
Intrastate Highway Program	44,000,000	44,000,000
Hazardous Waste: Environmental compliance, soil and groundwater remediation, hazardous materials abatement, demolition, salt shed construction and renovation, storage tank replacement, and environmental emergency response at or in the vicinity of state-owned properties or related to Department of Transportation operations	17,556,000	17,556,000
State bridge improvement, rehabilitation and replacement projects	33,000,000	33,000,000
Highway and Bridge Renewal Equipment	20,381,280	20,381,280
Improvements to State Pier, New London, and Ferry Slips	5,331,000	300,000
Development and improvement of general aviation airport facilities including grants-in-aid to municipal airports, excluding Bradley International Airport	2,000,000	2,000,000
Bus and rail facilities and equipment, including rights-of-way, other property acquisition and related projects	205,300,000	205,300,000
Department facilities	20,719,775	20,719,775
Cost of issuance of Special Tax Obligation Bonds and debt service reserve	26,000,000	26,000,000
TOTAL	397,426,765	392,395,765

Item #3 Department of Transportation: Let's Go Connecticut transportation infrastructure program (\$24,900,000 in new Special Tax Obligation bonds)

The funds will be used to finance the Let's Go CT! projects listed in the table below:

Let's Go Connecticut! Projects

Description	Amount \$
Design and engineering for Interstate 84 widening between exits 3 and 8	10,000,000
Study: Design/engineering - I-91, I-691 and Route 15 interchange improvements	1,000,000
Study: Design/engineering - I-84 and Route 8 interchange improvements in Waterbury	1,000,000
Study: Bus rolling stock for service expansions	500,000
Study: Extension of CTfastrak bus rapid transit corridor east to Manchester	500,000
Study: Implementation of bus rapid transit corridor for Route 1 between Norwalk and Stamford	400,000
Design, engineering and construction of a new dock yard on the Danbury branch line in Norwalk	4,000,000
Implementation of a real-time location and bus information system state wide	7,000,000
Study: centralized paratransit service coordination state wide	500,000
TOTAL	24,900,000

Item #4 Office of the State Comptroller: Development of a Pension Administration Module for the CORE Financial System (\$9,700,000 in new General Obligation bonds)

The funds will be used to develop a pension module for Core-CT. The module will be used by the Office of the State Comptroller's Retirement Division to automate processing of retirement applications, which is currently a paper process. Electronic processing of applications will help to eliminate the current retirement backlog. As of December 2014, the backlog is 12, 719 applications. The total interest payments for FY 14 attributed to the backlog was \$838,846. The total estimated project cost is \$50.0 million and the State Bond Commission allocated a total of \$21.3 million for it in FY 15.

Item #5 Office of the State Comptroller: Enhancements to the CORE Financial System associated with the UConn human resources information (\$7,000,000 in new General Obligation bonds)

The table below provides a breakout of the total estimated \$12.4 million project cost for enhancements and upgrades to the UConn CoreCT HR system. The \$7.0 million is the first allocation for this project. Additional funds of \$5.4 million will need to be authorized by the legislature in the future for this project.

Estimated Total Project Cost for UConn/Core-CT Implementation

Description	Amount \$
System Costs	
Fit Gap Analysis	457,170
Estimate for Design, Build, Test, Deploy	8,506,852
15 % Contingency	1,344,603
Total System Costs	10,308,625
Personnel Costs	
Core-CT Staff Augmentation	1,837,179
15 % Contingency	275,577
Total Personnel Costs	2,112,756
TOTAL PROJECT COST	12,421,381

Item #6 Agricultural Experiment Station: Renovations and additions to the Valley Laboratory in Windsor (\$1,000,000 in new General Obligation bonds)

This allocation will be used to design renovations and additions to the Valley Laboratory in Windsor. Of the \$1,000,000 total, \$800,000 would be used for the architect/engineer fee (TLB Architecture, LLC) and \$200,000 would be used for the Department of Administrative Services fee. The total estimated cost of the project is \$9,773,500.

See Appendixes C and D for a photo of the lab, the proposed addition and a site map.

Background: The Valley Laboratory building in Windsor does not have an elevator and is not ADA compliant. Constructed in 1940, the 8,000 sq. ft. laboratory building has the original electrical and plumbing systems, is heated by fuel oil, and has a septic tank that needs replacement. Research on crop pests, development of new crops, mold in buildings, and invasive plants are conducted here. There are needs for additional laboratory space, a natural gas source to heat the facilities, and a connection to the sewer system located on Bloomfield Avenue. A pre-design study, funded by agency funds, was completed in October 2012. The study recommends the renovation of the existing building and a new 8,000 sq. ft. addition for needed state-of-the-art laboratory space.

Item #7 Department of Energy and Environmental Protection: Seymour: Grant-in-aid for improvements to the athletic fields at Seymour High School (\$265,000 in new General Obligation bonds)

The Town of Seymour received a grant-in-aid of \$1,895,000 at the July 2014 meeting of the State Bond Commission for improvements to the Seymour High School athletic fields, including new bleachers and artificial turf fields. The current allocation will provide additional funding to complete the project.

Questions:

1. Is the town providing any funding for this project?
2. What is the anticipated timeframe for completion of this project?

Item #8 Department of Economic and Community Development: Grant-in-aid to the Charter Oak Cultural Center in Hartford (\$450,000 in new General Obligation bonds)

These funds will support a grant-in-aid to the Charter Oak Cultural Center to assist with accessibility and mechanical system improvements to its facility at 21 Charter Oak Avenue in Hartford.

Background: The Charter Oak Cultural Center is located in an historic Charter Oak Temple. It provides multi-cultural arts and development programs and classes for free or very low cost to Hartford residents. The Center also commissions arts exhibits and performances that emphasize social justice and current events.

Item #9 Office of Policy and Management: Information Technology Capital Investment Program (\$4,350,302 in new General Obligation bonds)

This funding will be used to develop and implement information technology enhancements for the Department of Administrative Services (DAS), the Department of Public Health (DPH), the Department of Consumer Protection (DCP), the Department of Labor (DOL), and the Department of Social Services (DSS). The table below shows the breakdown of the allocation by agency and what will be purchased.

Description	DAS \$	DPH \$	DCP \$	DOL \$	DSS \$
Consultant Services	1,002,351	74,880	200,255	670,000	1,699,080
Hardware	-	-	-	-	-
Software	203,736	-	-	500,000	-
TOTAL	1,206,087	74,880	200,255	1,170,000	1,699,080

DAS: Continuing development and upgrades of the Enterprise Content Management System

DPH: To update the local annual health report to ensure that local health departments are meeting statutory requirements for funding.

DCP: To develop enhancements to the Prescription Monitoring and Reporting System, so that it can more effectively identify medication abuse, misuse, and overprescribing patterns.

DOL: To continue upgrading the Unemployment Insurance Tax and Benefits system.

DSS: To upgrade the Medicaid Eligibility System to allow for coverage changes for certain Husky A adults.

Item #10 Department of Administrative Services: Design of expansions of the distribution pipeline for the Capitol Area District Heating and Cooling System (CAS) in Hartford (\$1,000,000 in new General Obligation bonds)

These funds will be used to design two CAS expansion projects: (1) a 650 ft. extension of a chilled water pipe from Oak Street to 101 Lafayette Street and (2) a 1,200 ft. extension of heated and chilled water pipes on Washington Street. The 101 Lafayette Street project will also replace the onsite chillers, which are failing. The two projects are expected to be completed in April of 2017. After the projects are completed, the following six buildings will be connected to the CAS:

1. Judicial Community Court at 80 Washington Street
2. Judicial Superior Court/ Administrative Offices at 90 Washington Street
3. Hartford Superior Court at 95 Washington Street
4. State Police Troop H at 100 Washington Street
5. Judicial Criminal Court at 101 Lafayette Street
6. State Office Building at 165 Capitol Avenue

The diagram on the following page shows the location of the two projects.

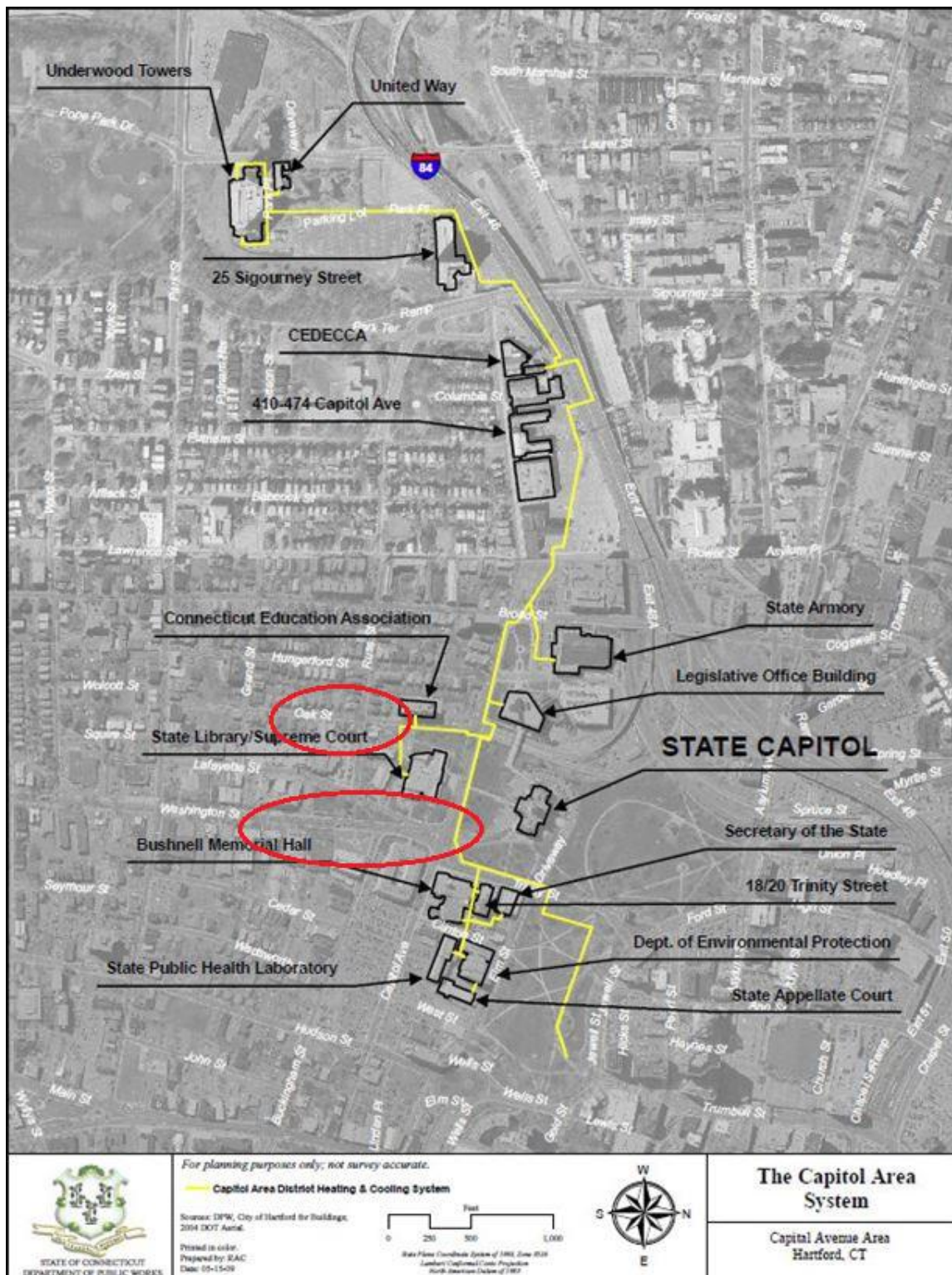
Question: How much does DAS estimate that the state will save in annual energy costs by connecting these six buildings to the CAS?

Background: The CAS is a state-owned thermal-energy (heated and chilled water) transport system. Each year it purchases and delivers hot and chilled water to 18 public and private buildings totaling 3 million sq. ft. with over 150 million BTU's of thermal energy through 2 miles of pipeline. A diagram of the CAS system and current expansion projects appears at the end of this section.

The costs to manage and maintain the CAS are not paid from the General Fund but rather from fixed amounts added to each customer's bill. These fixed fees cover:

- State personnel costs,
- Repair costs (emergency and planned),
- Engineering studies for the existing system operation,
- Engineering studies for future expansion and
- Upgrades and system enhancements to provide greater reliability and efficiency.

District heating and cooling operations are expected to save energy, money and be more environmentally friendly than individual facility plants. Overall project savings are projected to be \$4.4 million per year for CAS customers. The bulk of this savings comes from not having to pay \$2.5 million per year in demand and fixed capitol to the Capitol District Energy Center Cogeneration Associates (CDECCA). The remaining savings will come from new, more efficient boilers and chillers.



Note: The two oval areas in the diagram above were added by OFA to show two pipe extension projects. The larger oval indicates the Washington Street project, the smaller indicates the Oak Street project.

Item #11 Military Department: State matching funds for construction of a military equipment and assigned soldier parking lot at the Enfield Readiness Center (\$1,500,000 in new General Obligation bonds)

The funds will be used for state matching funds for construction of a parking lot at the Enfield Readiness Center for military equipment and soldier parking. The Enfield Readiness Center houses the 1048th Medium Truck Company (tractor trailers) that has served combat support tours in Afghanistan and Iraq and is the primary training and assembly facility for drill weekends and annual training. The Military Department has received \$750,000 in Federal Funds for this project.

Items #12 & #21 Department of Energy and Environmental Protection: Repairs to the Glasgow Dam on the Pachaug River in Griswold (a total of \$5,820,282 in new General Obligation bonds)

These funds will be used for repairs to the Glasgow Pond Dam on the Pachaug River in Griswold. The project received a previous allocation of \$75,000 at the January 26, 2007 meeting of the SBC. The dam is constructed of masonry and reinforced earthen work. It was originally created in 1868 for the Griswold Paper Company and underwent emergency repairs in 1972 and again in 2010, after flooding. Repairs include reinforcing the masonry portion with a concrete wall. Also a new gate chamber and low level outlet will be constructed, and the concrete spillway cap and access fencing will be replaced. In addition, an access road will be installed to facilitate maintenance. These repairs will eliminate leakage and erosion, and increase stability. The dam repairs would be engineered to withstand three times the effects of a 100-year flood.

Questions:

1. What is the estimated time-frame for completing this project?
2. How long has the project been delayed and why?
3. How would the maximum water drawdown of 21 ft. impact the wells of area residents?
4. Is any financial assistance being offered to area residents to off-set the cost of digging new/deeper wells?



The Glasgow Pond Dam on the Pachaug River

Item #13 Department of Education: Construction of a new Bio-Environmental Lab at Prince Tech Vocational School in Hartford (\$881,062 in new General Obligation bonds)

The funds will be used to renovate the existing lab area which will house a new 4,000 sq. ft. Technology Lab, including construction, equipment and telecommunications. This will enhance educational opportunities in response to the Sheff settlement.

Background: The Connecticut Technical High School System (CTHSS) consists of seventeen comprehensive high schools, the Bristol Technical Education Center (11th and 12th graders and post graduates), and two adult education facilities (Stratford School for Aviation Maintenance and CT Aero Tech). Several of the comprehensive high schools also have full-time day adult programs (i.e. LPN, Dental, and Surgical Tech.). As of October 1, 2014 enrollment was 10,884 secondary high school students and 488 full-time adult students for a total enrollment of 11,372. Of this total, 801 secondary students and 55 full time adult students were enrolled at Prince Tech.

The CTHSS receives bond funding for general alterations and improvements on a periodic basis upon request. These funds are generally used to make repairs in the twenty (20) facilities operated by the CTHSS whereby the repair costs cannot be funded through the district's operating budget. Examples include repairs to boilers, roofs, electrical, plumbing, and HVAC work.

Item #14 Department of Correction: Roof replacement and staircase replacement at Willard-Cybulski Correctional Institute in Enfield (\$790,000 in new General Obligation bonds)

The funds will be used to replace the roof and external aluminum staircase at Willard-Cybulski Correctional Institute. The current roof is the original and dates from 1990 for the Willard building and 1992 for the Cybulski building. It is in a state of disrepair and has significant leaks.

Item #15 Department of Correction: Alteration and renovation projects at departmental facilities (\$1,510,561 in new General Obligation bonds)

The table below lists the projects that will receive funding:

Department of Correction Projects

Facility	Description	Cost \$
Enfield Correctional Institute	Design of a water storage tank	328,825
MacDougall and Suffield Correctional Institutes	Design of parking garage repairs	177,000
Bridgeport Correctional Center	Installation of a telephone system	378,000
Carl Robinson, Enfield, and Osborn Correctional Institutes	Parking lot repair and roadway paving	395,000

Facility	Description	Cost \$
Carl Robinson and Enfield Correctional Institutes	Replace underground storage tanks	137,400
Gates and Niantic Correctional Institutes	Replace underground storage tanks	94,336
TOTAL		1,510,561

Background: Except for one wing of the Bridgeport facility, all of the Department of Correction facilities are over 20 years old and undergo 24-hour use and require regular maintenance to maintain safe conditions for the staff, inmates and visitors.

Item #16 Judicial Department: Alteration and improvement projects at departmental facilities (\$1,650,000 in new General Obligation bonds)

The table below describes the projects that will be funded with this allocation:

Judicial Department Renovation and Improvement Projects

Location	Project	Amount \$
Bridgeport GA	Design window replacement - The building dates from 1888 and the window casings and sashes have deteriorated significantly. The design costs include verifying the existing conditions, recommending and designing repairs and estimates of costs, and final contract document for bidding. The project is expected to result in significant energy savings.	400,000
Hartford Admin.	Design tunnel repair - The tunnel running underground between the Judicial Administration Offices and Troop H Police Barracks at 100 Washington Street contains all the wiring, utilities, and heating. Water infiltration has deteriorated the tunnel, resulting in debris falling from the ceiling. The design proposal will include field work to verify all existing conditions, recommendations for repairs, design, project estimates, and final contract document for bidding.	150,000
Waterbury GA	Design HVAC/RTU Replacement - The nine roof top units are original to the courthouse and need replacement. The design proposal will include field work to integrate an updated Energy Management System with recommendations for replacement roof top units, design, project estimates, and final contract documents for bidding.	90,000
Hartford JD	Cooling Tower Replacement - This project includes replacement of the non-functioning cooling tower, which services the 4 th floor courtroom and associated areas.	100,000
New Haven GA	Cooling Tower Repair/Replacement - Replace the existing cooling tower, which services the cellblock unit and is located inside the courthouse, and relocate it to the exterior of the building.	150,000
New Haven GA	Sewer Line Valve Replacement - Design and engineer a backflow valve on the current sewage line. During extreme heavy rains, the lower level of the Elm Street Courthouse has had sewage back up. The cellblock and numerous office and storage areas have been affected during the clean-up.	150,000
Norwalk GA	RTU Replacement/Cooling Tower Shoring - Replace deteriorated cooling tower shoring and the remaining two original HVAC units.	125,000
Waterbury GA	Boiler Replacement - Remove the existing hot water system and domestic hot water boiler system, including the storage tank, thermal expansion tank, and associated circulator pumps and replace it with a high efficient gas fired water heater sized to meet the anticipated building hot water demand.	350,000
Various	Emergency/Minor Capital Projects - Repair mechanical systems (boilers,	135,000

Location	Project	Amount \$
locations	cooling towers, and compressors), plumbing projects, window replacement, parking lot repairs, minor repointing projects, and minor office modifications at various courthouses statewide.	
TOTAL		1,650,000

Item #17 Judicial Department: New Haven Superior Courthouse: Mechanical, electrical and fire suppression system upgrades (\$800,000 in new General Obligation bonds)

The funds will be used to design mechanical, electrical, and fire suppression system upgrades to the New Haven Superior Courthouse at 235 Church Street, including: (1) an automatic sprinkler system, (2) an HVAC system, (3) an emergency power and emergency lighting system, (4) a building control system, and (5) energy efficient fixtures for general lighting. The \$800,000 will be used for architect/engineer fees (\$600,000) and DAS fee (\$200,000.)

The upgrades are required to comply with applicable codes and standards. Since the Superior Court building is fully occupied, the project will be phased over multiple years and personnel in construction areas will be temporarily moved into swing space.

Item #18 Office of Early Childhood: Grants-in-aid for capital improvements and repairs at state-funded early childhood facilities (\$185,512 in new General Obligation bonds)

The funds will provide grants-in-aid to two state-funded early childhood facilities for various capital improvements.

1. Work and Play School, LLC, East Windsor (\$90,512) – The funding will be used for playground surfacing and fencing, the installation of security video surveillance, as well as the replacement of windows, carpet, cabinets and kitchen shelves. This facility supports four state-funded spaces.
2. Windham Willimantic Childcare and Family Development Center (\$95,000) – The funding will be used to install energy efficient windows and upgrade the security system. The facility supports 104 state-funded spaces.

Item #19 Department of Veteran's Affairs: Veteran's Home in Rocky Hill - Campus fire alarm and sprinkler project (\$380,000 in new General Obligation bonds)

These funds will be used to design a campus fire alarm and sprinkler system at the Veteran's Home in Rocky Hill. The project will replace and upgrade the fire alarm system throughout the entire campus. The estimated total project cost is \$4.7 million, as shown in the table below:

Fire Alarm and Sprinkler Project at the Veteran's Home in Rocky Hill

Description	Amount \$
Construction	3,625,000
Contingency	362,500

Description	Amount \$
Architect/Engineer's Fee	310,000
Construction Administrator	200,000
Hazardous Materials	65,000
DCS Fee	140,000
TOTAL	4,702,500

Item #20 Department of Emergency Services and Public Protection: Replacement and upgrade of the agency's radio communications system (\$31,500,000 in new General Obligation bonds)

The funds will be used for Phase II of DESPP's on-going upgrade and replacement of its communications system. This phase will replace the infrastructure supporting the dispatch consoles, control stations, and mobile radios, which were upgraded in Phase I.

DESPP will also use this allocation to begin the planning for, and replacement of, fixed network equipment including repeater stations, antennas, and related supporting equipment throughout the state. This equipment will be purchased, installed, and tested over the next year with project completion anticipated in calendar year 2017.

Item #21 Department of Energy and Environmental Protection: Repairs to the Glasgo Dam on the Housatonic River in Griswold (a total of \$5,820,282 in new General Obligation bonds)

See Item #12

Item #22 Department of Developmental Services: Improvement projects at departmental facilities (\$2,000,000 in new General Obligation bonds)

The table below provides information on the projects that will receive funding:

Renovation and Improvement Projects at DDS Facilities

Project Title	Town(s)	Building Use & Consumers Census	Amount \$	Justification
Design Phase I Master Plan- Camp Harkness	Waterford	Consumer-occupied residences & support space. (192 consumers occupy cabins & camp is used by 35,000 persons annually)	200,000	To expand camp programs and activities for consumers with disabilities, accompanied by their family and friends and upgrade infrastructure and utilities that are past their useful life.
Design Horse Barn and Stables -Camp Harkness	Waterford	1,800 consumers	75,000	Existing barn inadequate to house animals. New 2,800 sf (8) stall barn with tack room, storage, feed room, office area, sitting area, and toilet rooms.
Flooring Update- West Region	Cheshire, Norwalk and	75 consumers	200,000	The flooring in the residential facilities and office areas is deteriorated and needs replacing. Numerous areas are

Project Title	Town(s)	Building Use & Consumers Census	Amount \$	Justification
	Stratford			unsanitary and present a tripping hazard.
Building Improvement – South Region	Norwich, Waterford	150 consumers	200,000	1. Norwich Office Bldg. Renovate Dental Clinic. Additional Dental exam space needed to handle the high client volume. Reconfigure existing space to accommodate additional exam room and laboratory. 2. Camp Harkness Dining Room and Route 16 CLA. Repair, replace and paint exterior at both locations due to weathering and deterioration.
Design Renovations – Four group homes	Colchester, Waterford, Killingly and Manchester	32 consumers	180,000	A complete & comprehensive renovation of four group homes due to the general deterioration of the interiors & exteriors. Renovation will include bathrooms & kitchen, flooring throughout, as well as mechanical, electrical, site and exterior improvements.
Electrical Systems –phone line repair – Southbury Training School(STS)	Southbury	325 consumers	225,000	The electrical power, communications and IT/cable systems are old, unsafe, and beyond useful life and are in need of updating, upgrades and replacement. This funding will address some low voltage computer network issues as well.
Interior/Exterior Renovations – STS	Southbury	325 consumers	150,000	This project will address code and licensing citations, accessibility and general upkeep.
Emergency Generator Replacement - Various locations	Bloomfield, Manchester, Pomfret, Putman, Newington, Killingly, Newington	41 consumers	146,462	Generators would provide 100% power requirements in facilities where evacuation would jeopardize the safety and wellbeing of the clients.
Replace Communication and IT Cables – Regional Center	Meriden	56 consumers	125,000	The communications and IT/cable systems are old, unsafe, and beyond useful life and are in need of updating, upgrades and replacement. Does not meet today's standard for data speeds.
Renovations and Improvements – Camp Quinebaug	Dayville	100 consumers	160,000	Construction of critical Nursing Center for Camp to provide immediate care for consumers.
Interior/Exterior Improvements-Regional Center	Danbury	75 consumers	100,000	Building constructed in 1969. Has not undergone upgrade since original construction. Degraded interior and exterior areas require major repairs.
Emergency-minor capital projects	TBD	TBD	238,538	The Department of Developmental Services has 325 buildings with over 1,665,000 square feet of space. The facilities range from client occupied

Project Title	Town(s)	Building Use & Consumers Census	Amount \$	Justification
				ICF/IIDs and group homes to administrative areas to support facilities. The age of the buildings range from 1760 to 2002. The systems range from residential utility systems to major power plants, and campus utility distribution systems. Code requirements touch almost all chapters of the life safety code as well as extensive ADA, OSHA, environmental, health, and building code requirements.
TOTAL			2,000,000	

Item #23 Department of Developmental Services: Lower Fairfield Center (Norwalk): Roof replacement (\$1,246,752 in new General Obligation bonds)

The table below describes the project at the Lower Fairfield Regional Center:

Town/ Facility	Project	Consumer Census	Amount \$	Justification
Norwalk/ Lower Fairfield Regional Center	Roof removal and replacement	75	1,246,752	Roof is leaking and beyond life expectancy. This project calls for the removal of the existing foam type roof and replaced by a mechanically fastened Ethylene Propylene Diene Monomer (EPDM) roof.
TOTAL			1,246,752	

Item #24 Department of Housing: Flexible Housing Program (\$21,103,028 in new General Obligation bonds)

The funds will be used for the following Flexible Housing Program projects:

- A. Mutual Housing Association of Southwestern Connecticut, Inc. (\$1,187,000 loan)
- This funding will support a loan to the Mutual Housing Association of Southwestern Connecticut, Inc. to assist with construction of Fairfield Commons II in Stamford. This project will create six units of affordable, supportive rental housing. The loan will be provided at 0% for 30 years with payments deferred.

Background: Fairfield Commons II is a six unit development that is the second phase of developing 12 units of supportive housing. The entire development is new construction and the first phase was completed last fall.

- B. Lawnhill Terrace I Limited Partnership (\$3,250,000 loan) – This funding will support a loan for Phase 1 of a project to rehabilitate 60 units at Lawnhill Terrace in Stamford. The loan will be provided at 1% for 30 years with payments deferred.

Background: Lawnhill Terrace is an existing 206-unit housing facility built in 1959 under the state's moderate rental program. The first 60 units rehabbed in Phase I are two- and three-bedroom units targeted to households making up to 60 percent of area median income. Complex-wide improvements will include exterior upgrades, heating system replacement, ADA accessibility, interior unit upgrades, and site work upgrades. The project is also receiving Low Income Housing Tax Credits in the amount of \$14.8 million.

- C. Chrysalis Center Real Estate Corporation (\$3,476,000 loan) – This funding will support a loan to Chrysalis Center Real Estate Corporation to assist with construction of 12 new units of supportive housing in the Legion Court Veterans Housing project located in Hartford. The units will be for persons at or below 50% of area median income. The loan will be provided at 0% for 30 years with payments deferred.

Background: Legion Court will contain 12 newly constructed two-bedroom supportive housing units for homeless veteran families targeted to veterans suffering from mental illness, substance abuse and Post Traumatic Stress Disorder. The project will be developed on what is now a currently vacant site. The development will target families between 25% and 50% of area median income.

- D. Avery Park Limited Partnership (\$6,500,000 loan) – This funding will support a loan to Avery Park Limited Partnership to assist with construction of a new 79 unit elderly housing complex in Stafford Springs. The project will contain 71 affordable units, including 16 with supportive services. The loan will be provided at 1% for 30 years.

Background: The new Avery Park complex will provide new housing for 79 residents over the age of 62, disabled residents over the age of 18, with 16 units reserved for veterans. The complex will replace the existing Avery Park Apartments, an aging, 110-unit senior housing complex. Construction is anticipated to take 12 to 18 months.

- E. Hands on Hartford, Inc. (\$950,000 grant-in-aid) – This funding will support a grant-in-aid to Hands on Hartford, Inc., or a related entity, to assist with construction of the Hands on Hartford Community Center on Bartholomew Avenue. The grant-in-aid will finance construction of 13 units of affordable supportive housing for the homeless.

Background: In addition to the 13 units of supportive housing, the Hartford Community Center will have most of Hands On Hartford's existing programs and services, the MANNA food pantry, weekend Backpack Nutrition Program, housing stabilization services, and a new Volunteer Action Center, along with

their administrative offices. The project will repurpose two historic buildings in Hartford's Parkville neighborhood.

The first phase of the project began last spring. Construction on a second building on site to contain an additional 30 units of supportive/affordable housing will commence later in the year.

- F. Willington Housing Authority (\$1,135,000 grant-in-aid) – This funding will support a grant-in-aid to the Willington Housing Authority to assist with construction of 24 elderly rental units.

Background: The Button Hill project in Willington will consist of 24 elderly rental units, including 20 affordable units. The affordable units will be leased to those earning up to 80% of AMI. The project will implement green development strategies in the design and construction. Additionally, the project will be certified under the Energy Star Program to qualify for rebates and incentives. This project will also receive financing of approximately \$1,850,000 under the Federal Home Loan Bank of Boston's Affordable Housing Program.

- G. Bethsaida Community, Inc. (\$385,754 grant-in-aid) – This funding will support a grant-in-aid to Bethsaida Community, Inc., or a related entity, to assist with renovations to 7 units of supportive housing in the Katie Blair and Flora O'Neill Apartments in Norwich.

Background: The Katie Blair House is a transitional housing program with support services for women who can stay up to two years. Opened in 1990, this program helps women who are at the beginning stages of putting their lives back on track. A total of 53 women participated in the program from January 2011 to December 2013.

The Flora O'Neill Apartments host a supportive housing program that offers one-bedroom units to single women and two-bedroom units to women with children. The Apartments opened in January 2006.

- H. Dakota Partners, GP (\$4,219,274 loan) – This funding will support a loan to Dakota Partners, GP to assist with the construction and rehabilitation of East Street Apartments in New Milford. The project contains 30 affordable rental units. The loan will be provided at 1% for 30 years.

Background: The development will be a combination of new construction and gut renovation of an existing historic home on the property, creating 38 apartments in total. The developer plans to use modular construction and all work will be consistent with National Park Service historic guidelines. Sustainable design features include measures to reduce impact on the town's storm drains and make use of new natural gas infrastructure. The development will have 30 units for

people with incomes less than 60% of the area median income and eight market-rate units. After 15 years, the development will be converted to condominiums and tenants will have rights of first refusal to purchase their units. Relocation assistance will be provided for tenants who choose not to purchase.

Item #25 Department of Economic and Community Development: Small Business Express Program (\$10,000,000 in new General Obligation bonds)

The funds will be used to recapitalize the Small Business Express Program, which was created by Public Act 11-1 of the October Special Session. The State Bond Commission allocated \$200 million in total to the program since 2011.

Questions:

1. On average, how much assistance does DECD approve per month through the Express Program?
2. Does the agency anticipate the demand for assistance to grow (or decrease) over the next two years?

Background: The Small Business Express Program provides loans and grants to Connecticut's small business to spur job creation and growth. Assistance focuses on: (1) access to capital and (2) incentive loan and grant funds.

Small businesses are eligible if they meet the following criteria:

1. Have operations in Connecticut,
2. Are registered to conduct business for not less than twelve months,
3. Are in good standing with all state agencies and payment of all state taxes and
4. Employ not more than 100 employees.

Priority for available funding will be given to those eligible applicants who are (1) creating new jobs and (2) within Connecticut's economic base industries, as defined in CGS 32-222, including but not limited to: precision manufacturing, business services, green and sustainable technology, bioscience, and information technology sectors.

The following table and chart provide an update on the Small Business Express program, as reported by DECD on 12/31/2014.

Small Business Express Data (as reported by DECD on 12/31/2014)

Activity	Impact
Applications received to date	2,794
Businesses receiving assistance	1232
Applications in process	358
Minority/women owned businesses	243
Denied/Withdrawn	1204
Private Investment (approximate)	\$80,000,00
Payments to Date	

Activity	Impact
Grants	\$66,715,928
Loans	\$109,574,796
In Final Review	
Number of businesses in final review	109
Amount to be funded	\$21,086,076
TOTAL	\$197,376,800
Jobs to be created	4,572
Jobs to be retained	12,922
TOTAL Jobs Impact	17,494

Item #26 Department of Transportation: Dredging and navigational direction projects (\$3,087,673 in new General Obligation bonds)

Black Hall and Four Mile Rivers (\$1,614,074) - The funds will be used to provide a grant-in-aid to the town of Old Lyme to dredge 13,176 cubic yards of sediment from the Black Hall River and 7,787 cubic yards of sediment from the Four Mile River in Old Lyme. This project is estimated to start in October 2015.

Bridgeport Port Authority (\$1,473,599) - The funds will be used to provide a grant to the Bridgeport Port Authority for a match to federal funding for the design and construction of infrastructure improvements to the existing Water Street Dock and Terminal Facility. The Bridgeport Port Authority has been awarded two federal grants totaling \$6,151,412 for this project that is expected to complete the design phase by April 2016 and begin construction in October 2016.

Item #27 Department of Education: Grants-in-aid for infrastructure improvements at 18 Commissioner's Network Schools (\$3,409,837 new General Obligation bonds)

The funds will be used for improvements at 18 Commissioner's Network Schools listed in the table below:

Capital Projects for Low-Performing Schools

School	Project Description	Amount \$
Curiale School, Bridgeport	Chromebook carts (5@30 laptops); playground equipment and installation.	178,750
Dunbar School, Bridgeport	Auditorium drop-down screen; auditorium state curtain replacement; science lab upgrades and equipment; wireless access point; Chromebook carts (8@30 laptops); Chromebook headphones (100); laptops for media and office conference rooms; portable sound system.	136,300
Marin School, Bridgeport	Renovate student restrooms, paint front, gym and admin. offices; wireless access points (5); replace auditorium state curtain; construct room divisions; Chromebook carts (6@30 per cart); smart boards (7); laptops for instructional coaches (3); lab & library desktop computers (28).	189,350
O'Brien School STEM Academy,	Classroom/office doors (46); renovate office, nurse station, bathrooms; furniture for café and event tables/chairs; classroom furniture (tables,	200,000

School	Project Description	Amount \$
East Hartford	desks, chairs); white boards (28).	
Clark School, Hartford	Laptop carts (5@25 per cart), headsets.	75,000
Barry School, Meriden	Smart boards/whiteboards for resource room; wireless access points (30); window shades; entry door security enhancements; communication system.	101,502
Diloreto School, New Britain	Equipment; HVAC unit upgrade; classroom security window shades; security cameras; remove/install carpet in SPED suite; sand/restripe, seal gym floor	200,000
Pulaski School, New Britain	Gym floor repair & gym curtain; media center floor replacement; broadcast room; Chromebook (30), cart, accessories; wall opening, A/C, padding and equipment; gym scoreboard; large-screen TV's (2) cordless mike system; security cameras (10); document cameras; desks w/chairs (290), chairs, tables (37); stage risers, floor machine.	197,199
Slade School, New Britain	Suspended ceilings and lights (20 rooms); repaint school-wide; HVAC pneumatics, exhaust fans, music room renovation; student tablets, touch tables, furniture.	200,000
Cross School, New Haven	Wall demo and build (5 rooms); corridor-mounted bulletin boards (8); demo/construction; laptop carts (7@32 laptops); iMacs (12) for digital photography & design program; smart boards; cabling and adaptors; calculator-based tech. for math/physics labs; microscopes (27); iPads (80) and carts.	446,550
Lincoln-Bassett School, New Haven	Laptops (32), cart; Eno interactive technology boards (12) resource center conversion; gym/locker rm. repairs; HVAC project repairs; classroom window and screen repair/replace; bathroom repairs; playground/landscaping/fencing/lot striping; indoor wall painting; TV removal; classroom clock system; display cases (2); presentation and sound system equipment.	200,000
West Rock Academy, New Haven	Classroom, reading lab, conf. room, renovation; new playground; HVAC repairs and improvements; technology (iPads, Chromebook, carts).	145,000
Briggs School, Norwalk	Redesign, multi-purpose room; technology lab upgrades/hardware; multi-purpose room furniture.	200,000
Stanton School, Norwich	Student bathroom upgrades; door swipes and wiring; digital clock system (40); laptops (15), iPads; smart boards (6), data project server, whiteboards; security cameras (8) and equipment.	180,186
Uncas School, Norwich	Installation – 18 spaces.	200,000
Walsh School, Waterbury	Laptops (40), carts (2), printers (26); smart board upgrades (7); tables, desks, chairs, storage cabinets; library bookshelves; intercom, air purifiers, panic alarm.	160,000
Crosby School, Waterbury	Wall reconfiguration, electric, HVAC; chairs (20), training tables (100).	200,000
Windham Middle School, Windham	Bleacher repairs, motors, controls; lighting repairs; projector and sound system; ceiling repairs in 24 bathrooms; smart boards (26) install and materials.	200,000
TOTAL		3,409,837

Background: The Commissioner's Network is a partnership between local government and the State Department of Education (SDE) to turn around up to 25 of the state's

lowest-performing schools by offering additional resources. Schools are selected by the Commissioner of Education to participate pursuant to CGS Sec. 10-223h.

Seventeen schools are currently implementing turnaround plans through participation in the Commissioner's Network. Four schools will begin their fourth year of implementation in August 2015: Curiale School in Bridgeport, Stanton School in Norwich, High School in the Community in New Haven, and Milner School in Hartford. Seven schools will begin the third year of the turnaround process this fall: Walsh School in Waterbury, Crosby High School in Waterbury, Dunbar School in Bridgeport, DiLoreto School in New Britain, Windham Middle School in Windham, Briggs High School in Norwalk, and Wilbur Cross High School in New Haven. Five schools will launch their second full year of implementation: Lincoln-Bassett School in New Haven, Clark School in Hartford, O'Brien STEM Academy in East Hartford, Marin School in Bridgeport, and Uncas School in Norwich. East Hartford Middle School in East Hartford will begin its first full year of implementation in 2015-16.

After the Commissioner of Education selected the schools to join the Commissioner's Network, the schools developed Turnaround Plans, which the State Board of Education approved. The schools were then invited by the SDE to identify needs aligned to allowable bond investments. Schools submitted bond requests to the SDE, and SDE reviewed requests for reasonableness and alignment to the school's turnaround plan and reform strategies. Schools were asked to refine their requests, incorporating feedback from SDE. In total, the majority of the Network schools have requested bond funding, leading the SDE to submit bond requests on behalf of these schools.

The capital improvements and technology investments proposed for the Network schools vary and align to each school's needs and turnaround strategies. The Commissioner's Network bond budget request provides a detailed summary of the investments requested for each school.

Item #28 Department of Transportation: Capital road resurfacing (\$11,900,000 in new Special Tax Obligation bonds)

These funds will be used for DOT's Vendor-In-Place (VIP) Program. The table below shows the amount of state and federal funding that will be used for each project.

Capital Resurfacing Program FY 16 Projects (in millions)

Description	State \$	Federal \$	Total \$
Vendor-In-Place Resurfacing	57.0	-	57.0
Pavement Preservation Projects	12.0	9.6	21.6
Americans with Disabilities Act (ADA)	6.0	-	6.0
TOTAL	75.0	9.6	84.6

Background: The Vendor-In-Place (VIP) Program refers to a contract where the vendor supplies all materials, labor and equipment to perform a complete work function in

place. The most common example is DOT's VIP paving contract, where the vendor supplies the asphalt, paving equipment, trucking and labor and the State pays for the services by the ton. These projects are usually not eligible for a federal match.

Pavement Preservation Projects: DOT also does resurfacing projects on other highway segments that require safety improvement in addition to resurfacing. As indicated in the table above, the state receives federal matching funds for these projects.

ADA Compliance: Title II of the ADA requires that state and local governments ensure that persons with disabilities have access to the pedestrian routes in the public right of way. An important part of this requirement is the obligation, whenever streets, roadways, or highways are altered, to provide curb ramps at pedestrian crossings. DOT had generally considered only new construction or reconstruction projects to be alteration-type projects; however, recent guidance issued by the Federal Highway Administration now includes most paving activities. An assessment of the FY 13-FY 14 VIP Program has determined the number of ramps affected at that time was 800-1100 per year with an approximate cost of \$6 million. These funds will allow for upgrades for ADA compliancy.

Item #29 Capital Region Development Authority: Loan to San Juan Center, Inc. for renovations to eight housing units and storefronts in Hartford (\$125,000 in previously allocated General Obligation bonds)

This funding will support a loan to the San Juan Center, Inc. to assist with renovations to eight units of housing and a storefront at 1279-83 Main Street in Hartford. The loan will be provided at 3% interest for 25 years. Six units will be at market rate and two units will be affordable.

Item #30 Community Colleges: Northwestern Community College (Winsted): Construction of a new Joyner Hall building (\$24,650,786 in new General Obligation bonds)

The funds will be used to replace the existing Joyner Hall with a new two-story 24,000 sq. ft. facility. The new building will be energy efficient and fully handicapped accessible. It will also utilize space more efficiently than the existing facility. The completed building will continue to house the Allied Health Administration and Veterinary Technology programs. (The Veterinary Technology Program is currently the only associate degree of this type offered by a state institution.) The project also includes demolishing the old structure after the new facility is completed and redeveloping the site.

Background: The 24,400 sq. ft. facility is comprised of one above-ground story and a fully-utilized basement (12,200 sq. ft. on each floor.) It was built as a supermarket in 1958 and became Northwestern's library and resource center in 1983. After 2003 it housed the Veterinary Technology and Allied Health Administration programs.

The building has exceeded its useful life. It has numerous code issues, including: (1) improper ceiling-height clearance on the basement level, (2) limited barrier-free floor-to-floor accessibility and (3) toilet room limitations. In addition, it has significant issues with moisture mitigation through the foundation and has not had major infrastructure improvements since 1991. The building's configuration is also no longer adequate to meet current and projected academic program requirements.

Item #31 Department of Mental Health and Addiction Services: Grants-in-aid to two nonprofit community-based providers (\$289,300 in new General Obligation bonds)

The funds will be used for grants-in-aid to: (1) Community Mental Health Affiliates, Inc. (CMHA) (\$252,000) and (2) Hands on Hartford, Inc. (\$37,300.)

1. CMHA is a local mental health authority located in New Britain. The \$252,000 will be used to help purchase 40 South Street, an over 18,000 sq. ft. building to be used as the hub for the DMHAS-funded Behavioral Health Home (BHH) Initiative. Based on a January 2015 appraisal, the building is valued at \$840,000 the balance of which will be supported via a commercial mortgage loan.

CMHA began providing BHH services in March 2015 at its 55 Winthrop Street location, which cannot accommodate the estimated 300 or more individuals to be served in the area (including Berlin, Bristol, Burlington, New Britain, Plainville, Plymouth and Southington), or their transition to a primarily group modality service delivery model.

Under the BHH initiative, CMHA will provide services to Medicaid clients with serious and persistent mental illness with, or at risk of specific chronic conditions (such as asthma, diabetes, heart disease, COPD, obesity, and substance abuse). Specific services include nurse care management, care coordination, health/wellness promotion, comprehensive transitional care, individual and family support, and referrals to community support services.

2. Hands on Hartford, Inc. is a social services organization providing support to Hartford residents primarily via food, supportive housing, and community engagement. The \$37,300 will be used to install an emergency generator at their new 55 Bartholomew location. The building is currently being renovated with funding from the Department of Housing's Small, Innovative Development Projects award. The site will serve as a full service kitchen, dining area, restaurant, food pantry, and will include space for offices and case management services. In addition 13 one-bedroom and efficiency units are being constructed for supportive housing purposes, which will also include units for DMHAS clients.

Item #32 Department of Administrative Services: Improvement projects at state-owned buildings (\$854,000 in new General Obligation bonds)

The funds will be used for a fire alarm project at 505 Hudson Street in Hartford and an elevator project at 24 Wolcott Hill Road in Wethersfield.

505 Hudson Street, Hartford: The funds will be used to design a replacement fire alarm. The existing fire alarm system is approximately 22 years old and has become obsolete due to the lack of spare parts (various aspects and the overall functionality of the system have become compromised because spare parts are unavailable.)

The project will consist of the complete replacement of the existing Simplex/Grinell Fire Alarm system, including any updates necessary to meet present code and engineering standard practices. The project also includes the fire alarm system interface to all other building's systems, including: (1) HVAC systems for smoke control, (2) fire sprinkler system for flow, tamper and fire pump monitoring, (3) elevator control system to initiate elevator recall, (4) fire-smoke doors, and (5) the security system for door release initiation. Fletcher Thompson Architects will be designing the new fire alarm system and will start engineering services upon receipt of written authorization to proceed.

The 505 Hudson Street building houses the Department of Children and Families' Central Office Training Academy, the Department of Economic and Community Development's central offices, Victims Advocate, Department of Housing, Psychiatric Review Board and Judicial Review Council.

24 Wolcott Hill Road, Wethersfield: The funds will also be used to install and upgrade an elevator. The building currently has one elevator, but there are two elevator shafts (the second elevator was never installed.) The existing elevator is being upgraded and the second elevator will be installed with these funds. This building houses the Department of Correction's central offices.

Question: Why was the second elevator never installed?

Item #33 Department of Emergency Services and Public Protection: Repair and renovation of fire escapes at the Connecticut Fire Academy in Windsor Locks (\$357,845 in new General Obligation bonds)

The funds will be used to repair three existing fire escape exit doorways and stairs at the CT Fire Academy in Windsor Locks. Project design funding was allocated at the March 2013 State Bond Commission meeting. The construction contract was competitively bid and bids were received in November 2014. The current allocation of \$357,845 will allow the construction contract to be awarded. The allocation also includes a 10% construction contingency allowance and DAS fees.

Item #34 Department of Mental Health and Addiction Services: Funding for emergency repair and "as needed" projects (\$500,000 in new General Obligation bonds)

The funds will be used for emergency and unanticipated projects and improvements at DMHAS facilities. This funding allows the agency to immediately initiate corrective action when code, safety, health, or emergency conditions develop and to make interior and exterior improvements to maintain the comfort, safety and integrity of departmental facilities.

Item #35 Department of Education: Oliver Wolcott Technical High School (Torrington): Roof replacement (\$712,892 in new General Obligation bonds)

The funds will be used to replace multiple leaking roof areas with a new roofing system. This roof area was completed in 1995. The leaks are due to damage from snow removal during heavy winter storms, which created numerous punctures in the roof.

Background: The Connecticut Technical High School System (CTHSS) consists of seventeen comprehensive high schools, the Bristol Technical Education Center (11th and 12th graders and post graduates), and two adult education facilities (Stratford School for Aviation Maintenance and CT Aero Tech). Several of the comprehensive high schools also have full-time day adult programs (i.e. LPN, Dental, and Surgical Tech.). As of October 1, 2014 enrollment was 10,884 secondary high school students and 488 full-time adult students for a total enrollment of 11,372. Of this total, 664 were enrolled at Oliver Wolcott.

The CTHSS receives bond funding for general alterations and improvements on a periodic basis upon request. These funds are generally used to make repairs in the twenty (20) facilities operated by the CTHSS whereby the repair costs cannot be funded through the district's operating budget. Examples include repairs to boilers, roofs, electrical, plumbing, and HVAC work.

Item #36 Department of Education: Bullard Havens Technical High School (Bridgeport): Roof replacement (\$777,679 in new General Obligation bonds)

The funds will be used to install a new roof system and replace copper roofing over three stairways and two lower mechanical equipment roofs. The portion of the roof being replaced dates back to about 1992 and has deteriorated beyond repair due to age.

Background: The Connecticut Technical High School System (CTHSS) consists of seventeen comprehensive high schools, the Bristol Technical Education Center (11th and 12th graders and post graduates), and two adult education facilities (Stratford School for Aviation Maintenance and CT Aero Tech). Several of the comprehensive high schools also have full-time day adult programs (i.e. LPN, Dental, and Surgical Tech.). As of October 1, 2014 enrollment was 10,884 secondary high school students and 488

full-time adult students for a total enrollment of 11,372. Of this total, 803 secondary students and 63 full time adult students were enrolled at Bullard Havens.

The CTHSS receives bond funding for general alterations and improvements on a periodic basis upon request. These funds are generally used to make repairs in the twenty (20) facilities operated by the CTHSS whereby the repair costs cannot be funded through the district's operating budget. Examples include repairs to boilers, roofs, electrical, plumbing, and HVAC work.

Item #37 Office of Policy and Management: Nonprofit Collaboration Incentive Program (\$1,273,079 in new General Obligation bonds)

The table below shows the amount of funding each nonprofit will receive, the purpose of the funds and the additional organizations collaborating on each project.

Nonprofit	Amount \$	Purpose	Collaborating Organizations
Connecticut Council of Family Services	44,614	Mobile computing and data sharing	Lifebridge Community Services, Catholic Charities (Hartford, Norwich, and Fairfield County branches). Family & Children's Agency, Family Centers, Jewish Family Services (New Haven, Stamford, and Greater Hartford branches), Newtown Youth and Family Services, Oak Hill, The Village, United Services
Clifford Beers Clinic	75,124	Medical telecommunication equipment	Fair Haven Community Health Clinic
Family Centers, Inc.	90,200	Expansion of electronic health records system	Family Services, Inc Woodfield, and Family and Children's Agency
New London Homeless Hospitality Center	86,300	Renovation of building for co-location of staff	Covenant Shelter of New London and Columbus House, Inc.
Family and Children's Aid	250,779	Convert office space for co-location of staff	The Hispanic Center, Inc.
Hospice for Special Care	82,925	Creation of Multi-sensory Stimulation Environment Room	Oak Hill, Inc.
Village for Families and Children	308,005	Building renovation and co-location	KIDSAFE, Inc.
Cornell Scott-Hill Health Corporation	335,132	Creation of behavioral telemedicine network	Lower Naugatuck Valley Parent Children Resource Center
TOTAL	1,273,079		

Background: PA 09-2 of the September Special Session establishes a nonprofit collaboration incentive grant program to cover infrastructure costs arising when two or more nonprofit organizations consolidate programs and services. Bond funds may be used to; (1) purchase or improve facilities or equipment; (2) refinance facility loans; (3) fund energy, transportation or technology projects; (4) fund associated administrative costs or (5) other authorized activities.

Item #38 Community Colleges: Naugatuck Valley Community College (Waterbury) - Campus site improvements (\$6,563,444 in new General Obligation bonds)

The funds will be used for the following improvements: (1) widening and realignment of the East Campus access drive entry onto West Main Street, (2) renovation of the E-Lot and F-Lot on the East Campus, (3) new sidewalks on campus to promote pedestrian access and safety, (4) replacement of site lighting with high efficiency LED fixtures campus wide and (5) installation of emergency phones and security cameras. The project also includes various repairs to campus drives and spot repairs in other parking lots, along with improvements to curbs and drainage, and landscaping.

Item #39 State Library: Grants-in-aid to four public libraries (\$2,852,507 in new General Obligation bonds)

The funds will be used at four public libraries that are not located in distressed municipalities for the purposes indicated below.

Library Grants-in-Aid

Municipality	Project Description	Total Cost \$	Grant \$
Burlington	Building an addition and renovating the existing building by increasing additional square footage from 9,000 to 12,500 sq. ft. This will provide more space for a community room, teen and adult services, study rooms and office space. The library serves a population of 9,434.	2,944,039	1,000,000
Columbia (Saxton B. Little)	Building an addition and renovating the existing building by increasing additional square footage from 4,800 to 10,500 sq. ft. This will improve ADA compliance, provide a more flexible configuration for library services and create a variety of meeting places and improve energy efficiency. The library serves a population of 5,461.	1,178,300	596,150
Lebanon (John Trumbull)	Building an addition and renovating the existing building by increasing additional square footage from 7,800 to 14,438 sq. ft. This will include new meeting rooms and children's programming space. The library serves a population of 7,326.	6,233,083	1,000,000
Weston	Addressing asbestos and PCB issues in flooring and windows, electrical improvements and remodeling to improve accessibility.	512,715	256,357
TOTAL		10,868,137	2,852,507

Item #40 State Library: Grant-in-aid to the Groton Public Library (\$413,875 in new General Obligation bonds)

These funds will be used to assist in code and other maintenance related improvements. This includes: (1) expanding and creating a new display area in the room for historic materials; (2) creating a new glass enclosed computer lab; (3) installing a new fire-proof book drop and (4) various maintenance projects including replacing two (of four) roof top heat pump units, repairing cracks in concrete floor, repaving the parking lots, and replacing old ceiling tiles. The total cost of the projects is estimated to be \$827,750 with the state grant representing 50%.

Item #41 Department of Housing: Housing Trust Fund (\$8,824,718 in new General Obligation bonds)

The funds will support the following projects under the Housing Trust Fund program.

- A. Essex Place Centerbrook, LLC for Construction in Essex (\$3,824,718) - This funding will support a loan to Essex Place Centerbrook, LLC another eligible applicant, to assist with construction of 22 elderly rental units in Essex. The loan will be provided at 1% for 30 years.

Background: Essex Place will consist of 18 one-bedroom and 4 two-bedroom rental units. The units will serve residents or below 80 percent of the area median income. The development will be located adjacent to the existing 36-unit Essex Court elderly housing development. This site is also walkable via town sidewalks to local services, grocery stores, restaurants and other community resources. The project is in close proximity to public transportation offered by the Estuary Transit District that has regularly scheduled service on the Riverside Shuttle from Chester to Old Saybrook.

- B. Billings Forge Preservation Associates, L.P. for Rehabilitation in Hartford (\$5,000,000) - This funding will support a loan to Billings Forge Preservation Associates Limited Partnership, or another eligible applicant, to assist with rehabilitation of 112 affordable rental units in Hartford. The loan will be provided at 1.5% for 40 years with payments deferred.

Background: The primary structure at Billings Forge was constructed in 1864 as a manufacturing tool plant and converted to residential use in 1980. The property also acts as a host to an array of activities, including a farmer's market, a community garden, and the Firebox Restaurant, which serves the surrounding neighborhood and local office workers as well as the development's tenants.

Item #42 Department of Economic and Community Development: Manufacturing Assistance Act (\$20,750,000 in new General Obligation bonds)

This funding will support the business initiatives enumerated below. A portion of the funding will be used to provide financial assistance designated under the First Five Program (also referred to as "Next Five").¹ See Appendix E for background information on the First Five Program.

- A. CareCentrix (\$2,400,000) - (First Five Program) This funding will support a grant-in-aid to assist in relocation and expansion from East Hartford to Hartford. The company relocated its headquarters from East Hartford to Hartford in January 2013.

DECD will provide a total of \$24.0 million in grant funding in installments over five years if the company meets annual job retention and creation goals until it reaches 503 total jobs. The grant distribution is as follows:

1. \$12.0 million in grants over five years if all 213 existing employees are retained for the five years;
2. \$12.0 million grant will be paid over a five-year schedule if 290 jobs are created in the five-year span.

Were the company to create more than the targeted number of full-time jobs per year, payments may be accelerated upon the company's request based on an agreed upon payment schedule. The total cost of the project is estimated to be \$86 million.

The State Bond Commission previously allocated \$2.3 million in October 2012, \$4.6 million in September 2013, and \$4.7 million in February 2014 for CareCentrix. Including this requested allocation, a total of \$14 million of the \$24 million in grants will be allocated to the company.

Background: CareCentrix provides health care plans and providers with a one-stop solution that coordinates all of a patient's home health care needs including skilled nursing services, home infusion therapies and durable medical equipment.

Question: Since the first bond allocation in October 2012, how many jobs were created and/or retained?

- B. CohnReznick, LLP (\$600,000) - This funding will support a grant-in-aid to assist with fit out and equipment for expansion and relocation in Hartford. The company intends to retain 196 jobs and create 40 new jobs within five years.

Background: CohnReznick, LLP provides accounting, tax, and advisory services to clients in various markets and industries. The company was founded in 1919 and is

¹ PA 13-234, the general government implementer, extended the First Five program's sunset date by two years, from June 30, 2013 to June 30, 2015. As of today eleven companies are participating in the program. The law allows up to fifteen companies to participate in the program.

headquartered in New York City, with offices located across the U.S., including offices in Hartford, Stamford, and New London.

- C. Telling Industries, LLC (\$1,500,000) – This funding will support a loan to assist with acquisition of property and building improvements to establish a new operation in Windsor. The company intends to create 40 jobs by June 30, 2016. The loan will be provided at an interest rate of 2% for ten years. The company will be eligible for loan forgiveness of \$750,000 if it creates the 40 jobs and retains them for two years.

Background: Telling Industries is a full line manufacturer of premium metal framing and accessories based in Ohio. The company expects to occupy 85,000 square feet of space at 184 East Aurora St. in Waterbury. Telling Industries will have plant management and sales personnel along with an hourly workforce in one shift. They plan to grow to two shifts within one year and have a total workforce of 40 full time employees.

- D. Southern New England Telephone Company (\$3,000,000) – This funding will support a loan to assist information technology equipment and training expenses associated with relocating functions from other states to Connecticut. The company intends to retain 2,740 jobs and create 215 new jobs within three years. The loan will be provided at an interest rate of 2% for ten years. The company will be eligible for loan forgiveness if it creates the 225 jobs within three years and retains them for two years.

Background: The Southern New England Telephone Company (SNET) is a local exchange carrier owned by Frontier Communications.

- E. Microboard Processing, Inc. (\$1,250,000) – This funding will support a loan to assist with plant upgrades and machinery and equipment for expansion of its operations in Seymour. The company intends to retain 90 jobs and create 20 new jobs. The loan will be provided at an interest rate of 2% for ten years. The company will be eligible for loan forgiveness of \$625,000 if it creates the 20 new jobs and retains them for two years.

Background: Microboard Processing, Inc., founded in 1983, specializes in manufacturing high tech circuit boards, chips, resistors, and other electronic components for the medical, aerospace, defense, telecom, industrial and commercial sectors. The company has been based in Seymour since the late 1990s.

- F. Connecticut Center for Advanced Technology, Inc. (\$2,000,000) – This funding will provide a grant-in-aid to administer the Hybrid Manufacturing Program. The program will focus on training in manufacturing initiatives, encompassing both traditional and advanced additive techniques, mainly for the aerospace and defense industries.

Background: Connecticut Center for Advanced Technology, Inc. (CCAT), is a nonprofit economic development organization headquartered in East Hartford, Conn. CCAT provides support and programs to assist the development of technology manufacturers in the state.

Question: How does this program differ from other programs offered by CCAT?

- G. Synchrony Bank (\$10,000,000) – (First Five Program) This funding will provide a grant-in-aid to assist with the bank establishing itself as a stand-alone bank. The company intends to retain 310 jobs and create up to 400 new jobs. Total grants-in-aid of \$20 million will be paid in installments over six years if the company meets annual job retention and creation goals until it reaches 710 total jobs. This request will fund the first set of milestone payments under the agreement.

Background: Synchrony Bank, headquartered in Stamford, is the largest provider of private label credit cards in the United States, based on purchase volume and receivables. Synchrony Bank provides credit services to individual consumers, businesses and healthcare providers.

Item #43 Office of Policy and Management: Capital Equipment Purchase Program (\$10,000,000 in new General Obligation bonds)

The Office of Policy and Management anticipates receiving capital equipment requests from agencies over the next four months and will use this allocation to provide funding for these requests. A list of the specific equipment to be purchased by the agencies will be provided to OPM at the time the funds are allotted.

Background: The Capital Equipment Purchase Program (CEPF) is authorized by CGS Sec. 4a-9 and has been used for the purchase of equipment with a useful life of at least 5 years. It is financed through the sale of General Obligation bonds and administered by the Office of Policy and Management.

Item #44 Office of Policy and Management: Local Capital Improvement (LoCIP) Program (\$10,000,000 in new General Obligation bonds)

LoCIP is an entitlement program for municipalities that provides General Obligation bond funds for eligible projects, as defined in statute. New funds are annually deposited into municipal accounts administered by the Office of Policy and Management (OPM) on March 1st. Towns may choose to: (1) expend the funds on smaller projects or (2) accumulate the funds over a period of time for one large project.

Towns begin the process of accessing their LoCIP funds by submitting a proposal to OPM describing the proposed project and certifying that it is part of the town's capital improvement plan. If OPM grants approval, the town may proceed to carry out the project. Because LoCIP is a reimbursement program, towns must first incur the expense

for a project before reimbursement can be requested. Reimbursement may be made in one lump sum for a smaller project or in a series of payments as successive stages of a larger project are completed.

Item #45 Department of Administrative Services: School Construction grants-in-aid to towns - progress payments (\$300,000,000 in new General Obligation bonds)

These funds will finance FY 16 grants-in-aid for the state's share of the cost of progress payments (Item #45) and interest payments (Item #46) for local school building construction projects. The program has in excess of 600 school construction projects in various stages of completion, including expansion, renovations and improvements, safety and health related projects, vocational agricultural centers and cooperative regional special educational facilities.

School districts may submit requests for school construction grant payments for any one or all of those projects. The dollar amount of the SBC request is based upon the aggregate of all open school construction projects, specific cash flows from some projects, and historical experience with the ebb and flow of grant payment requests.

Item #46 Department of Administrative Services: School Construction grants-in-aid to towns - interest subsidy (\$3,000,000 in new General Obligation bonds)

See Item #45.

Item #47 Office of Policy and Management: Urban Action Program (\$11,600,000 in new General Obligation bonds)

I. Department of Environmental Protection

- A. West Hartford: Grant-in-aid to the Mandell Jewish Community Center for a playground (\$500,000) - The funds will provide a grant-in-aid to construct the Jonathan's Dream playground for children with disabilities.

Background: This project will create a "boundless playground" that provides an integrated area for children of all ability levels to play together. The total cost of \$1.2 million is financed with private funds (\$700,000) and state funds (\$500,000).

- B. Stamford: Grant-in-aid to construct Whittingham Discovery Center in Mill River Park (\$3,000,000) - The funds will provide a grant-in-aid to partially fund construction of a 10,000 sq. ft. building to house park operations, recreational and educational programs, public services, and ice-making equipment for the skating rink at Mill River Park.
- C. New Haven: Reconstruction of the fishing pier at Fort Nathan Hale Park (\$1,800,000) - The funds will provide a grant-in-aid to reconstruct the Fort Nathan Hale Park fishing pier, which was destroyed by Superstorm (Hurricane)

Sandy, in October 2013. Ownership of the pier was transferred from the state to the City of New Haven in SA 15-1 of the June Special Session.



Fort Nathan Hale Pier after Superstorm Sandy.

II. Department of Economic and Community Development

- A. Danbury: Preservation of the historic Richter House in Richter Park (\$1,000,000) – These funds will provide a grant-in-aid to the City of Danbury to assist with preservation of the historic Richter House in Richter Park. This project consists of renovations to create an arts, musical and environmental facility.

Background: Richter House, located in Richter Park in Danbury, offers arts programs during the spring and fall, including lawn arts festivals, lectures, ethnic performances, and both classical and popular musical presentations. Each autumn, area artists exhibit their works in Richter's most prestigious event, the Annual Juried Art Show, to compete for large cash prizes. The programs are free to the public with support from the Danbury Cultural Commission, members' dues, and private donations.

- B. Bristol: Renovations to Engine Company 5 firehouse (\$260,000) – This funding will support a grant-in-aid to the City of Bristol for renovations and improvements to the Engine Company 5 firehouse. The project includes electrical and plumbing improvements and facilities for female firefighters.
- C. Farmington & Avon: Construction of a shared fire training burn building (\$200,000) – These funds will provide a grant-in-aid for construction of a fire training burn building which will be shared by Farmington and Avon. The new facility in Farmington will be designed to "take heat" and burn for live fire training and would also be used for other training like ladder work, search and rescue practice and pumping water.

The towns will share the cost and maintenance of the facility. In addition to the state funds, the towns collected funding for the project through private donations and fundraisers.

- D. Manchester: Renovations to the Manchester Army Navy Club for renovations (217,500) - This project includes roof replacement, window replacement, electrical and plumbing upgrades, accessibility improvements and various interior and exterior improvements.

Background: The Main Street club, a nonprofit organization that was founded in 1919 for returning World War I veterans, hosts activities that include card tournaments, dances, bus trips and dart, shuffleboard and golf leagues.

- E. Guilford: Streetscape improvements (\$446,500) - This project includes street and streetscape improvements on Whitfield and Water Streets in the town center.
- F. Windsor Locks: Roof replacement on the historic former train station (\$120,000) - These funds will provide a grant-in-aid to the Town of Windsor Locks for replacement of the roof on the historic former train station. The State Bond Commission allocated \$225,000 in June 2006 so the town could purchase the property and renovate the train station.

III. Department of Transportation

- A. Naugatuck Valley Council of Governments: Rehabilitation of the Derby/Shelton Bridge (\$2,000,000) - These funds will be used for resurfacing the Derby-Shelton Bridge over the Naugatuck River for improvements to the deck and bicycle and pedestrian lanes.

IV. Department of Education

- A. Manchester: Repairs to the Instructors of the Handicapped pool at the high school (\$229,000) - The projects includes installation of gas service, a new boiler, new water heater, water distribution loop and reheat coils, and repairs and repainting of the pool.

V. Office of Early Childhood

- A. Bristol: Grant-in-aid to Bristol Preschool Child Care Center for renovations to the former Jennings School (\$3,225,000) - The funds will provide a grant-in-aid to Bristol Preschool Child Care Center, Inc. to renovate the former Jennings School on Burlington Avenue. The building was constructed in 1920 and will house the Child Care Center on the ground floor and senior housing units in the old classroom spaces. The preschool is currently located at two sites (West Street and School Street) and serves about 150 three and four year-olds. School Readiness funds support 106 full-day spaces across the two facilities.

Item #48 Approval of the State Treasurer's Certificate of State Indebtedness

This resolution satisfies statutory requirements for approval of documents related to State Bond Commission meetings.

Appendix A

Item #1: Town Aid Road Grants-in-aid

Town	July \$	January \$
Andover	95,237	95,237
Ansonia	160,178	160,178
Ashford	145,251	145,251
Avon	155,559	155,559
Barkhamsted	98,303	98,303
Beacon Falls	93,548	93,548
Berlin	164,103	164,103
Bethany	105,763	105,763
Bethel	157,313	157,313
Bethlehem	107,330	107,330
Bloomfield	168,487	168,487
Bolton	100,359	100,359
Bozrah	90,984	90,984
Branford	199,934	199,934
Bridgeport	685,121	685,121
Bridgewater	89,509	89,509
Bristol	333,100	333,100
Brookfield	150,828	150,828
Brooklyn	120,970	120,970
Burlington	129,340	129,340
Canaan	84,656	84,656
Canterbury	112,902	112,902
Canton	130,591	130,591
Chaplin	95,439	95,439
Cheshire	202,304	202,304
Chester	93,109	93,109
Clinton	135,014	135,014
Colchester	173,921	173,921
Colebrook	100,380	100,380
Columbia	102,996	102,996
Cornwall	111,509	111,509
Coventry	146,784	146,784
Cromwell	138,364	138,364

Town	July \$	January \$
Danbury	421,666	421,666
Darien	166,331	166,331
Deep River	99,502	99,502
Derby	133,474	133,474
Durham	111,632	111,632
Eastford	87,571	87,571
East Granby	100,919	100,919
East Haddam	166,902	166,902
East Hampton	161,599	161,599
East Hartford	294,545	294,545
East Haven	202,210	202,210
East Lyme	160,693	160,693
Easton	113,478	113,478
East Windsor	133,006	133,006
Ellington	169,492	169,492
Enfield	270,452	270,452
Essex	107,828	107,828
Fairfield	353,760	353,760
Farmington	186,197	186,197
Franklin	62,108	62,108
Glastonbury	232,019	232,019
Goshen	137,690	137,690
Granby	129,854	129,854
Greenwich	371,815	371,815
Griswold	96,087	96,087
Groton	248,000	248,000
Guilford	180,708	180,708
Haddam	122,242	122,242
Hamden	335,878	335,878
Hampton	93,967	93,967
Hartford	602,524	602,524
Hartland	71,428	71,428
Harwinton	114,006	114,006
Hebron	121,240	121,240
Kent	140,498	140,498
Killingly	181,655	181,655
Killingworth	126,409	126,409

Town	July \$	January \$
Lebanon	158,814	158,814
Ledyard	148,117	148,117
Lisbon	88,229	88,229
Litchfield	190,762	190,762
Lyme	90,145	90,145
Madison	156,997	156,997
Manchester	324,336	324,336
Mansfield	212,152	212,152
Marlborough	106,166	106,166
Meriden	336,747	336,747
Middlebury	111,696	111,696
Middlefield	98,777	98,777
Middletown	300,874	300,874
Milford	292,726	292,726
Monroe	174,649	174,649
Montville	163,621	163,621
Morris	88,657	88,657
Naugatuck	213,015	213,015
New Britain	386,550	386,550
New Canaan	164,756	164,756
New Fairfield	137,757	137,757
New Hartford	135,110	135,110
New Haven	624,343	624,343
Newington	208,138	208,138
New London	195,243	195,243
New Milford	280,158	280,158
Newtown	234,747	234,747
Norfolk	125,228	125,228
North Branford	140,994	140,994
North Canaan	94,463	94,463
North Haven	180,748	180,748
North Stonington	119,935	119,935
Norwalk	438,715	438,715
Norwich	251,564	251,564
Old Lyme	115,071	115,071
Old Saybrook	123,612	123,612
Orange	137,915	137,915

Town	July \$	January \$
Oxford	136,771	136,771
Plainfield	145,930	145,930
Plainville	153,639	153,639
Plymouth	131,933	131,933
Pomfret	121,307	121,307
Portland	120,383	120,383
Preston	99,891	99,891
Prospect	119,283	119,283
Putnam	119,851	119,851
Redding	133,867	133,867
Ridgefield	188,756	188,756
Rocky Hill	170,958	170,958
Roxbury	168,476	168,476
Salem	96,716	96,716
Salisbury	145,685	145,685
Scotland	77,071	77,071
Seymour	148,740	148,740
Sharon	176,843	176,843
Shelton	245,528	245,528
Sherman	102,101	102,101
Simsbury	180,468	180,468
Somers	135,184	135,184
Southbury	189,919	189,919
Southington	260,946	260,946
South Windsor	190,345	190,345
Sprague	75,685	75,685
Stafford	197,500	197,500
Stamford	594,651	594,651
Sterling	98,165	98,165
Stonington	149,557	149,557
Stratford	296,874	296,874
Suffield	145,553	145,553
Thomaston	112,399	112,399
Thompson	126,763	126,763
Tolland	169,857	169,857
Torrington	236,876	236,876
Trumbull	230,711	230,711

Town	July \$	January \$
Union	62,371	62,371
Vernon	201,950	201,950
Voluntown	86,457	86,457
Wallingford	271,785	271,785
Warren	90,853	90,853
Washington	164,003	164,003
Waterbury	543,163	543,163
Waterford	161,256	161,256
Watertown	177,904	177,904
Westbrook	108,723	108,723
West Hartford	345,063	345,063
West Haven	312,766	312,766
Weston	125,154	125,154
Westport	190,000	190,000
Wethersfield	201,746	201,746
Willington	128,886	128,886
Wilton	155,825	155,825
Winchester	151,334	151,334
Windham	185,534	185,534
Windsor	202,209	202,209
Windsor Locks	131,735	131,735
Wolcott	151,201	151,201
Woodbridge	120,690	120,690
Woodbury	148,379	148,379
Woodstock	189,579	189,579
Fenwick (Bor.)	522	522
Jewett City (Bor.)	39,337	39,337
Stonington (Bor.)	7,863	7,863
Woodmont (Bor.)	8,484	8,484
TOTAL	30,000,000	30,000,000

Appendix B

Item #2: Transportation Infrastructure Improvement Projects

Interstate Program Scheduled FY 16 Projects (in millions)

Town	Description	State \$	Federal \$	Total \$
Branford	Replace Br 00196 o/ US 1	700,000	6,300,000	7,000,000
Guilford	Culvert Rehab, I-95 o/ Spinning Mill Brk	145,000	1,305,000	1,450,000
Newtown	Resurfacing, Bridge and Safety Improvements on I-84	3,300,000	29,700,000	33,000,000
Norwalk	Median Barrier/Resurfacing	4,100,000	36,900,000	41,000,000
Wethersfield/ Hartford	Resurfacing, Bridge & Safety Improvements on I-91 from Mile Point 33.45 to 36.58	4,440,000	39,960,000	44,400,000
Various	Project Design/ Acquisition of ROW/Project Modifications	315,000	2,835,000	3,150,000
TOTAL		13,000,000	117,000,000	130,000,000

Urban Systems Program Scheduled FY 16 Projects (in millions)

Town	Description	State \$	Federal \$	Other \$	Total \$
Bolton	Charter Oak Grnwy Ext. (Manchester Town line to Valley Falls Grnwy in Bolton)	1,700,000	6,800,000	-	8,500,000
Cromwell	Pvmnt Rehab & Minor Widening @ Rt 372	195,900	1,567,200	195,900	1,959,000
Farmington	(R) Construction of a section of the Farmington Canal Heritage Trail	1,020,000	4,080,000	-	5,100,000
Groton	Mnr Widen, Int Imprv & Multi-Use Path	439,400	3,515,200	439,400	4,394,000
Guilford	Construct 5,000' multi-use trail, Madison to CT146, along US1	326,000	484,000	-	810,000
Monroe	Minor Widening & Operational Improvements	465,000	3,720,000	465,000	4,650,000
New Britain	Reconstruction of Hart St	318,300	2,546,400	318,300	3,183,000
Newtown	Int & Roadway Improvements to Route 6, Commerce & Edmond Roads	612,910	2,451,640	-	3,064,550
Newtown	Int. & Rdwy. Impr. to Route 6, Commerce & Edmond Rds.	287,090	1,148,360	-	1,435,450
Norwalk	Int Impr on US Route 1 at Route 53	220,000	880,000	-	1,100,000
Old Saybrook	Replace Br 01890 over Center Brook	400,000	1,600,000	-	2,000,000
Stamford	Reconstruction Halpin Ave to Camore	295,000	2,360,000	295,000	2,950,000
Stonington	Replace Br 02934 o/ Anguilla Brook	400,000	1,600,000	-	2,000,000
Stratford	Int & Drainage Impr. @ Linden Ave & California St	505,700	4,045,600	505,700	5,057,000
Trumbull	Pequonnock River Multi-Use Trail	700,000	2,800,000	-	3,500,000
Winchester	Rehab Br 04060 and Approaches	412,533	1,650,132	1,987,335	4,050,000
Windsor Locks	Realign CT 20 off-ramp to CT 75	278,250	2,226,000	278,250	2,782,500
Various	TBD - Improvements on State Routes	712,627	7,125,468	1,068,740	8,906,835
Various	Project Design/ Acquisition of ROW/Project Modifications	850,000	3,400,000	-	4,250,000
TOTAL		10,138,710	54,000,000	4,135,025	69,692,335

Intrastate Program Scheduled FY 16 Projects (in millions)

Town	Description	State \$	Federal \$	Other \$	Total \$
Bridgeport	Rehab Br 02475 o/ Pequonnock River (Phase-2)	2,000,000	8,000,000	-	10,000,000
Bristol	Widening, Carol Drive to Peggy Lane	1,860,000	16,740,000	-	18,600,000
Madison	Shoreline Greenway Trail	140,000	560,000	-	700,000
Statewide	Deploy Additional Road Weather Information System Locations	900,000	3,600,000	-	4,500,000
District 1	Install OSTA Traffic Signals	180,000	920,000	50,000	1,150,000
District 3	Upgrade Signing, from I-95 thru Shelton	1,000,000	4,000,000	-	5,000,000
Statewide	Pavement Preservation Program	22,000,000	-	-	22,000,000
Statewide	Line Striping/Pavement Markings Program	8,000,000	-	-	8,000,000
Statewide	Signing Preservation Placeholder	3,500,000	-	-	3,500,000
Various	Project Design/ Acquisition of ROW/Project Modifications	4,420,000	17,680,000	-	22,100,000
TOTAL		44,000,000	51,500,000	50,000	95,550,000

Hazardous Waste Program Scheduled FY 16 Projects (in millions)

Town	Description	State \$
Various	Facility Environmental Compliance	2,000,000
CT Transit Facility	James Street, New Haven	200,000
Various	Lead & Asbestos Abatement at Maintenance Facilities	50,000
East Hartford	Maintenance Facility GW Monitoring	35,000
West Willington	Maintenance Facility GW Remediation	75,000
New Milford	Maintenance Facility GW Remediation	75,000
Marlborough	Maintenance Facility GW Remediation	50,000
New Haven	Pond Lilly SVE Remediation System	75,000
Various	Roof Replacements Design	150,000
Canterbury/Old Saybrook/ Plainfield/Voluntown	Salt Shed Roof Replacements	900,000
Bolton/East Windsor/ Middletown/Wolcott	Salt Shed Roof Replacements	900,000
Various	Service Plaza Remediation	2,000,000
Norwich	SE Area Transit Facility Groundwater Remediation	75,000
Various	Storm water monitoring/General permit & MS4 (phase 2)	100,000
East Haven/Orange	UST Replacement	2,500,000
East Windsor/Union	UST Replacement	2,200,000
Thomaston/Thomaston/Norfolk	UST Replacement	2,551,000
Waterbury/Farmington	UST Replacement (Partial)	120,000
Various	UST Replacement Design	900,000
Higganum	Waste Site Remediation Candlewood Hill Rd, Site # 25	200,000
Higganum	Waste Site Remediation Candlewood Hill Rd, Site # 25	2,400,000
TOTAL		17,556,000

State Bridge Program Scheduled FY 16 Projects (in millions)

Town	Description	State \$	Federal \$	Total \$
Stamford	Atlantic St RR Bridge Overpass	12,000,000	-	12,000,000
Groton	Rehab Br 03330 & 03331 o/ Amtrak	2,000,000	8,000,000	10,000,000
Hartford	Rehab Bridges 03160A-D, 03301 & 03303 - Hartford Viaduct	3,000,000	27,000,000	30,000,000
Middletown	Phase 2 Rehab Br 00524 (Arrigoni Bridge), Approach spans	2,000,000	8,000,000	10,000,000
Milford	Replace Br 06755 o/ Tuttle Creek	320,000	1,280,000	1,600,000
New Britain	Rehab Br 02917 Curtis St o/ Route 72	1,200,000	4,800,000	6,000,000
New Haven	Rehab Br 03093 o/ Quinnipiac River	628,500	5,656,500	6,285,000
Norwalk	Replace Br 04989 o/ Silvermine River	300,000	1,200,000	1,500,000
Washington	Replace Br 06786 o/ Mallory Brook	220,000	880,000	1,100,000
Westport	Rehab Br 00069 o/ I-95	280,000	1,120,000	1,400,000
Windham	Replace Br 00490 o/ Natchaug River	1,300,000	5,200,000	6,500,000
Statewide	Bridge Preservation Projects	6,451,500	-	6,451,500
Various	Project Design/ Acquisition of ROW/ Project Modifications	3,300,000	13,200,000	16,500,000
TOTAL		33,000,000	76,336,500	109,336,500

Waterways Program Scheduled FY 16 Projects (in millions)

Town	Description	State \$
Chester/Hadlyme	Replace Office Building	50,000
New London	State Pier Rehab/Improvements	4,981,000
Various	Long-term Capital Maintenance Activities	300,000
TOTAL		5,331,000

General Aviation Scheduled FY 16 Projects (in millions)

Town	Description	CAA \$	Federal \$	Total \$
Airport Projects				
Oxford	Rehab Runway and ramp	1,200,000	10,530,000	11,730,000
Groton	Signage and Marking Condition Report	20,000	180,000	200,000
Groton	Install Wildlife Fencing	75,000	650,000	725,000
Statewide	Obstruction Removal Des & ROW	80,000	720,000	800,000
Municipal	Grant-in-Aid	200,000	-	200,000
Hartford	Rehab RW 2-20 Design	300,000	-	300,000
Aviation Equipment				
Statewide	Various	125,000	-	125,000
TOTAL		2,000,000	12,080,000	14,080,000

Bus and Rail Facilities and Equipment Scheduled FY 16 Projects (in millions)

Town	Description	State \$	Federal \$	Total \$
NHL-ML	S program/Timber Program	6,000,000	-	6,000,000
NHL-ML	Bridge Design	5,000,000	-	5,000,000
NHL-ML	Bridge Culvert Replacement Program	25,000,000	-	25,000,000
NHL-ML	New Haven Line Track Program	4,000,000	16,000,000	20,000,000
NHL-ML	Interlocking & Drainage	6,000,000	-	6,000,000
NHL-ML	NHL - Signal System Replacement Phase 2	40,000,000	12,000,000	52,000,000
NHL-ML	Code Compliance Upgrades - Rail Maintenance Facilities	5,000,000	-	5,000,000
NHL-ML	Upgrade Network Infrastructure	3,600,000	14,400,000	18,000,000
NHL-ML	NHL - Station Improvement Program	15,000,000	-	15,000,000
NHL-ML	NHL - Station Improvement Program - Noroton Heights	2,000,000	8,000,000	10,000,000
Norwalk	NHL - WALK Moveable Bridge	12,500,000	40,000,000	52,500,000
NHL-ML	NHRY (West End Yard, Pedestrian Bridge, Design)	68,000,000	-	68,000,000
Statewide	CT Transit Bus Replacements	5,600,000	22,400,000	28,000,000
Statewide	Transit District Bus Replacements	1,600,000	6,400,000	8,000,000
Statewide	Transit District Facility Improvements	3,000,000	12,000,000	15,000,000
Stamford	CT Transit Facility Improvements - Stamford	3,000,000	12,000,000	15,000,000
TOTAL		205,300,000	143,200,000	348,500,000
NHL-ML is the acronym for the New Haven Line-Metro North Line				

DOT Facilities Program Scheduled FY 16 Projects (in millions)

Town	Description	State \$	Other \$	Total \$
Statewide	Generator Program -Phase II	4,000,000	-	4,000,000
Various	Roof Repair Program	1,500,000	-	1,500,000
Occum	Replacement of the Occum Maintenance Garage	7,559,775	2,069,742	9,629,517
Pomfret	Renovation Pomfret Maintenance Garage	6,540,000	460,000	7,000,000
Plainfield	Renovation Plainfield Signs & Markings Garage	560,000	-	560,000
Brookfield	Renovation Brookfield Repair Garage	560,000	-	560,000
TOTAL		20,719,775	2,529,742	23,249,517

Appendix C

Item #6: The Connecticut Agricultural Experiment Station Valley Laboratory - Windsor

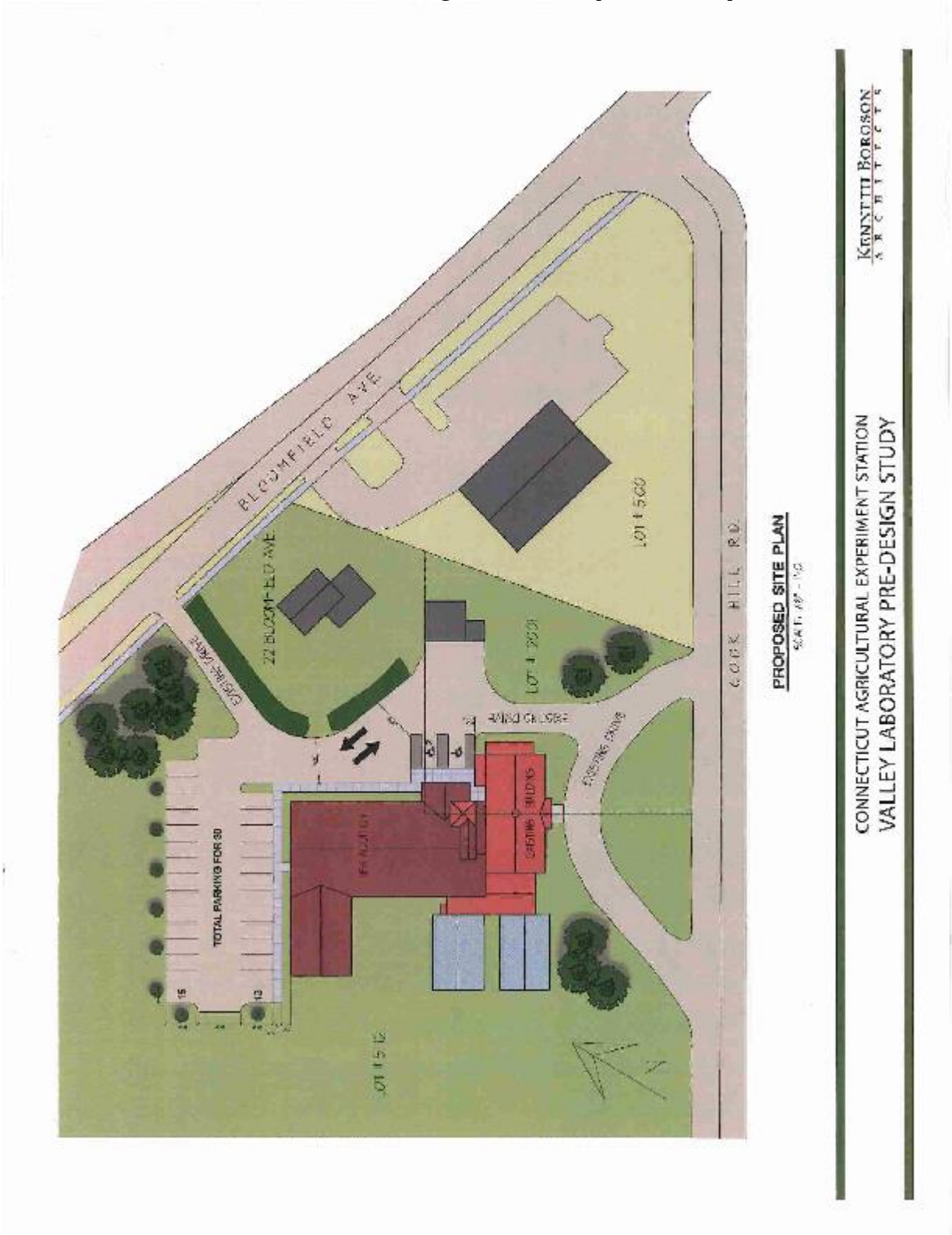
Existing Building



Proposed Addition

Appendix D

Item #6: Site Map of the Valley Laboratory



Appendix E

Item #42: Background on the First Five Program

The State Bond Commission allocated \$169.7 million for ten of the companies participating in First Five since 2012. Funding for CareCentrix and Synchrony Bank is included in the agenda for the current SBC meeting.

First Five Program Funding

Company	Total Assistance Available	Bond Funds Allocated on Previous Agendas ^{1,2}	Item #42 on Current SBC Agenda
CIGNA ³	71,000,000	21,000,000	-
NBC Sports	26,000,000	26,000,000	-
ESPN ³	10,000,000	-	-
Sustainable Building Systems	19,100,000	19,100,000	-
CareCentrix	24,000,000	11,600,000	2,400,000
Alexion ³	51,000,000	26,000,000	-
Deloitte	14,500,000	9,000,000	-
Bridgewater Associates	TBD	-	-
Charter Communications	8,500,000	6,500,000	-
Navigators Group Inc.	11,500,000	11,500,000	-
Pitney Bowes	27,000,000	16,000,000	-
EDAC Technologies ⁴	48,000,000	23,000,000	-
Synchrony Bank	20,000,000	-	10,000,000
TOTAL	330,600,000	169,700,000	12,400,000

¹The State Bond Commission allocated \$5.95 million to TicketNetwork. TicketNetwork has since withdrawn from the program. Those funds will be reallocated for future use.

²The State Bond Commission allocated \$18.7 million to ESPN to support a loan and a grant-in-aid under the program; however, the agreement has been since updated to provide ESPN \$10 million in tax credits only. Those funds will be reallocated for future use.

³A portion of these companies' assistance is eligibility for state tax credits in addition to bond funded loans and grants through First Five.

⁴EDAC Technologies received a bond allocation in July 2012, prior to officially participating in the First Five program. This allocation is counted towards the overall First Five assistance package to the company.