UCONN 2000

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UCONN UNIVERSITY OF CONNECTICUT





UCONN 2000

REBUILDING, RENEWING AND ENHANCING THE UNIVERSITY OF CONNECTICUT

July 2016

The **Forty Second** in a series of reports to

Governor Dannel P. Malloy and the Connecticut General Assembly

UNIVERSITY OF CONNECTICUT

UCONN 2000: THE UPDATE

This is the forty-second in a series of semi-annual reports to the Governor and the General Assembly pursuant to the provisions of Sections 10a-109 through 10a-109y of the Connecticut General Statutes, originally An Act to Enhance the Infrastructure of the University of Connecticut, now known as UCONN 2000. These reports have been issued biannually since passage of UCONN 2000 on June 7, 1995. The law also requires a four-year progress report, which was filed on January 15, 1999, as well as two five-year performance reviews which were submitted January 15, 2006 and January 15, 2011.

UCONN 2000: PROGRAM IMPROVEMENT

During this reporting period, the requirements concerning UCONN 2000 contained in Public Act 06-134 continue to be implemented. The Construction Management Oversight Committee (CMOC) established by statute has been unable to meet due to the lack of a quorum. Pursuant to the recommendation of the CMOC, the University Board of Trustees has assumed the responsibilities of the CMOC, acting through its Buildings, Grounds & Environment (BGE) Committee. BGE meets on a regular basis to review reports from the Office of Construction Assurance, who monitors University project management, procurement policies and procedures and is headed by a full-time Construction Assurance Officer, and who reports directly to the Board of Trustees and the President. BGE also reviews the status of major projects and remaining code correction programs.

Pursuant to Chapter 185b, Section 10a-109z of the Connecticut General Statutes (the Statute), the Board of Trustees for the University of Connecticut appointed the independent accounting firm of Marcum LLP, formerly UHY LLP, to perform audits of the UCONN 2000 expenditures for the fiscal years 2005 through 2010. Marcum issued an unqualified or clean audit opinion for each year of the engagement and in connection with the audits of UCONN 2000 expenditures, no material weaknesses or significant deficiencies in internal control were reported to management.

Pursuant to the Statute, the Board of Trustees appointed the independent accounting firm of RSM US LLP, formerly McGladrey LLP, to perform audits of UCONN 2000 projects for the fiscal years 2011 through 2015. McGladrey issued clean audit opinions for each year of the engagement. In connection with the audits of UCONN 2000 expenditures for the 2011 and 2012 fiscal years, no material weaknesses or significant deficiencies in internal control were reported to management. In connection with the audit of UCONN 2000 expenditures for the 2013 fiscal year, McGladrey identified a deficiency in internal control that they determined constituted a significant deficiency related to the application of certain markups on change orders and base contracts. University management has taken steps to enhance the effectiveness of internal control to ensure that markup calculations are accurate and in accordance with contract terms. No material weaknesses or significant deficiencies in internal control were reported to management in connection with the audit of UCONN 2000 expenditures for the 2014 and 2015 fiscal year.

The University employs building and life safety inspectors who review and sign off on all University construction plans and conduct field inspections to ensure that construction work meets all state building and life safety codes. The University inspectors work closely and effectively with the State Building Inspectors to ensure projects are code compliant.

RECENT CAPITAL FUNDING HISTORY: UNPARALLELED STATE COMMITMENT

In 2011, the State of Connecticut made strategic investments in the University of Connecticut and the University of Connecticut Health Center (UConn Health) firmly planting the seeds for Connecticut to be at the forefront of the growing bioscience industry. The investments were made with the promise that they would leverage other bioscience initiatives.

In May 2011, Governor Dannel P. Malloy introduced and less than one month later, the General Assembly approved the Bioscience Connecticut Initiative (Public Act 11-75), a bold \$864 million plan to reinvigorate all three areas of the UConn Health mission – research, education and clinical care. These investments would use the UConn Health campus as a cornerstone for reinventing Connecticut's economy by generating long term sustainable economic growth based on bioscience research, innovation, entrepreneurship and commercialization. Of note, the project also calls for short-term economic activity through a surge of construction-related jobs attributable to the expansion and renovation of the UConn Health clinical, education and research infrastructure.

Bioscience Connecticut is a multifaceted plan that will strengthen our state's position as a national and global center for bioscience innovation and improve access to quality health care for Connecticut citizens, while simultaneously securing UConn Health's future as a top tier academic medical center.

Construction components of Bioscience Connecticut on the UConn Health campus include:

- Renovating and modernizing, for the first time in its history, UConn Health's original research facilities on the Farmington campus. This will include expanding space for start-up bioscience businesses at the Cell and Genome Sciences Building.
- Constructing a new patient care tower.
- Renovating portions of the John Dempsey Hospital and the Clinic Building. Constructing, with private financing, a new UConn Health Outpatient Pavilion on the lower campus.
- Construction of an addition to the Academic Building to support the potential 30% increase in Medical and Dental School class sizes.

Programmatic components of Bioscience Connecticut include:

- Recruiting new faculty, including clinician-scientists, basic scientists and clinicians to increase healthcare access and double federal and industry research awards.
- Doubling existing business incubator space.
- Expanding the School of Medicine and School of Dental Medicine class sizes by 30 percent.
- Implementing a loan forgiveness program for UConn Medical and Dental School graduates who pursue careers in primary care in Connecticut.
- Partnering with local hospitals and health care organizations to address pressing health care needs.

Also, in 2011, legislation was enacted, which was subsequently amended in 2014, with the support of the Executive Branch and the General Assembly that provided \$169.5 million in funding to create a Technology Park on the Storrs campus. The new Tech Park, like Bioscience Connecticut, will be a critical component of Connecticut's plan to stimulate long-term economic growth by supporting innovation, new technologies and the creation of new companies and high-paying, sustainable jobs. Twenty-first century tech park models emphasize invention, incubation and entrepreneurship. UConn's Tech Park will hit the mark by promoting academic and industrial partnerships and by providing the physical and intellectual capacity to foster discovery.

In October 2011, just months after the passage of the capital investment at the University, the General Assembly adopted in special session, Public Act 11-2 establishing the Connecticut Bioscience Collaboration Program (the "Collaboration") supporting the establishment of a Bioscience cluster anchored by the world renowned Jackson Laboratory. The Jackson Laboratory Center for Genomic Medicine research building, located on UConn Health's campus in Farmington, opened in October 2014.

The groundbreaking for the first Bioscience Connecticut project took place on June 11, 2012. Four years later the UConn Health campus has been transformed by the completion of several of the key construction projects including the Main Building Research Lab Renovation: Project 1, Research Incubator Lab Addition, Outpatient Pavilion, the hospital bed tower known as the University Tower, three new parking garages, and many roadway improvements both on and off campus.

In July 2013, the General Assembly adopted Public Act 13-233 establishing Next Generation Connecticut for the purposes of construction, renovations, infrastructure and equipment related to the development of preeminence in the University of Connecticut's research and innovation programs. Pending annual appropriations, the Next Generation Connecticut initiative will also allow the University to (1) hire and support outstanding faculty, (2) train and educate more science, technology and engineering (STEM) graduates to meet the future workforce needs of Connecticut, and (3) initiate collaborative partnerships that lead to scientific and technological breakthroughs.

UCONN 2000: STATUS REPORT

MASTER PLANNING, DESIGN AND MANAGEMENT

The University's Master Plan provides a template for the development of the University's physical plant and infrastructure. The 1998 Storrs Campus Master Plan was updated in 2006 to reflect the extensive physical changes on all the campuses resulting from the UCONN 2000 initiatives. It should be noted that the Master Plan has been modified throughout the project planning, design and construction process of UCONN 2000. As part of the

Technology Park initiative, an update to the North Campus Master Plan was prepared to delineate various site, vehicular and pedestrian pathways, utility corridors, and landscape improvements to facilitate the future development of that part of campus. This work is incorporated in the comprehensive 2015 Master Plan for the campus.

The 2015 Master Plan reflects the impacts of the proposed projects included in the Next Generation Connecticut initiative and guides the development of the Storrs campus for the twenty (20) year period between 2015 and 2035. The 2015 Master Plan documents the state of existing conditions on campus and issues related to land use; space needs for academic, research, student life and administrative uses; recommended deferred maintenance and capital investments in the physical plant; environmental issues and sustainable design principles for future development; parking, circulation and transportation issues; and specific strategies to improve landscape quality and open spaces. The Master Plan references the programmatic ties to the Regional campuses, but does not include separate master plans for those locations.

The 2015 Master Plan is a comprehensive summary of the current conditions of the campus as of 2015 and a guideline for the proposed development of the Storrs campus over the next 20 years. The first ten years of development (2015-2024) are driven by the recently adopted Academic Vision Plan and fueled by the Next Generation Connecticut funding program. The plan also forecasts development that may occur beyond the Next Generation Connecticut projects (2025-2035). This potential future development will require new funding sources and builds on the success of the first decade of growth. The total amount of development portrayed in the plan includes facilities that would be needed to grow the undergraduate student population by 5,000, accommodate a substantially larger research enterprise, repair or replace obsolete facilities and meet the commitments of the Climate Action Plan for a sustainable campus.

Implementation of the Master Plan

Future planned development will be programmed and designed to conform to the concepts and the development pattern contained in the Master Plan documents. The Master Plan will inform the design and implementation of the utility infrastructure, storm water management systems, roads and parking areas, landscape and land use, and individual projects. The urban form of the campus will take shape as envisioned in the Master Plan and will be refined by future design initiatives as specific developments are designed and built. The Master Plan will inform and guide future development decisions, but the final location, design, and programming of specific projects will be decided when those projects are implemented. Individual construction projects undertaken as part of this plan will, as always, be brought to the Board of Trustees for approval, along with the project budgets.

The final version of the Master Plan and its Executive Summary, Design Guidelines and Appendices, dated May 2015, were issued and are posted on the UConn website at http://masterplan.uconn.edu/documents/.

BIOSCIENCE CONNECTICUT

The groundbreaking for the first Bioscience Connecticut project took place on June 11, 2012. Four years later the UConn Health campus has been transformed by the completion of several of the key construction projects including the Main Building Research Lab Renovation: Project 1, Research Incubator Lab Addition, Outpatient Pavilion, the hospital bed tower known as the

University Tower, three new parking garages, and many roadway improvements both on and off campus. Through the end of June 2016 over 5,522 construction workers have been employed on the Bioscience Connecticut projects and 83% of the construction contracts have been awarded to Connecticut companies. The Minority/Women/Disadvantaged Business participation is projected to achieve over 22.85%, exceeding the statutory minimum of 6.25% by more than 16%.

Several projects continue in construction and they are expected to complete on schedule, including the Main Building Research Lab Renovations, Project 2, the Academic Building Addition and Renovations, and the Clinic ("C") Building Renovations.

The Bioscience Connecticut initiative requires \$69 million in funding from operations, special eligible gifts or other sources toward new construction and renovation projects. UConn Health and the University of Connecticut Foundation continue their efforts to identify funding opportunities. Certain project elements are deferred until such time that funding is available.

NEXT GENERATION CONNECTICUT

The Next Generation Connecticut (NextGenCT) initiative represents one of the most ambitious State investments in economic development, higher education and research in the nation. The investments in NextGenCT will continue the transformation of the University of Connecticut from a Top 20 public research institution into the upper echelons of our nation's great research universities. This continued pursuit of academic excellence will fuel Connecticut's economy with new technologies, highly-skilled graduates, marketable patents and licenses, and the creation of new companies and high-wage jobs. The components of this ambitious ten-year plan include:

- Hiring new research and teaching faculty;
- Increasing enrollment of undergraduate students at the Storrs and Stamford campuses;
- Building research facilities to house materials science, physics, biology, engineering, cognitive science, genomics and related disciplines;
- Constructing new teaching laboratories;
- Creating a premier STEM Honors program to attract increasing numbers of high achieving undergraduates;
- Upgrading aging infrastructure to accommodate new faculty and students;
- Expanding degree programs and providing student housing in Stamford;
- Relocating Greater Hartford Campus to downtown Hartford; and
- Better integrating the research activities of the Storrs and Regional campuses with the UConn Health campus.

NextGenCT is comprised of both capital and operating budget components. The University gratefully acknowledges this funding and hopes that sustained support will be received to allow the University to continue to move forward with this transformative program. Since capital funding was first made available in July 2015, the University has moved forward aggressively with NextGenCT projects. Major projects currently underway include the Engineering and Science Building in Storrs and the new downtown Hartford Campus. Additionally, a new Next Generation Residence Hall will be completed by Fall of 2016, planning and design has begun on another science building, and the renovation of Gant, a circa 1960 science and math facility is also beginning. Full details on these capital projects and others are included in the UCONN

2000 section of this report. Given the State's fiscal challenges, the amount of operating funds appropriated from the State in FY15, FY16 and FY17 has understandably been significantly reduced relative to what was originally planned. It must be noted that this reduction in operating funds, and most particularly a reduction in the capacity to hire new faculty, will create significant challenges for the University in meeting the goals of NextGenCT.

As part of the NextGenCT, the University shall report not later than January 1, 2016, and annually thereafter, in accordance with the provisions of section 11-4a, to the joint standing committees of the General Assembly having cognizance of matters relating to finance, revenue and bonding, commerce and higher education on its progress toward achieving the goals set forth in the plan developed pursuant to the act. This data will be reported in the December 2016 version of this report.

CAPITAL PROGRAM

The Board of Trustees, at its June 29, 2016 meeting, approved the FY17 Capital Budget totaling \$274,552,000 as shown in Exhibit A. This amount reflects \$213,442,000 for Storrs and the Regional campuses and \$61,110,000 for UConn Health.

Storrs & Regional Campuses

The following is a brief description of the named projects included in the FY17 Capital Budget or previous budgets, which are currently in planning, design or construction.

Avery Point Buildings 21 and 23

Buildings 21 and 23 (formerly known as the Coast Guard Research & Development Barracks and Mess Hall) are located at the center of the campus and comprise 460,000 square feet. Due to their poor condition and code non-conformance, the buildings have been vacant since 2006. Many of the Avery Point utilities run through these vacant and unused buildings, requiring funds to ensure that the buildings are heated and supplied with services year-round. The systems in the buildings are 30 years old and require maintenance to keep them operational, an additional cost. It was the recommendation of the engineers and campus administrators that the utilities be relocated and the buildings demolished. The first phase of demolition took place in summer 2014 and relocation of utilities was completed in the summer 2015. Demolition of the buildings was completed in March 2016 and a new landscaping layout will be done in summer 2017.

Academic and Research Facilities

Currently, there are three major projects in various stages within this category: MAA, Gant Renovations, STEM Research Center 1.

The Main Accumulation Area (MAA) for Regulated Waste building is in construction. The new facility will be sized to adequately handle the three types of waste that are generated, including biological, chemical, and low level radioactive. The diversity of waste dictated certain building design features that promote the safety of operation. Therefore, the University required a building of approximately 8,200 square feet of space in a single level structure with processing and containment areas located adjacent to a central loading dock/receiving area. The project is on schedule with substantial completion expected by December 2016. Concrete building

foundation work is complete and below slab utilities are being installed. Slab on grade to be complete by July 2016 with structural steel to follow.

The 285,000 gross square foot Gant Science Complex will be renovated to accommodate current and future University needs in response to growing student enrollment in STEM programs. These improvements will include classrooms, lecture halls, teaching and research laboratories, faculty offices and support spaces. Exterior site and plaza areas will be improved to make them more inviting and accessible to the campus community. The building envelope (facades and roofs) will be reconstructed to provide a more attractive waterproof skin with better energy performance. Planning and design of the Gant building renovations are underway. Phased construction is anticipated to begin in Spring 2017 and be complete in Spring 2022. A series of enabling projects are currently in the design phase in order to relocate UITS occupants off the ground floor. This is the critical path prior to construction starting in the Spring of 2017.

The STEM Research Center 1 building is a keystone in the effort to fulfill the mandates of NextGenCT and will provide critical new research facilities for the existing and new STEM faculty. The 200,000 square foot research facility will be designed to meet both the current and future programmatic requirements of the University as it seeks to balance the anticipated rise in student enrollment in STEM programs with future research needs. Planning for the new facility is currently underway.

Deferred Maintenance/Code Compliance/ADA Compliance/Infrastructure Improvements & Renovation Lump Sum

The 2007 amendments to the law define the "deferred maintenance" portion of the project name as "repair of an infrastructure or structure that was not maintained, repaired or replaced in the usual course of maintenance and repair." In May 2016, the wording of this named line was amended to clarify the use of funds within this named line/category of projects. In general, projects in this named line fall into one or more of the following types of work:

- Safety, code and ADA required improvements
- Roof and exterior repairs
- Building mechanical system improvements
- Utilities repairs and upgrades
- General building renovations
- Roads, walks and grounds
- Environmental remediation

The Phase III project budget now stands at \$804.6 million.

Engineering and Science Building

The School of Engineering is located in several buildings, five on the main Storrs campus and four at the Depot campus. The three oldest and least renovated buildings on the main campus were built between 1959 and 1987 and can no longer support emerging interdisciplinary engineering programs such as bioengineering and nanotechnology.



A new five story Engineering and Science building will be located at the site of the Old Central Warehouse with three floors of Engineering and two floors of Life Sciences including the Institute for Systems Genomics. Construction began in June 2015 and is anticipated to be complete in spring 2017.

Deferred maintenance projects in the remaining Engineering buildings are ongoing including code upgrades, mechanical improvements and interior renovations.

Equipment, Library Collections & Telecommunications

The enhancement of the University's infrastructure includes its instructional and scientific equipment. The equipment replacement category permits the University to replace outmoded items with state of the art laboratory devices and computers. The funding encompasses seven major categories: management information systems, computers, research equipment, instructional equipment, furnishings, operational and public safety support, and library materials. Library materials are no longer purchased with UCONN 2000 funds; this expense is part of the operating budget. The total Phase III Equipment, Library Collections & Telecommunications budget is now projected at \$299.2 million.

Fine Arts Phase II

Numerous planning and design studies performed since 1991 have evaluated the needs of the School of Fine Arts. In response to these studies, the Storrs Center initiative, and the dispersal of the School of Fine Arts (SFA) facilities throughout the Storrs and Depot campuses since 1991, a Master Plan has assessed the condition of the current facilities, updated the program requirements of the School, and made draft recommendations to guide the use of UCONN 2000 funds for the School. The scope of this project has been focused to address façade repair and replacement at the Drama and Drama-Music buildings and to add a 30,000 square foot production facility. It will centralize production functions into a multipurpose facility which includes scene, stage, welding, lighting and costume shops. The University selected an architectural team to provide existing conditions assessments, programming, design, and documentation and construction observation services. Bid drawings are complete and will be released in the fall of 2016. Construction is expected to start in spring of 2017 with anticipated completion in the fall of 2018.

Hartford Relocation Acquisition/Renovations

Design of the new UConn Hartford campus was finalized and site construction began in the summer of 2015. Bidding of the balance of the packages will be completed by the end of the year. The new main campus building will be in a central location at the site of the historic Hartford Times Building in the downtown Front Street District of Adriaen's Landing. The

historic building will be restored and incorporated into the new design. The new campus will include classrooms, labs, faculty offices, tutoring centers, conference rooms, study rooms, break out rooms, café and staff offices.

The new main building design includes a central atrium space and a courtyard for outdoor activities. The project includes first floor retail spaces that will activate the urban streetscape and

integrate the project with the existing Front Street commercial district. The project is scheduled for completion in July 2017. The University is evaluating strategic partnerships with the neighboring institutions and businesses in order to avoid over-building and will use underutilized existing space in the market to supplement its new building. The University purchased a 32,000 square foot building at 38 Prospect Street and executed an operating and shared use agreement with the Hartford Public Library as other campus components. The result will be a neighborhood campus that helps to revitalize downtown Hartford.



Heating Plant Upgrade

The University completed an expansion to the existing heating plant, a new Cogeneration system, in 2006. At the time of construction, spaces to accommodate a future chiller and emergency generator were incorporated should the University require additional cooling and power. The advent of the NextGenCT program necessitates several internal updates to the plant, including condensate piping repairs, new controls, the additional chilled water generator and the emergency generator. The project to install additional chilled water capacity is in construction. A design team has been commissioned to prepare the plans and specifications for the emergency generator project. Construction has been delayed until late 2016 or 2017 due to code requirements that must be completed.

Jorgensen Renovation

This facility was constructed in 1956 for orchestra performances. Over the years, it has been modified to accommodate events and gatherings. The building contains five levels, including mezzanine levels above the basement and first floor. With a total of 76,408 square feet of space, the lower floor houses the Little Theatre, the Jorgensen Gallery, and a television studio. The upper floor contains a 2,600-seat auditorium, lobby areas, and support facilities. At this point, FY17 funding will provide additional support for limited repairs and renewal of the HVAC system.

Law School Renovations/Improvements

In May 2000, as part of a plan to undertake renovations to the Starr building (former Law Library building), a facility program was developed for all original campus buildings. Starr Hall

(50,750 square feet), Chase Hall (19,500 square feet), Hosmer Hall (43,072 square feet) and Knight Hall (13,500 square feet) are office and classroom buildings on the Law School campus. These buildings are listed on the National Historic Register. The University has completed masonry restoration on Starr, Chase and Hosmer Halls and replacement of seating in the Davis courtroom. Future renovations to the remaining buildings will be completed as funding becomes available. Currently a project to



replace windows in Hosmer Hall will begin in September 2016. Planning continues on the development of a new Student Center.

Monteith Renovation

Originally planned as "swing space", the 68,000 square foot Monteith building and the adjacent Schenker Lecture Hall have been reprogrammed as a new home for the Math Department which will vacate a wing of the Gant complex. While the existing exterior will remain unchanged, the interior will be gutted and reconstructed – providing classrooms, offices, conference rooms and support spaces. Construction commenced in October 2015 with anticipated completion in July 2016. The project is on schedule with furniture move-in scheduled to begin on at the end of July and staff move-in beginning in early August.

North Eagleville Road Phase III

The North Eagleville Road Area Infrastructure Repair/Replacement and Upgrades project is intended to replace aging infrastructure along a portion of the North Eagleville Road corridor from the W.B. Young Building westerly to the Northwest Residences. The project is being implemented in three phases of construction.

Phase III will replace and upgrade utilities in the North Eagleville Road Corridor from Storrs Road, westerly along North Eagleville Road to the western extremity of the project at the Northwest Residence Halls; northerly to the Towers Residence Complex and easterly to the College of Agriculture, Health and Natural Resources (CAHNR). Utilities included in the project scope include: steam and condensate return, electrical, water, storm and sanitary gravity sewer, a sanitary force main, and telecommunications. The project includes opportunities for landscape improvements and reconfiguration of North Eagleville Road within the project locus as defined by the University Master Plan approved in February 2015.

Phase III is planned to be implemented in two phases of construction over a period of two summers/falls in 2016 and 2017. The University has retained a Construction Manager at Risk to implement the project under a Guaranteed Maximum Price (GMP) contract.

Phase IIIA will focus on the area of Towers Residence Halls, the CAHNR campus east of Storrs Road and a portion of North Eagleville Road from Storrs Road west to the Lakeside Building and Northerly to the Towers Residential Complex. This phase will replace steam distribution and condensate return piping, electrical power distribution, telecommunications distribution, and a sanitary sewer force main. Areas disturbed by utility work will be improved within the project

locus in accordance with the Master Plan. Mechanical room modifications to twenty-six buildings originally planned to be completed at a future date have been included in this project to expedite condensate return to the Central Utility Plant for added energy savings. Phase IIIA is currently in construction.

Phase IIIB will focus on North Eagleville Road from the Lakeside Building west to Hillside Road. This phase will replace steam distribution and condensate return piping, electrical power distribution, telecommunication distribution, and sanitary force main. Surface and roadway improvements to North Eagleville Road are early in conceptual design and will be included in this phase of construction. Phase IIIB will implement these improvements to provide for better pedestrian safety and better traffic coordination with Discovery Drive. Phase IIIB is expected to begin construction in May 2017 and be substantially completed in the fall of 2017. Phase IIIB is currently in design. Construction documents are anticipated to be complete in August 2016.

North Hillside Road Completion (aka Discovery Drive)

This project provides for the extension of Hillside Road by 5,300 linear feet to Route 44. The project also provides for related utilities including gas, electrical, water, sewer and telecommunications under the new extension. The project will enhance access to the Storrs campus directly from Route 44 and provide relief from traffic congestion on Route 195. Additionally, both the road and accompanying utilities will permit future development of the North Campus which is envisioned as the primary area of expansion for the main campus, permitting new University buildings, residential capacity, and



public/private partnerships. The Town of Mansfield is supportive of the road project. UCONN 2000 funds were augmented by \$5.8 million in Federal funds granted to the University for this project; as well as funds provided for the University's new Technology Park. Construction began in July 2014 and the road was opened to traffic in December 2015. Final landscaping and other features are anticipated to be complete in September 2016.

Residential Life Facilities

This named project represents the overarching authorization to undertake activities to provide housing and dining facilities for the University's students. Although the quantity and the

diversity of campus living arrangements were expanded under the first two phases of UCONN 2000, much remains to be done. Some renovations of the older dormitories and code improvements were accomplished. Multiple projects were completed for the installation of sprinkler systems, replacement of elevators, as well as windows and roofs in various residential facilities.



The new design/build Next Generation CT residence hall is presently under construction with completion expected in July 2016. The Next Generation CT residence hall is located in the Hilltop Residential area and will have a living/learning community, as well as approximately 725 new beds and staff and director apartments. Also, FY17 funding will support façade repairs at the South Campus complex as well as other deferred maintenance needs in all of the residential and dining facilities.

Stamford Residential Housing

Following a formal public Request for Expressions of Interest process, the University selected a proposal from RMS Companies to provide residential housing at 900 Washington Boulevard for the UConn Stamford campus. A preliminary term sheet was executed in March 2016 and the parties are working towards formal agreements concerning the property, which commenced construction at the end of 2015 and will be completed by the summer of 2017. As currently contemplated, the six-story building will have 116 residential apartment units, with approximately 50% being two bedroom units, and the balance being one bedroom and studio apartments.

Stamford Campus Improvements

When the Stamford Downtown Campus was constructed, the majority of funds were spent on academic building and site work. Further improvements need to be undertaken. The FY17 funds will continue support of the Cooling Tower Replacement project. The two existing cooling towers were installed in 1997 and have surpassed their useful life – tower casings are deteriorated and cause numerous water leaks. Other age-related issues involve the deterioration of fans and piping connections, valve corrosion, damaged bearings and excessive noise. This project to replace the towers is expected to be complete in the fall 2016.

Technology Quadrant Phase III

Public Act 14-98 provides funding in the amount of \$169.5 million for the UConn Technology Park project and allows this project to be managed through the authority of the UCONN 2000 program. This project provides for the development of the first building in a Technology Park located along Discovery Drive. The initial facility will consist of an 113,000 square foot Innovation Partnership Building that will house world class equipment and offer shared

laboratories for use by industry scientists and business entrepreneurs as they work side-by-side with the University's research faculty. Construction began in July 2015 and the initial building will be complete in Summer 2017 with specialty labs complete in late 2017.

Other work in this project includes development of underground utilities and an increase in the existing water supply for the University and the



Town of Mansfield. An environmental assessment for the new water supply was completed and approved by OPM in September 2013. The new water supply will be an interconnection between the UConn system and the Connecticut Water Company's (CWC) system. The University and CWC finalized a contractual agreement in December 2013. A final permit was published by DEEP in June 2015. Construction for the new water supply is underway with estimated completion in mid-August 2016.

Utility Framework Modeling & Mapping/ Campus Infrastructure Upgrades/Landscape Repair Programs/Exigent Steam Repairs

The University owns, maintains, and operates large networks of utility production distribution and collection systems serving all buildings on the Storrs Campus. As the NextGenCT initiative and Master Plan are implemented, it is necessary to assess the capacities of these systems in order to ensure that enabling utility support projects are designed and implemented to support campus development.

Following a quality-based selection process, the University engaged an engineering firm (Framework Consultant) to assemble all existing utility information and to develop computer based models of the distribution and collection systems on the Storrs campus, and to utilize the models for predictive analysis guided by the Master Plan. Utilities and collection systems modeled include: normal and emergency power distribution; steam distribution and condensate return; potable and fire service water distribution; reclaimed water; sanitary sewer and storm drainage collection systems; and chilled water distribution. In order to ensure that the necessary predictive modeling will be appropriately coordinated with the NextGenCT initiative, the data collection and construction of the computer models began immediately upon engagement. This first phase was completed in April 2016.

The second phase will analyze campus build out in accordance with the Master Plan and Capital Program timelines in order to identify necessary utility upgrades needed to support future campus development over the next 20 years. This phase of the project began in July 2016. It uses the existing modelling completed in the first phase of the project as the baseline and develops predictive utility production, treatment collection and distribution models thereby allowing the development and implementation of utility and infrastructure upgrades necessary to support future planned campus development.

Young Building Renovation/Addition

This building was constructed in 1953 and has 71,937 square feet of office, classroom and lab spaces. The occupant of the building is the College of Agriculture, Health and Natural Resources. Due to the College's laboratory needs and the generally poor condition of all of the building systems, this building was slated for a full renovation and an addition. The first phase renovation project scope consisted of window replacements, restroom renovations, and mechanical system



upgrades (including laboratory ventilation); and the project was completed in August 2013. The second phase renovation project scope consists of roof repairs and masonry replacement/repointing. Construction began in April 2015 and is anticipated to be complete in August 2016.



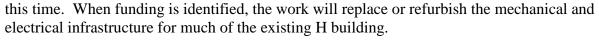
UConn Health (UCH)

UCH New Construction and Renovation New Hospital Bed Tower

The existing John Dempsey Hospital (JDH) building lacked the capacity to accommodate evolving standards of care, new technologies and patient/provider expectations. Since construction completion in 1972, JDH's physical plant infrastructure, including mechanical, electrical, plumbing, HVAC and fire alarm systems and telecommunication cabling, have never been substantially renovated. The addition and renovation provides a new state of the art

platform, including robust information technology systems, and new essential medical equipment for the delivery of healthcare and the education of the State's medical and dental students.

This project constructed a new 169 patient bed tower as an addition to the existing Hospital (H) Building. The addition includes space for 13 new operating rooms and a new 42 bay Emergency Department. The renovation work to the existing building is deferred at



The project's scope was expanded as part of the Bioscience Connecticut initiative to include 26,000 gross square feet of clinical support space and a second 400 car parking garage. Due to budget constraints, the clinical support space was not fit-out as part of the construction project. At this time, the floor will be partially fit-out to house the IT staff implementing the new electronic medical records system, EPIC, for UConn Health.

The project is being implemented in phases as follows:

- Phase 1: New Parking Garage 3 and site utility work (construction was completed in April 2013 and the garage is in full use).
- Phase 2: Construction of the new bed tower, Emergency
 Department, Operating Room suite, and the new Parking Garage 2 (Construction began in June 2013 and the new tower opened in May 2016.



• Phase 3: Renovations to the existing Hospital (H) building. (This phase is deferred pending the availability of funds from non-bond fund sources.)

Clinic Building Renovations

The existing clinical area of the Main Building will be partially renovated as part of the Bioscience Connecticut initiative. The focus of the renovations will be the Dental School's teaching clinics and the Pat and Jim Calhoun Cardiology Center. The project will also replace outdated mechanical and electrical building infrastructure components. UCH and the architects began planning work in March 2013 and began construction in June 2016.



Academic Building Addition and Renovations

Originally conceived as a separate floor in the new bed tower, additional medical education space is planned to support the planned 30% increase in dental and medical student class sizes. As a result of conceptual planning work, the education space is now planned as an addition to and partial renovation of the existing Academic (A) building. This approach provides a centralized location for the majority of the education activities. The project began construction in April 2015. The addition will be complete in July 2016 and the renovations will be completed in phases by mid-2017.

Deferred Maintenance/Code/ADA Renovation Sum

The 2007 amendments to the law define the "deferred maintenance" (DM) part of the project name as "repair of an infrastructure or structure that was not maintained, repaired or replaced in the usual course of maintenance and repair." In general, projects in this named line fall into one or more of the following types of work:

- Roof and exterior repairs
- Safety, code and ADA required improvements
- Building mechanical system improvements

- Utilities repair and upgrades
- General building renovations
- Roads, walks and grounds
- Environmental remediation

The Phase III total is \$47.6 million.

Equipment, Library Collections and Telecommunications

These funds support the UConn Health equipment, library collections and telecommunications infrastructure. More specifically, the project line covers computers, management information systems, research equipment, instructional equipment, furnishings, operational and public safety support, and library materials. Outmoded items must be replaced with equipment that is necessary to support research and instructional activities, maintain building compliance, conserve energy and provide a safe environment for the students, staff, and those who use UConn Health services. The Phase III total is \$68.4 million.

Main Building Renovation

The UConn Health Main building includes areas used by the general public as well as research, academic and clinical space. The focus of this renovation is the building's research facility and major building mechanical systems. The facility consists of seven floors, which house over 200 research labs and support space, and four floors of mixed use that include



Proposed Renovated Lab space in the Main Building

classrooms, student support spaces, operations support and mechanical spaces. Over the life of the building, no substantial renovations or upgrades have been undertaken.

As an early phase of this project, the Clinical Skills Renovation, was completed in December 2007. The project renovated a portion of the Main Building to allow for the relocation and expansion of the Clinical Skills teaching program. The expanded program includes the use of a life-size programmable mannequin with a computerized graphical user interface used to teach clinical and decision making skills during realistic patient care scenarios.

The remainder of the work for the Main Building Renovation focuses on UConn Health's largest research facility, the "L" (LAB) building, which houses over 280,000 square feet of research labs and support space. The renovations are being implemented via two separate projects. "Project 1" which renovated approximately 50% of the total space, is complete and the reconfigured labs are in use. The renovated labs are dramatically improved with larger, more flexible layouts that promote collaboration between researchers. The labs are also much more energy efficient because aged heating and air conditioning, electrical, and plumbing systems have been replaced with modern technologically advanced systems.

A second project, "Project 2", was included as part of the Bioscience Connecticut initiative. This project completes the lab renovation on the top four floors of the research area. The construction began in December 2015 and is on schedule to be complete in March 2017. Note that later phases of Project 2 are deferred pending funding from non-state bond fund sources.

UCONN 2000: SET-ASIDE CONTRACTOR

Public Act 99-241 called for, among other things, information regarding use of Connecticut owned businesses on UCONN 2000 program projects, including those owned by women and minorities ("set-aside" contractors). Since Fiscal Year 1996, construction and related contracts for the UCONN 2000 program totaled \$2.9 billion from all fund sources; \$2.4 billion is strictly UCONN 2000 funds. As of July 2016, Connecticut businesses have accounted for \$1.83 billion of the total contracted dollars with "set-aside" general contractors and subcontractors accounting for \$593.6 million. Overall, small business participation has amounted to \$338.5 million, minority business participation has amounted to \$73.2 million, and women-owned business participation has amounted to \$182.8 million.

UCONN 2000: FINANCE

Pursuant to Section10a-109x of the Connecticut General Statutes, the semi-annual report to the General Assembly is to provide, among other things, information on the number of projects and securities authorized, approved and issued; the payment of debt service requirements, and the payment of principal and interest on the UCONN 2000 securities; and the amount of investment earnings. This section provides that information.

During the May 2016 Special Session, the Connecticut General Assembly passed Public Act No. 16-4 effective July 1, 2016 which among other things changed the name of the UCONN 2000 project "Deferred Maintenance/Code/ADA Renovation Lump Sum" to "Deferred Maintenance/Code Compliance/ADA Compliance/Infrastructure Improvements & Renovation Lump Sum" and also shifted \$26,000,000 of Debt Service Commitment authorizations from Fiscal Year 2017 to Fiscal Year 2018.

During May 2014, Governor Malloy signed Public Act 14-98 which clarified that the language in the UCONN 2000 legislation limiting UCONN 2000 debt applied only to the debt service commitment debt that the State pays and the limit does not apply to UCONN 2000 Special Obligation Student Fee Revenue bonds and other types of UCONN 2000 debt which the University and not the State pays. Public Act 14-5 was also signed in May 2014 and eliminated certain UCONN 2000 Act language that limited leasing outside the Storrs Campus.

In July 2013, Governor Malloy signed Public Act 13-233, "An Act Concerning Next Generation Connecticut", which extended the UCONN 2000 program another six years until Fiscal Year 2024; increased the statutory authorizations for the UCONN 2000 bonds secured by the State's debt service commitment by \$1.551 billion for a total of \$4,282,900,000; changed certain fiscal year bond authorizations; added a new named project called "Academic and Research Facilities"; and also added the housing language to the "Stamford Campus Improvements/Housing" project.

In July 2011, Governor Malloy signed Public Act 11-75, "An Act Concerning the University of Connecticut Health Center", the Bioscience Connecticut initiative, which increased the statutory authorizations for the UCONN 2000 bonds secured by the State's debt service commitment by \$262,900,000 for a total of \$2,731,900,000; changed certain fiscal year bond authorizations; eliminated a prior provision relating to the \$100 million contribution of federal, private or other non-state money; and provided for funding to renovate research laboratory space and create additional business incubator space.

On August 25, 2011, the Governor signed Public Act 11-57 creation of a world-class Technology Park on the Storrs Campus to serve as a cornerstone for a new Connecticut research triangle. The Technology Park is expected to generate hundreds of new jobs in Connecticut, encourage new business growth, and leverage millions of dollars in federal and private research funding. The Technology Park work will be linked to UConn Health in Farmington including the Connecticut Bioscience Initiative, and to the work being done in New Haven by Yale and others across the State. On August 26, 2011, the State Bond Commission authorized the release of \$18 million in State General Obligation bonding to cover the project's initial design and development costs. On April 26, 2013, the State Bond Commission authorized the release of \$20 million in State General Obligation bonding to cover the purchase of equipment. On May 11, 2015, the State Bond Commission authorized the release of \$131.5 million in State General Obligation bonding to fund the construction of the new facility.

During the October 2011 special session, the Connecticut General Assembly adopted Public Act 11-2 which established the Connecticut Bioscience Collaboration Program (the "Collaboration") and authorized \$290,685,000 of State general obligation bonds to be issued over a ten-year period and to be deposited in the Connecticut Bioscience Collaboration Fund. The Collaboration will support the establishment of a bioscience cluster anchored by the Jackson Laboratory for Genomic Medicine, a research laboratory located on UCH's Farmington campus.

General Obligation Bonds

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Section 10a-109 of the Connecticut General Statutes empowers the University to issue General Obligation Bonds secured by the State's Debt Service Commitment (sometimes referred to as "General Obligation Debt Service Commitment Bonds" or "GO-DSC Bonds"). These Bonds are issued pursuant to the General Obligation Master Indenture of Trust, dated as of November 1, 1995, between the University of Connecticut, as Issuer, and Fleet National Bank of Connecticut as Trustee (now U.S. Bank N.A.). The University's Board of Trustees on November 10, 1995, and the State Bond Commission on December 21, 1995 approved the Master Indenture of Trust. The Master Indenture was subsequently amended and approved by the University's Board of Trustees on September 26, 2003 and the State Bond Commission on December 19, 2003. The Board of Trustees and the Governor approve the subsequent Supplemental Indentures for each bond issue. The University and the Office of the State Treasurer, working in conjunction, manage the GO-DSC Bond sale process.

General Obligation Bond Issues Completed

As of June 30, 2016, there were 28 bond issues for the UCONN 2000 program including 9 refunding bond issues under the State's DSC. Pursuant to Section 10a-109g of the Connecticut General Statutes, the UCONN 2000 GO-DSC Bonds authorized, approved and issued to date are listed below:

UCONN 2000 GO-DSC B	<u>Sonds Phase I, II & III</u>		
Date of Issue	Par Amount	TIC (1)	Bond Issue
February 21, 1996	\$83,929,714.85	4.94%	1996 Series A
April 24, 1997	124,392,431.65	5.48%	1997 Series A
June 24, 1998	99,520,000.00	4.78%	1998 Series A
April 8, 1999	79,735,000.00	4.46%	1999 Series A
March 29, 2000	130,850,000.00	5.42%	2000 Series A
April 11, 2001	100,000,000.00	4.54%	2001 Series A

April 18, 2002	100,000,000.00	4.74%	2002 Series A ⁽²⁾
March 26, 2003	96,210,000.00	3.97%	2003 Series A ⁽³⁾
January 22, 2004	97,845,000.00	3.76%	2004 Series A ⁽⁴⁾
March 16, 2005	98,110,000.00	4.20%	2005 Series A ⁽⁵⁾
March 15, 2006	77,145,000.00	4.20%	2006 Series A ⁽⁶⁾
April 12, 2007	89,355,000.00	4.10%	2007 Series A ⁽⁷⁾
April 16, 2009	144,855,000.00	4.01%	2009 Series A ⁽⁸⁾
May 25, 2010	97,115,000.00	3.64%	2010 Series A ⁽⁹⁾
December 12, 2011	179,730,000.00	3.31%	2011 Series A ⁽¹⁰⁾
July 31, 2013	172,660,000.00	3.58%	2013 Series A ⁽¹¹⁾
April 22, 2014	109,050,000.00	3.37%	2014 Series A ⁽¹²⁾
April 16, 2015	220,165,000.00	3.09%	2015 Series A ⁽¹³⁾
April 21, 2016	261,510,000.00	2.76%	2016 Series A ⁽¹⁴⁾
Subtotal Phases I,II & III	\$2,362,177,146.50		

Refunding Bonds

April 22, 2014 April 16, 2015	92,940,000.00 34,625,000.00	1.41% 2.15%	2014 Series A Refunding (12) 2015 Series A Refunding (13)
April 22, 2014	92,940,000.00	1.41%	2014 Series A Refunding (12)
December 12, 2011 July 31, 2013	31,905,000.00 51,250,000.00	2.29% 2.71%	2011 Series A Refunding (10) 2013 Series A Refunding (11)
May 25, 2010	36,095,000.00	2.86%	2010 Series A Refunding (9)
April 12, 2007	46,030,000.00	4.19%	2007 Series A Refunding (7)
January 29, 2004 March 15, 2006	\$216,950,000.00 61,020,000.00	3.55% 4.17%	2004 Series A Refunding (4) 2006 Series A Refunding (6)

Total GO-DSC Bonds \$3,013,417,146.50

- (1) TIC is the true interest cost reflecting the interest rate for the time value of money across an entire bond issue.
- (2) The GO-DSC 2002 Series A Bonds provided \$994,688.03 directly to the Office of the State Treasurer.
- (3) The GO-DSC 2003 Series A Bonds par amount of \$96,210,000 plus \$3,790,000 of the original issue premium totaled \$100,000,000 available for projects.
- The GO-DSC 2004 Series A Bonds new money and GO-DSC Refunding 2004 Series A Bonds were issued under a single Official Statement with a par amount of \$216,950,000. The GO-DSC 2004 new money bonds totaled \$100,000,000 for projects, funded by the \$97,845,000 par amount plus \$2,155,000 of the original issue premium; and the GO-DSC Refunding 2004 Series A Bonds provided \$223,160,000 for a refunding escrow. Additional proceeds, including premium, funded the refunding escrow and the costs of issuance.
- (5) The GO-DSC 2005 Series A Bonds totaled \$100,000,000 available for projects funded by the \$98,110,000 par amount plus \$1,890,000 of the original issue premium. Phase II authorizations accounted for \$50 million and Phase III for \$50 million.
- (6) The GO-DSC 2006 Series A Bonds new money and GO-DSC Refunding 2006 Series A Bonds were issued under a single Official Statement with a par amount of \$138,165,000. The

- GO-DSC 2006 Series A Bonds new money totaled \$79,000,000 available for projects, funded by the \$77,145,000 par amount plus \$1,835,000 of the original issue premium, and the GO-DSC Refunding 2006 Series A Bonds provided \$65,472,900 for a refunding escrow. Additional proceeds, including premium, funded the refunding escrow and the costs of issuance.
- (7) The GO-DSC 2007 Series A Bonds new money and GO-DSC Refunding 2007 Series A Bonds were issued under a single Official Statement with a par amount of \$135,385,000. The GO-DSC 2007 Series A Bonds new money totaled \$89,000,000 available for projects, and the GO-DSC Refunding 2007 Series A Bonds provided \$49,505,476.89 for a refunding escrow. Additional proceeds, including premium, funded the refunding escrow and the costs of issuance.
- (8) The GO-DSC 2009 Series A Bonds par amount of \$144,855,000 plus \$5,145,000 of the original issue premium totaled \$150,000,000 available for projects.
- (9) The GO-DSC 2010 Series A Bonds new money and GO-DSC Refunding 2010 Series A Bonds were issued under a single Official Statement with a combined par amount of \$133,210,000. The GO-DSC 2010 Series A Bonds new money par amount of \$97,115,000 plus \$7,885,000 of the original issue premium totaled \$105,000,000 available for projects; and the GO-DSC Refunding 2010 Series A Bonds par amount of \$36,095,000 plus \$2,609,428.69 of the original issue premium provided \$38,704,428.69 for the refunding escrow. Additional proceeds, including premium, funded the costs of issuance.
- (10) The GO-DSC 2011 Series A Bonds new money and GO-DSC Refunding 2011 Series A Bonds were issued under a single Official Statement with a combined par amount of \$211,635,000. The GO-DSC 2011 Series A Bonds new money par amount of \$179,730,000 plus \$20,700,000 of the original issue premium totaled \$200,000,000 available for projects; and the GO-DSC Refunding 2011 Series A Bonds par amount of \$31,905,000 plus \$4,936,565.62 of the original issue premium provided \$36,841,565.62 for the refunding escrow. Additional proceeds, including premium, funded the costs of issuance.
- (11) The GO-DSC 2013 Series A Bonds new money and GO-DSC Refunding 2013 Series A Bonds were issued under a single Official Statement with a combined par amount of \$223,910,000. The GO-DSC 2013 Series A Bonds new money par amount of \$172,660,000 plus \$16,340,000 of the original issue premium totaled \$189,000,000 available for projects; and the GO-DSC Refunding 2013 Series A Bonds par amount of \$51,250,000 plus \$6,978,911.08 of the original issue premium provided \$58,228,911.08 for the refunding escrow. Additional proceeds, including premium, funded the costs of issuance.
- (12) The GO-DSC 2014 Series A Bonds new money and GO-DSC Refunding 2014 Series A Bonds were issued under a single Official Statement with a combined par amount of \$201,990,000. The GO-DSC 2014 Series A Bonds new money par amount of \$109,050,000 plus \$10,950,000 of the original issue premium totaled \$120,000,000 available for projects; and the GO-DSC Refunding 2014 Series A Bonds par amount of \$92,940,000 plus \$6,573,683.06 of the original issue premium provided \$99,513,683.06 for the refunding escrow. Additional proceeds, including premium, funded the costs of issuance.
- (13) The GO-DSC 2015 Series A Bonds new money and GO-DSC Refunding 2015 Series A Bonds were issued under a single Official Statement with a combined par amount of \$254,790,000. The GO-DSC 2015 Series A Bonds new money par amount of \$220,165,000 plus \$29,835,000 of the original issue premium totaled \$250,000,000 available for projects; and the GO-DSC Refunding 2015 Series A Bonds par amount of \$34,625,000 plus \$5,654,495.56 of the original issue premium totaled \$40,279,495.56 deposited to the refunding escrow. Additional proceeds, including premium, funded the costs of issuance.

(14) The GO-DSC 2016 Series A Bonds new money and GO-DSC Refunding 2016 Series A Bonds were issued under a single Official Statement with a combined par amount of \$341,935,000. The GO-DSC 2016 Series A Bonds new money par amount of \$261,510,000 plus \$38,490,000 of the original issue premium totaled \$300,000,000 available for projects; and the GO-DSC Refunding 2016 Series A Bonds par amount of \$80,425,000 plus \$10,056,693.44 of the original issue premium totaled \$90,481,693.44 deposited to the refunding redemption fund and/or escrow. Additional proceeds, including premium, funded the costs of issuance.

The nineteen series of UCONN 2000 GO-DSC Bonds issued to fund projects total \$2,362,177,146.50 in par value and provided \$2,494,000,000 for UCONN 2000 project spending (excluding the UCONN 2000 GO-DSC Refunding 2004, 2006, 2007, 2010, 2011, 2013, 2014, 2015 and 2016 Series A Bonds). The remaining balance, together with accrued interest and net original issue premium, funded the costs of issuance and deposits to the State Treasurer.

General Obligation Bonds – Projects

During Fiscal Year 2005, the University finished Phase I and Phase II and initiated Phase III of the UCONN 2000 project authorizations secured by the State's DSC. The act provides for a total of \$4,282,900,000 of UCONN 2000 bonds secured by the State's DSC. As of July 5, 2016, the following projects totaling \$2,946,400,000 have been authorized to receive GO-DSC Bond proceeds:

Phases I & II	Authorized
Agricultural Biotechnology Facility Completion	3,000,000.00
Agricultural Biotechnology Facility	9,400,000.00
Alumni Quadrant Renovations	11,183,623.91
Avery Point Marine Science Research Center-Phase I	30,000,000.00
Avery Point Marine Science Research Center-Phase II	7,254,246.03
Avery Point Renovation	4,875,717.46
Benton State Art Museum Addition	700,000.00
Business School Renovation	7,958,470.42
Central Warehouse New	6,933,751.77
Chemistry Building	53,062,000.00
Deferred Maintenance & Renovation Lump Sum	40,798,259.65
Deferred Maintenance & Renovation Lump Sum Balance	117,386,096.72
East Campus North Renovations	7,382,604.53
Equipment, Library Collections & Telecommunications	60,500,000.00
Equipment, Library Collections & Telecommunications Completion	105,812,000.00
Gant Plaza Deck	7,287,174.10
Gentry Renovation	9,664,596.69
Grad Dorm Renovations	2,928,227.59
Heating Plant Upgrade	9,969,000.00
Hilltop Dormitory Renovations	8,176,528.89
Ice Rink Enclosure	3,280,000.00
International House Conversion/(a.k.a. Museum of Natural History)	886,134.00
Litchfield Agricultural Center-Phase I	1,000,000.00

Mansfield Apartments Renovation	2,071,000.00
Mansfield Training School Improvements	3,500,000.00
Monteith Renovation	444,348.00
Music Drama Addition *	7,400,000.00
North Campus Renovation	10,996,050.15
North Superblock Site & Utilities	7,668,000.00
Northwest Quadrant Renovation-Phase I	2,001,000.00
Northwest Quadrant Renovation-Phase II	30,000,000.00
Parking Garage-North	9,658,000.00
Pedestrian Walkways/(a.k.a. Fairfield Road Pedestrian Mall)	6,074,000.00
School of Business	25,652,366.00
School of Pharmacy	88,609,000.00
Shippee/Buckley Renovations	6,920,000.00
South Campus Complex	12,251,000.00
Stamford Downtown Relocation-Phase I	55,781,471.55
Student Union Addition	44,622,633.00
Technology Quadrant-Phase IA	39,993,000.00
Technology Quadrant-Phase II	34,120,000.00
Torrey Life Science Renovation	251,109.43
Towers Renovation	17,950,243.11
Underground Steam & Water Upgrade	6,000,000.00
Underground Steam & Water Upgrade Completion	6,000,000.00
Waring Building Conversion	11,452,000.00
Waterbury Property Purchase	200,000.00
West Campus Renovations	519,507.20
White Building Renovation	2,427,268.80
Wilbur Cross Building Renovation	<u>19,999,571.00</u>
TOTAL PHASE I & II PROJECTS	\$962,000,000.00

 $^{* \}textit{Board of Trustees added Project 2/22/2001}$

Phase III - Storrs and Regional Campuses	<u>Authorized</u>
Academic and Research Facilities	22,504,392.00
Arjona and Monteith (new classroom buildings)	129,587,893.28
Avery Point Campus Undergraduate and Library Building	10,461,245.77
Avery Point Renovation	8,695,226.54
Beach Hall Renovations	5,396,957.33
Benton State Art Museum Addition	2,903,508.88
Biobehavioral Complex Replacement	3,589,141.00
Bishop Renovation	3,827,302.00
Deferred Maintenance/Code Compliance/ADA Compliance/Infrastructure	
Improvements & Renovation Lump Sum	315,334,643.89
Engineering Building (with Environmental Research Institute)	84,475,807.00
Equipment, Library Collections & Telecommunications	133,816,496.00
Family Studies (DRM) Renovation	2,868,306.20

Farm Buildings Repairs/Replacement	5,036,397.09
Fine Arts Phase II	12,128,424.00
Floriculture Greenhouse	6,691,798.67
Gant Building Renovations	13,231,018.00
Gentry Completion	9,628,208.95
Hartford Relocation Acquisition/Renovation	121,709,999.14
Heating Plant Upgrade	15,283,897.00
Intramural, Recreational and Intercollegiate Facilities	31,009,920.63
Jorgensen Renovation	3,934,474.58
Koons Hall Renovation/Addition	1,530,057.00
Lakeside Renovation	3,800,000.00
Law School Renovations/Improvements	16,766,342.94
Manchester Hall Renovation	846,302.00
Mansfield Training School Improvements	3,014,780.00
Natural History Museum Completion	500,000.00
North Hillside Road Completion	8,200,000.00
Old Central Warehouse *	126,000.00
Parking Garage #3	325,699.00
Psychology Building Renovation/Addition	24,337,399.00
Residential Life Facilities	144,092,899.01
School of Pharmacy/Biology Completion	6,000,000.00
Stamford Campus Improvements/Housing	1,533,703.00
Storrs Hall Addition	14,664,091.44
Student Union Addition	13,000,000.00
Support Facility (Architectural and Engineering Services)	16,583.05
Torrey Renovation Completion and Biology Expansion	1,867,868.00
Torrington Campus Improvements	369,156.42
Waterbury Downtown Campus	1,893,022.00
West Hartford Campus Renovations/Improvements	6,774,305.19
Young Building Renovation/Addition	24,140,884.00
Storrs & Regionals Subtotal	\$1,215,914,150.00
UConn Health	
CLAC Renovation Biosafety Level 3 Lab	16,835,000.00
Deferred Maintenance/Code/ADA Renovation Sum — Health Center	46,903,839.03
Dental School Renovation	3,525,000.00
Equipment, Library Collections and Telecommunications - Health Center	66,954,390.00
Library/Student Computer Center Renovation	1,266,459.97
Main Building Renovation	120,105,675.00
Medical School Academic Building Renovation	39,047,488.00
Planning and Design Costs	25,000,000.00
Research Tower	68,580,997.00
Support Building Addition/Renovation	100,000.00
The University of Connecticut Health Center New Construction and Renovation	380,167,001.00

TOTAL PHASE III PROJECTS TOTAL GO-DSC BONDS: PHASE I, II AND III PROJECTS

\$1,984,400,000.00 \$2,946,400,000.00

General Obligation Bonds – Refunding

Pursuant to Section 10a-109m of the Connecticut General Statutes, the University may issue refunding securities. The University achieved a total of \$37.9 million in gross debt services savings for Connecticut taxpayers by issuing several series of GO-DSC Refunding Bonds as follows.

On January 29, 2004, the University achieved \$15.2 million in debt service savings for Connecticut taxpayers through the \$216,950,000 of UCONN 2000 GO-DSC Refunding 2004 Series A Bonds. Proceeds pre-refunded \$223,160,000 of the portions of the 1996, 1997, 1998, 2000, 2001 and 2002 UCONN 2000 GO-DSC Bonds. Debt service savings amounted to \$15,215,582.84 on a gross cash debt service savings basis or \$10,117,718.77 on a net present value basis (4.53% savings over refunded bonds debt service) spread across fiscal years 2004 to 2020.

On March 15, 2006, the University achieved \$4.0 million in debt service savings through the issuance of \$61,020,000 of UCONN 2000 GO-DSC Refunding 2006 Series A Bonds. Proceeds pre-refunded \$61,675,000 of the portions of the 1998, 1999, 2000, 2001 and 2002 UCONN 2000 GO-DSC Bonds. Debt service savings amounted to \$4,003,734.09 on a gross cash debt service savings basis or \$2,495,916.47 on a net present value basis (3.94% savings over refunded bonds debt service) spread across fiscal years 2006 to 2020.

On April 12, 2007, the University achieved \$1.7 million in debt service savings through the issuance of \$46,030,000 of UCONN 2000 GO-DSC Refunding 2007 Series A Bonds. Proceeds pre-refunded \$46,695,000 of the portions of the 2002 and 2003 UCONN 2000 GO-DSC Bonds. Debt service savings amounted to \$1,680,056.23 on a gross cash debt service savings basis or \$1,387,269.87 on a net present value basis (2.97% savings over refunded bonds debt service) spread across fiscal years 2008 to 2022.

On May 25, 2010, the University achieved \$1.8 million in debt service savings through the issuance of \$36,095,000 of UCONN 2000 GO-DSC Refunding 2010 Series A Bonds. Proceeds pre-refunded \$35,885,000 of portions of the 1999, 2001, 2003 and 2004 UCONN 2000 GO-DSC Bonds. Debt service savings amounted to \$1,791,739.17 on a gross cash debt service savings basis or \$1,470,720.91 on a net present value basis (4.1% savings over refunded bonds debt service) spread across fiscal years 2011 to 2021.

On December 12, 2011, the University achieved \$1.9 million in debt service savings through the issuance of \$31,905,000 of UCONN 2000 GO-DSC Refunding 2011 Series A Bonds. Proceeds pre-refunded \$33,735,000 of portions of the 2003 and 2004 UCONN 2000 GO-DSC Bonds. Debt service savings amounted to \$1,918,938.89 on a gross cash debt service savings basis or

^{*} The Old Central Warehouse was added by PA-07-108 effective 7-1-2007

\$1,680,287.49 on a net present value basis (5.0% savings over refunded bonds debt service) spread across fiscal years 2011 to 2021.

On July 31, 2013, the University achieved \$4.8 million in debt service savings through the issuance of \$51,250,000 of UCONN 2000 GO-DSC Refunding 2013 Series A Bonds. Proceeds pre-refunded \$54,375,000 of portions of the 2004 and 2005 UCONN 2000 GO-DSC Bonds. Debt service savings amounted to \$4,768,953.75 on a gross cash debt service savings basis or \$3,982,216.07 on a net present value basis (7.3% savings over refunded bonds debt service) spread across fiscal years 2014 to 2024.

On April 22, 2014, the University achieved \$8.5 million in debt service savings through the issuance of \$92,940,000 of UCONN 2000 GO-DSC Refunding 2014 Series A Bonds. Proceeds refunded \$97,930,000 of portions of the 2004 and 2005 UCONN 2000 GO-DSC Bonds. Debt service savings amounted to \$8,491,280.28 on a gross cash debt service savings basis or \$7,697,944.62 on a net present value basis (7.9% savings over refunded bonds debt service) spread across fiscal years 2015 to 2025.

On April 16, 2015, the University achieved \$4.9 million in debt service savings through the issuance of \$34,625,000 of UCONN 2000 GO-DSC Refunding 2015 Series A Bonds. Proceeds refunded \$38,550,000 of certain maturities of the 2006 UCONN 2000 GO-DSC Bonds. Debt service savings amounted to \$4,944,870.51 on a gross cash debt service savings basis or \$4,281,359.73 on a net present value basis (11.1% savings over refunded bonds debt service) spread across fiscal years 2016 to 2026.

On April 21, 2016, the University achieved \$ 7.8 million in debt service savings through the issuance of \$80,425,000 of UCONN 2000 GO-DSC Refunding 2016 Series A Bonds. Proceeds refunded \$46,535,000 of certain maturities of the 2006 UCONN 2000 GO-DSC Refunding Bonds and pre-refunded \$42,000,000 of certain maturities of the 2007 UCONN 2000 GO-DSC Bonds. Debt service savings amounted to \$8,489,980.00 on a gross cash debt service savings basis or \$7,751,484.82 on a net present value basis (8.8% savings over refunded bonds debt service) spread across fiscal years 2017 to 2027.

Special Obligation Student Fee Revenue Bonds

UCONN 2000 also authorizes the University to issue Special Obligation Revenue bonds. Unlike the UCONN 2000 GO-DSC Bonds that are paid from the State's General Fund, debt on the Special Obligation Bonds are paid from certain pledged revenues of the University as defined in the particular bond series indenture.

A Special Capital Reserve Fund may be established for UCONN 2000 Special Obligation bond issues only if the Board of Trustees determines that the Special Obligation bond issue is self-sufficient as defined in the Act. The self-sufficiency finding by the University must be submitted to and confirmed as not unreasonable or arbitrary by the State Treasurer prior to issuance of the bonds. Once approved, the Special Capital Reserve Fund is funded at issuance by the University to meet the minimum capital reserve requirement.

Special Obligation Student Fee Revenue Bond Issues Completed

The UCONN 2000 Special Obligation Student Fee Revenue ("SO-SFR") Bonds authorized, approved and issued to date are listed below.

SO-SFR Bonds have been issued pursuant to the Special Obligation Indenture of Trust, dated as of January 1, 1997, between the University as Issuer and U.S. Bank N.A. as successor to State Street Bank & Trust as Trustee ("the Special Obligation Master Indenture"). The Board of Trustees approved the Master Indenture on November 8, 1996. The University's Board of Trustees and the Governor approve the subsequent Supplemental Indentures for each Special Obligation bond issue.

There have been six bond issues, including three refundings, pursuant to the Student Fee Revenue Bond Indenture that are not secured by the State's DSC. The University and the Office of the State Treasurer, working in conjunction, manage the Special Obligation Bond sale process. UCONN 2000 SO-SFR Bonds issued to date are summarized below:

UCONN 2000 SO-SFR Bonds

Date of Issue	Par Amount	TIC (1)	Bond Issue
February 4, 1998	\$ 33,560,000	5.08%	1998 Series A (2)
June 1, 2000	\$ 89,570,000	6.02%	2000 Series A (2)
February 14, 2002	\$ 75,430,000	4.94%	2002 Series A (2)
February 27, 2002	\$ 96,130,000	4.89%	Refunding 2002 Series A
June 16, 2010	\$ 47,545,000	3.14%	Refunding 2010 Series A
December 13, 2012	\$ 87,980,000	2.44%	Refunding 2012 Series A

- TIC is the true interest cost reflecting the interest rate for the time value of money across an entire bond issue. The UCONN 2000 Special Obligation Bonds are generally issued for an approximate 30-year final maturity, compared to a 20-year final maturity for the GO-DSC Bonds; hence the TIC may appear relatively higher for Special Obligation Bonds.
- (2) All of the new money bonds are no longer outstanding.

On February 4, 1998, the University issued \$33,560,000 of UCONN 2000 Student Fee Revenue 1998 Series A Bonds with a final maturity of November 15, 2027. The Special Obligation First Supplemental Indenture was also dated January 1, 1997 and authorized the issuance of bonds up to a principal amount not to exceed \$30,000,000 for construction of the South Campus Residence and Dining Hall, plus amounts necessary to fund a Special Capital Reserve Fund ("SCRF") and provide for costs of issuance. The University managed the issuance and sale of these bonds and realized a favorable true interest cost over the term. Debt service for these bonds is paid from pledged revenues as further defined in the Indenture of Trust. Such pledged revenues also help support future operation and maintenance costs for facilities built or renovated through UCONN 2000.

On June 1, 2000, the University issued \$89,570,000 of the UCONN 2000 Student Fee Revenue 2000 Series A Bonds pursuant to the Special Obligation Master Indenture and the SO-SFR Bonds Second Supplemental Indenture dated as of May 1, 2000. Bond proceeds funded \$87,000,000 of construction for the Hilltop Dormitory, Hilltop Student Rental Apartments, and Parking Garage South. They also provided for capitalized interest and costs of issuance. The \$89,570,000 Student Fee Revenue 2000 Series A Bonds were defeased in substance on February 27, 2002, as further described below, and are no longer reflected as outstanding debt on the University's financial statements.

On February 14, 2002, the University issued \$75,430,000 of the UCONN 2000 Student Fee Revenue 2002 Series A Bonds pursuant to the Special Obligation Master Indenture and the SO-SFR Bonds Fourth Supplemental Indenture dated as of November 16, 2001. Bond proceeds funded \$72,180,000 of construction for the Alumni Quadrant Renovations, Shippee/Buckley Renovations, East Campus North Renovations, Towers Renovations (including Greek Housing), and North Campus Renovations (including North Campus Student Suites and Apartments).

Special Obligation Student Fee Revenue Bonds - Projects

To date, nine projects have been authorized to receive \$189,180,000 of the UCONN 2000 SO-SFR Bond proceeds (some of these projects were also supported by General Obligation bonds or other funding) as follows:

Special Obligation Bonds	Authorized &
Special Obligation Bonds	<u>Issued</u>
Alumni Quadrant Renovations (1)	\$ 7,000,000
East Campus North Renovations (1)	1,000,000
Hilltop Dormitory New	21,000,000
Hilltop Student Rental Apartments	42,000,000
North Campus Renovation (including North Campus Student Suites &	
Apartments) (1)	45,000,000
Parking Garage-South (1)	24,000,000
Shippee/Buckley Renovations	5,000,000
South Campus Complex	30,000,000
Towers Renovations (including Greek Housing) (1)	14,180,000
Total	\$189,180,000

⁽¹⁾ Also partially funded with proceeds of the University's General Obligation bonds.

Special Obligation Student Fee Revenue Bonds - Refunding

Pursuant to Section 10a-109m of the Connecticut General Statutes, the University may issue refunding securities. The University achieved a total of \$44.8 million in gross debt service savings (\$34.2 million net present value) for Connecticut taxpayers by issuing three series of SO-SFR Refunding Bonds as follows.

On February 27, 2002, the University achieved debt service savings of \$3,553,672 on a gross cash debt service savings basis or \$2,383,106 on a net present value basis (3.036% savings over refunded bonds debt service) through its issuance of \$96,130,000 of the UCONN 2000 Student Fee Revenue Refunding 2002 Series A Bonds. The bonds were issued pursuant to the Special Obligation Master Indenture and the SO-SFR Bonds Third Supplemental Indenture, dated as of February 1, 2002. Proceeds were used to take advantage of favorable market conditions to advance refund and defease in substance all of the \$89,570,000 of Student Fee Revenue 2000 Series A Bonds outstanding. Proceeds were deposited with the Trustee bank in an irrevocable escrow fund sufficient to satisfy future debt service and call premiums on the prior issue.

On June 16, 2010, the University achieved debt service savings of \$9,479,927 on a gross cash debt service savings basis or \$7,211,753 on a net present value basis (9.915% savings over refunded bonds debt service) (including the free up of \$2,126,425 of SCRF amounts), through its issuance of \$47,545,000 of the UCONN 2000 Student Fee Revenue Refunding 2010 Series A Bonds. The bonds were issued pursuant to the Special Obligation Master Indenture and the SO-

SFR Bonds Third Supplemental Indenture, dated as of February 1, 2002. Proceeds were used to take advantage of favorable market conditions to refund, advance refund and defease in substance \$51,305,000 of prior bonds (including \$25,140,000 of the Student Fee Revenue 1998 Series A Bonds and \$26,165,000 of the Student Fee Revenue 2002 Series A Bonds outstanding). The par amount of \$47,545,000 plus \$4,267,926 of the original issue premium and \$2,126,425 from the 1998 Special Capital Reserve Fund release were deposited with the Trustee bank in a \$53,939,351.28 irrevocable escrow fund to satisfy future debt service and call premiums on the prior issues.

On December 13, 2012 the University achieved debt service savings of \$31,861,282.50 on a gross cash debt service savings basis or \$26,701,078.58 on a net present value basis (25.2% savings over refunded bonds debt service) spanning fiscal years 2013 thru 2030 by issuing \$87,980,000 of the UCONN 2000 Student Fee Revenue Refunding 2012 Series A Bonds. We achieved a stunning Total Net Present Value Savings of \$26,701,078.58 or 25.2% of the refunded principal. Working in conjunction with the Office of the State Treasurer, the University negotiated a remarkable all in True Interest Cost of 2.48 % which is the lowest interest rate for a single bond issue in the history of the program. We refunded \$106,030,000 of prior bonds including \$32,430,000 of the SO-SFR 2002A new money bonds (all of the outstanding), and \$73,600,000 of the SO-SFR Refunding 2002 A bonds (all of the outstanding). The par amount of \$87,980,000 plus \$19,690,291.67 of the original issue premium were deposited with the Trustee bank in a \$107,670,291.67 irrevocable escrow fund to satisfy future debt service and call premiums on the prior issues. The bonds were issued pursuant to the Special Obligation Master Indenture and the Special Obligation Student Fee Revenue Bonds Third Supplemental Indenture, dated as of February 1, 2002.

<u>UCONN 2000 Heating Plant Upgrade-Cogeneration Facility Tax-Exempt Governmental Lease Purchase Agreement</u>

The Board of Trustees authorized \$81,900,000 of UCONN 2000 debt in the form of a Tax-Exempt Governmental Lease Purchase Agreement secured by the University's general obligation for the Cogeneration facility portion of the UCONN 2000 Heating Plant Upgrade project.

This \$81,900,000 of UCONN 2000 debt was not issued under the UCONN 2000 General Obligation or Special Obligation Indentures of Trust, but was entered into under certain separately negotiated documents and agreements in two parts. On December 18, 2003, the University entered into a privately placed \$75,000,000 Tax-Exempt Governmental Lease Purchase Agreement with a reported nominal interest rate of 4.42% compounded monthly to finance the design and construction of a combined heat and power plant. On August 15, 2005, the University amended the agreement for an additional borrowing of up to \$6,900,000 at a 5.09% interest rate compounded monthly (resulting in a combined interest rate of approximately 4.5%).

The Heating Plant Upgrade project is a named project under UCONN 2000. The cogeneration facility is a linchpin of the University's commitment to energy efficiency and generates much of the needs for electrical power, heating and cooling on the Storrs campus. Cost avoidance achieved through the construction and operation of the facility is expected to provide funds to pay the debt service. An earlier phase of the Heating Plant Upgrade project was funded with UCONN 2000 GO-DSC Bonds as listed above.

The Tax-Exempt Governmental Lease Purchase Agreement is not rated by the credit rating agencies but, as UCONN 2000 debt, it is weighted in their credit rating analysis of the UCONN 2000 General Obligation and Special Obligation programs.

During July 2013, the University achieved gross debt service savings of \$5.2 million by negotiating a lower interest rate amendment to the UCONN 2000 Heating Plant Upgrade-Cogeneration Facility Tax-Exempt Governmental Lease Purchase Agreement. The interest rate was lowered, effective in the August 29, 2013 monthly payment, from 4.42% on the original \$75 million loan, and 5.09% on the original \$6.9 million loan, to 3.22% on both. The combined remaining balance of the loans was approximately \$59 million. The amendment will produce combined gross nominal debt service savings of \$5,168,392.06 million or \$3,238,326.69 (4.2%) on a net present value basis over the remaining 12 years and 5 months of the original financing.

<u>UCONN 2000 Residential Life Facilities – Nathan Hale Inn Promissory Taxable Note</u> On April 29, 2015, the Board of Trustees authorized \$5,500,000 of UCONN 2000 debt in the form of a taxable Promissory Note secured by the University's general obligation for that portion of the UCONN 2000 Residential Life Facilities project used to purchase the Nathan Hale Inn on the Storrs Campus. The Governor approved the financing on May 19, 2015.

On July 1, 2015, with Webster Bank the University entered into a privately placed \$5,376,712.73 principal amount at a 6.84% interest rate known as "UCONN 2000 Residential Life Facilities (Nathan Hale Inn) Promissory Note (Taxable)" which was secured by the general obligation of the University with an approximate 18-month maturity (August 1, 2015 to December 1, 2016). The note's debt service payments are \$44,989.20 monthly with a balloon payment due on December 1, 2016. The UCONN 2000 Residential Life Facilities (Nathan Hale Inn) Promissory Note (Taxable) was issued pursuant to certain separately negotiated (by the University with Webster Bank) documents and agreements. UCONN 2000 bond counsel reviewed the process. The note was not issued pursuant to the UCONN 2000 General Obligation or Special Obligation Indentures of Trust.

UCONN 2000 DEBT SERVICE

Pursuant to Section 10a-109x of the Connecticut General Statutes, the Semiannual Report to the General Assembly is to list the payment of debt service requirements and the payment of principal and interest on the UCONN 2000 securities.

DEBT SERVICE: General Obligation Bonds

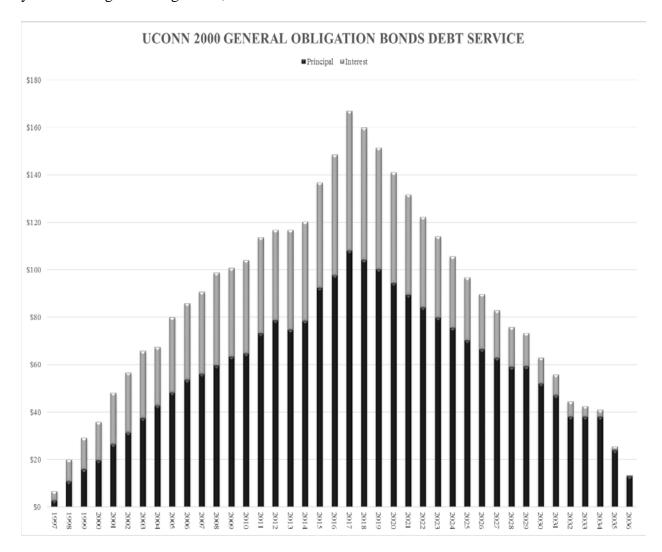
The State General Fund pays the debt service and any arbitrage rebate due on the University's GO-DSC Bonds. The University pays the debt service on the SO-SFR Bonds from its own resources. As of June 30, 2016:

- Since the program's inception in 1996, total UCONN 2000 GO-DSC debt service (which is paid by the state) amounted to \$3,441.0 million, representing \$2,332.9 million of principal and \$1,108.1 million of interest (including the Refunding Bonds but net of refunded debt).
- Of this amount, debt service of \$1,643.4 million, representing \$1,029.0 million of principal and \$614.4 million of interest (including capital appreciation bonds) has been paid.

• Future debt service requirements at this time amount to \$1,797.5 million representing \$1,303.9 million of principal and \$493.6 million of interest (including capital appreciation bonds).

For the fiscal year ending June 30, 2016, the DSC paid for the University's GO-DSC Bonds amounted to \$148.4 million (representing \$97.5 million of principal and \$50.9 million of interest).

As of June 30, 2016, the following graph shows UCONN 2000 GO-DSC debt service by fiscal year including refunding issues, but net of refunded.



DEBT SERVICE: Special Obligation Student Fee Revenue Bonds

The University is responsible for paying the debt service and any arbitrage rebate due on its Special Obligation debt. All other things equal, the Special Obligation bonds incur proportionally more interest expense because they are generally issued for terms of up to approximately thirty years compared to twenty years for the GO-DSC Bonds. The longer maturities generally represent the cost of the assets financed by the bonds being spread over the student populations utilizing the assets.

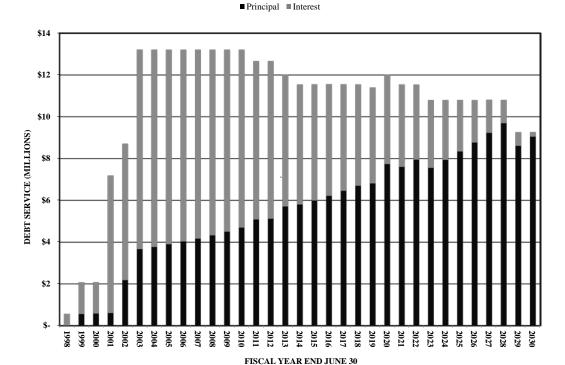
As of June 30, 2016:

- Total UCONN 2000 SO-SFR debt service (which is paid by the University) amounted to \$351.3 million, representing \$183.3 million of principal and \$168.0 million of interest (including the SO-SFR Refunding 2002, 2010 and 2012 Series A Bonds but net of refunded debt service).
- Of this amount, the University had paid debt service of \$198.3 million representing \$70.9 million of principal and \$127.4 million of interest.
- Debt service remaining totals \$152.9 million comprising \$112.4 million of principal and \$40.5 million of interest (including capital appreciation bonds).

For the fiscal year ending June 30, 2016, the University paid, from its own resources, SO-SFR Bond debt service of \$11.5 million (representing \$6.2 million of principal and \$5.3 million of interest).

As of June 30, 2016, the following graph shows UCONN 2000 SO-SFR Bond debt service by fiscal year including refunding issues, but net of refunded.

UCONN 2000 SPECIAL OBLIGATION STUDENT FEE REVENUE BONDS DEBT SERVICE



<u>DEBT SERVICE: UCONN 2000 Heating Plant Upgrade-Cogeneration Facility Tax-</u> Exempt Governmental Lease Purchase Agreement

The University is responsible for paying the debt service and any arbitrage rebate for the Tax-Exempt Governmental Lease Purchase Agreements. The two financing tranches provided \$81,900,000 of funding for a cogeneration facility for the UCONN 2000 Heating Plant Upgrade project. Tax-Exempt Governmental Lease Purchase Agreement debt service payments commenced on January 29, 2006.

Originally debt service was to be paid in 240 monthly installments of approximately \$517,135 (which over the life of the financing would have totaled \$124,112,424 comprising \$42,212,424 of interest and \$81,900,000 of principal).

During July 2013, the University refinanced the agreement. The amended agreement at the lower rate provides for the remaining 149 monthly installments to be lowered to approximately \$482,448, which over the life of the financing, totals to debt service of \$118,944,031 comprising \$37,044,031 of interest and \$81,900,000 of principal.

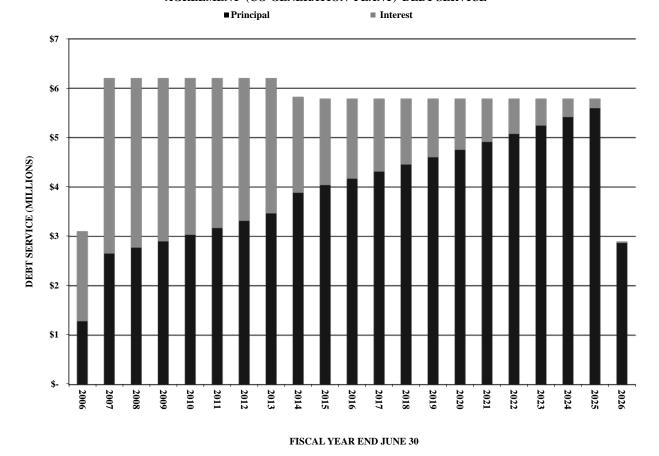
As of June 30, 2016:

- Total UCONN 2000 Heating Plant Upgrade Tax-Exempt Governmental Lease Purchase Agreement debt service (which is paid for by the University) amounted to \$118.9 million representing \$81.9 million of principal and \$37.0 million of interest, (post refinancing to lower rate).
- The University had paid down the Tax-Exempt Governmental Lease Purchase Agreement debt service by \$63.9 million representing \$34.7 million of principal and \$29.2 million of interest.
- Remaining debt service amounts to \$55.0 million representing \$47.2 million of principal and \$7.8 million of interest.

For the fiscal year ending June 30, 2016, the University paid from its own resources Tax-Exempt Governmental Lease Purchase Agreement debt service of \$5.8 million (representing \$4.2 million of principal and \$1.6 million of interest).

As of June 30, 2016, the following graph shows the UCONN 2000 Heating Plant Upgrade Tax-Exempt Governmental Lease Purchase Agreement (for the cogeneration plant) debt service by fiscal year.

UCONN 2000 HEATING PLANT UPGRADE - GOVERNMENTAL LEASE PURCHASE AGREEMENT (CO-GENERATION PLANT) DEBT SERVICE



<u>DEBT SERVICE: UCONN 2000 Residential Life Facilities (Nathan Hale Inn) Promissory</u> Note Taxable

Based on the amortization schedule supplied by Webster Bank as of June 30, 2016:

- Total Residential Life Facilities (Nathan Hale Inn) Promissory Note (Taxable) debt service (which is paid for by the University) amounted to \$5.9 million representing \$5.4 million of principal and \$.5 million of interest,
- The University is scheduled to have paid down the Residential Life Facilities (Nathan Hale Inn) Promissory Note (Taxable) debt service by \$494.9 thousand (representing \$156.1 thousand of principal and \$338.8 thousand of interest).
- Remaining debt service amounts to \$5.4 million (representing \$5.2 million of principal and \$.2 million of interest).

Investment of Debt Proceeds - Management, Investment and Earnings

The proceeds of the sale by the University of any bonds are part of the Trust Estate established under the General Obligation Master Indenture of Trust with the Trustee Bank as security for bondholders. Consequently, the University holds all of the bond proceeds at the Trustee Bank, with this exception: the Costs of Issuance account funded by the University's GO-DSC Bonds may be held and invested by the State Treasurer's Office in a segregated account. The Special

Obligation Master Indenture has similar Trust Estate provisions. The Trustee Bank holds all of the Special Obligation bond proceeds received at issuance including the Costs of Issuance account.

Prior to June 1998, all UCONN 2000 GO-DSC Bond proceeds were deposited with the Office of the State Treasurer and treated like state bond proceeds, including payments made to vendors through the Office of the State Comptroller. Subsequently, the Office of the Attorney General opined that the University, and not the State, issues UCONN 2000 bonds. Accordingly, upon advice of bond counsel and in conformity with the Master Indenture of Trust, GO-DSC Bond construction fund proceeds were deposited to the Trustee Bank and disbursed as directed by the University pursuant to the Indenture. The UCONN 2000 GO-DSC Bond proceeds for costs of issuance are still treated like State bond proceeds and deposited with the Office of the State Treasurer and disbursed through the Office of the State Comptroller.

The Indentures of Trust provide that the University is authorized and directed to order each disbursement from the Construction Account held by the Trustee upon a certification filed with the Trustee bank and, in the case of the DSC bonds, the State Treasurer. The Indentures provide that such certification shall be signed by an Authorized Officer of the University and include certain disbursement information. Once the Authorized Officer certification filings are made, the University can directly disburse payments.

The investment of tax-exempt debt proceeds is heavily regulated by the Internal Revenue Service, the relevant Indentures of Trust with bondholders, Connecticut law, and other regulatory restrictions. In addition to meeting those requirements, the University's general investment policy is to balance an appropriate risk-return level, heavily weighted towards safety of assets, with estimated cash flow needs and liquidity requirements. The University is also mindful that the rating agencies, bond buyers, and bond insurers often weigh the quality of an issuer's investment portfolio.

Bond proceeds form part of the Trust Estate established with the Trustee Bank as security for bondholders. To date, the University has directed the Trustee Bank to invest any DSC construction fund proceeds in the State Treasurer's Short Term Investment Fund ("STIF") which is "AAAm" rated by Standard and Poor's and offers daily liquidity and historically attractive risk-adjusted yields. The State Treasurer's Office wishes to hold and invest the University's GO-DSC funded Costs of Issuance account, a much smaller account.

The GO-DSC Refunding, 2004, 2006, 2007, 2010, 2011, 2013, 2014, 2015 and 2016 Series A Bond proceeds, other than the costs of issuance, are/were deposited with by the Trustee Bank to immediately redeem bonds or invest in irrevocable escrow funds, which are invested in U.S. Treasury Securities and/or U.S. Treasury State and Local Government Securities ("SLGS") and cash pursuant to the indenture and respective Escrow Agreements.

It has been the University's practice to invest all of the Special Obligation new money bond proceeds, including the debt service funds, in dedicated STIF accounts, with the exception of the 1998 Special Obligation Special Capital Reserve Fund which at times had also been invested in longer term "AAA" rated federal agencies' fixed income Investment Obligations as defined in the Special Obligation Indenture of Trust.

The SO-SFR Refunding 2002, 2010 and 2012 Series A Bond proceeds, other than the costs of issuance and debt service accounts that were invested in STIF, were deposited with the Trustee Bank in their respective irrevocable Escrow Accounts, which were invested in U.S. Treasury State and Local Government Securities ("SLGS"), and cash pursuant to the Escrow Agreement.

The University's GO-DSC Bond proceeds investment earnings are retained and recorded by the State Treasurer's Office and do not flow to the University or to the Trustee Bank. The University's Special Obligation bond investment earnings are part of the pledged revenues and are directly retained by the Trustee Bank to pay debt service on the bonds, and may also be used to flow to other Trustee bond accounts, if necessary, pursuant to the Indenture of Trust. Fiscal year end June 30, 2016, UCONN 2000 SO-SFR Bond funds (not including the refunding escrows) investment earnings amounted to \$1,520.34 (cash basis).

Investment earnings on the SO-SFR Bonds Refunding Escrow Accounts flow to their respective irrevocable escrows and are used by the Trustee Bank to meet debt service payments and redeem the defeased bonds. Similarly, investment earnings on the GO-DSC Refunding Escrow Accounts flow to each respective irrevocable escrows and are used by the Trustee Bank to meet debt service payments and redeem the defeased bonds.

On December 29, 2005, the University received \$15,847,241.65 representing the last advance of the \$81,900,000 of funds to the University under the Tax-Exempt Governmental Lease Purchase Agreement for the Heating Plant Upgrade Cogeneration facility. These funds, and the related investment income, are for uses related to the Cogeneration financing and were deposited in a dedicated STIF account. During December 2006, part of the remaining proceeds, representing the initial December 18, 2003 financing, was yield restricted by investing it in a dedicated Tax Exempt Proceeds Fund. All of the Tax-Exempt Governmental Lease Purchase Agreement proceeds have been spent.

Future UCONN 2000 Debt Issuance

The University has issued the entire \$962 million of UCONN 2000 Phase I & II authorizations for the General Obligation bonds secured by the State's DSC.

UCONN 2000 Phase III, as amended, provides for an additional \$3,320,900,000 of funding with University General Obligation bonds secured by the State's DSC. As of June 30, 2016, \$1,984,400,000 of Phase III has been authorized by the Board of Trustees pending the authorization of the Office of the Governor, of which \$452,400,000 is authorized but unissued. Additionally, during the spring of 2017, the University tentatively plans to issue new money UCONN 2000 GO-DSC Bonds. From time to time, the University might also issue other new money and/or refunding bonds for its General Obligation or Special Obligation bond programs.

At this time there are no Board of Trustee authorizations to issue Special Obligation bonds for UCONN 2000 projects. However, the University has in the past and could again issue Special Obligation securities for certain projects that have a financial self-sufficiency capacity and/or if aggregate pledged revenues are sufficient to meet requirements of the Special Obligation Indenture. Additionally, while there are no new Board of Trustee authorizations at this time, the University could enter into other types of tax-exempt or taxable financings pursuant to the UCONN 2000 Act. Market conditions and other factors could also lead to the issuance of refunding debt for General Obligation, Special Obligation, or other debt in the future.

Credit Ratings

Since the inception of UCONN 2000, the University's bonding program has experienced a favorable credit rating history, including several credit rating upgrades.

The capital markets have recognized the tangible benefits to the state's economy of meeting the infrastructure and educational goals of the program, as well as the University's success in implementing them. A high quality credit rating not only provides the state and the University with less expensive access to the capital markets but also supports the state's quality reputation among investors. A University milestone occurred in 2002 with the achievement of the high-grade "double A" credit-rating category from Moody's Investors Service for both its General Obligation and Special Obligation bonds.

As of June 30, 2016, the UCONN 2000 GO-DSC Bonds were rated "AA-" by Standard & Poor's; "Aa3" by Moody's Investors Service, and "A+" by Fitch Investors Service. It is a strong vote of confidence in the University that Moody's and Standard & Poor's ranks these bonds as high as the State's General Obligation Bonds.

The UCONN 2000 Special Obligation Bonds were rated "AA-" by Standard & Poor's and "Aa2" by Moody's Investors Service. Fitch Investors Service does not have an underlying rating for the University's Special Obligation bonds.

In addition to the underlying credit ratings, in the past municipal bond insurance from FGIC, MBIA and FSA have secured certain maturities of several of the above bond issues. Originally, the insurance provided "AAA" credit ratings. In the past few years the bond insurers experienced a series of downgrades and other changes. At times, this has resulted in the UCONN 2000 bonds underlying credit ratings exceeding the credit ratings for certain bond insurers. As a result, people are advised to check with the credit rating agencies for the most recent bond insurer ratings.

UCONN 2000 Debt Reflected On Audited Financial Statements

UCONN 2000 financings are debt obligations of the University, as the issuer, and are reflected on UConn's financial statements accordingly. For example, the Special Obligation bonds, the Tax-Exempt Governmental Lease Purchase Agreement, and the UCONN 2000 Residential Life Facilities (Nathan Hale Inn) Promissory Note (Taxable) debt are shown as liabilities on the University's financial statements and the related capital improvements are shown as assets. The University is the issuer and ultimately responsible for the UCONN 2000 General Obligation Bonds which also fund certain assets at UConn Health, and consequently are also partially reflected on UConn Health's financial statements as further discussed below.

Phase III of the Act authorizes the University to fund projects for the UConn Health with, among other sources, UCONN 2000 GO-DSC Bonds and the University has done so. Accordingly, the UCONN 2000 GO-DSC Phase III project proceeds and any unspent debt proceeds are reflected on both UConn's and UConn Health's financial statements. As bonds are issued, the amount of the commitment for UConn Health is recorded as an offset to revenue on UConn's financial statements in the University's Other Changes in Net Position section of the Statements of Revenues, Expenses, and Changes in Net Position. A corresponding liability is recorded in due to affiliate in UConn's Statement of Net Position for the unspent portion of the bonds due to UConn Health. Correspondingly, UConn Health records that portion of UCONN 2000 bond

issuance proceeds for UConn Health in the capital appropriation line in UConn Health's Statements of Revenues, Expenses, and Changes in Net Position. A corresponding receivable is recorded for the unspent portion of the bonds. The State's DSC for interest on the UCONN 2000 General Obligation bonds is included in Non-Operating Revenues (Expenses) section of the Statements of Revenues, Expenses, and Changes in Net Position.

UCONN 2000: Private Financial Support

For fiscal year 2016, the Foundation raised \$78 million in new gifts and commitments, \$21 million designated to endowed accounts and \$57 million restricted. The number of donors was 24,706.

Significant Recent Commitments

- Eversouce Energy pledged \$9 million to the School of Engineering
- John Templeton Foundation pledged \$5.7 million to the College of Liberal Arts and Sciences
- UCONN Alumni Association donated \$5.2 to support scholarships and alumni relations
- Synchrony Financial pledged \$2.2 million to the School of Engineering

UCONN 2000 IN CYBERSPACE

Information about UCONN 2000 is available on the World Wide Web via the UCONN 2000 home page. The address: http://reports.uconn.edu/uconn2000reports/

The website contains all previous legislative updates to the Governor and the General Assembly (Progress Reports), the four-year Progress Report, the original UCONN 2000 proposal and UCONN 2000 project updates.

250,000

FY17 Capital Budget Approved Projects

Project Name	Phase III - FY17
Academic and Research Facilities	6,476,861
Arjona and Monteith	1,500,000
Deferred Maintenance/Code Compliance/ADA Compliance/	
Infrastructure Improvements & Renovation Lump Sum	54,683,346

54,683,346 provements & Renovation Lump Sum 17,406,970 **Engineering Building** Equipment, Library Collections & Telecommunications 9,000,000 Fine Arts Phase II 5,544,998 Hartford Relocation Acquisition/Renovation 68,424,318 Heating Plant Upgrade 1,806,897 Jorgensen Renovation 200,000

Residential Life Facilities 13,570,333 Stamford Campus Improvements/Housing 426,277 Subtotal of Storrs & Regional Campuses 179,290,000

UCONN 2000 - UConn Health

Parking Garage #3

UCONN 2000 - Storrs & Regional Campuses

Project Name	<u>Pł</u>	nase III - FY17
Deferred Maintenance/Code/ADA Renovation Sum		2,010,972
Equipment, Library Collections & Telecommunications		2,250,000
Main Building Renovation		22,679,657
Medical School Academic Building Renovation		4,599,988
UCH New Construction and Renovation		29,569,383
Subtotal of UConn Health	\$	61,110,000

Total UCONN 2000 Bond Funds 240,400,000

Other UConn Funds

Energy Services Performance Contract - Phase I	16,452,000
Recreation Center	7,000,000
Residential Life & Dining Services Facility Improvements	4,000,000
Nathan Hale Acquisition	4,700,000
Contingency	2,000,000
Total Other UConn Funds	\$ 34,152,000

Grand Total FY17 Capital Budget 274,552,000

UCONN 2000 Phase III Project List State Debt Service Commitment

Project		Amount
Storrs and Regional Campus Projects		
Academic and Research Facilities	\$	510,200,528
Arjona and Monteith (new classroom buildings)	·	129,587,893
Avery Point Campus Undergraduate & Library Building		10,461,246
Avery Point Renovation		8,695,227
Beach Hall Renovations		5,396,957
Benton State Art Museum (Completion Addition)		2,903,509
Biobehavioral Complex Replacement		3,589,141
Bishop Renovation		3,827,302
Commissary Warehouse		-
Deferred Maintenance/Code Compliance/ADA Compliance/Infrastructure		
Improvements & Renovation Lump Sum		804,595,378
Engineering Building		94,413,547
Equipment, Library Collections & Telecommunications		299,200,308
Family Studies (DRM) Renovation		2,868,306
Farm Buildings Repairs/Replacement		6,408,304
Fine Arts Phase II		28,564,832
Floriculture Greenhouse		6,691,799
Gant Building Renovations		13,231,018
Gentry Completion		9,628,209
Hartford Relocation Acquisition/Renovation		140,000,000
Heating Plant Upgrade		30,646,897
Incubator Facilities		-
Intramural, Recreational & Intercollegiate Facilities		31,009,921
Jorgensen Renovation		3,934,475
Koons Hall Renovation/Addition		1,530,057
Lakeside Renovation		3,800,000
Law School Renovations/Improvements		16,766,343
Library Storage Facility		-
Manchester Hall Renovation		846,302
Mansfield Training School Improvements		6,410,657
Natural History Museum Completion		500,000
North Hillside Road Completion		8,200,000
North Superblock Site and Utilities		-
Observatory		-
Old Central Warehouse		126,000
Parking Garage #3		69,453,082
Psychology Building Renovation/Addition		24,337,399
Residential Life Facilities		172,740,899
School of Pharmacy		6,000,000
Stamford Campus Improvements		11,333,703
Storrs Hall Addition		14,664,091
Student Health Services		-
Student Union Addition		13,000,000

Project	Amount
Support Facility (Architectural & Engineering Services)	16,583
Torrey Renovation Completion & Biology Expansion	14,242,719
Torrington Campus Improvements	369,156
UCONN Products Store	-
Waterbury Downtown Campus	1,893,022
West Hartford Campus Renovations/Improvements	6,774,305
Young Building Renovation/Addition	24,140,884
UConn Health Projects	
CLAC Renovation Biosafety Level 3 Lab	\$ 16,835,000
Deferred Maintenance/Code/ADA Renovation Sum-Health Center	47,552,989
Dental School Renovation	3,525,000
Equipment, Library Collections & Telecommunications-Health Center	68,429,390
Library/Student Computer Center Renovation	1,266,460
Main Building Renovation	120,105,675
Medical School Academic Building Renovation	39,047,488
Parking Garage - Health Center	-
Planning & Design Costs	25,000,000
Research Tower	68,580,997
Support Building Addition/Renovation	100,000
UCH New Construction and Renovation	387,457,001
Total - Storrs and Regional Campus Project List	\$ 2,543,000,000
Total - UConn Health Project List	777,900,000
TOTAL	\$ 3,320,900,000 *

^{*}Total may be financed with bonds secured by the State's debt service commitment.

EXHIBIT C

POLICIES: SELECTION AND ACQUISITION OF PROFESSIONAL SERVICES

Section 10a-109d (5) of the Connecticut General Statutes authorizes the University to contract with professionals to plan, design and supervise UCONN 2000 projects and other capital projects.

- 1. The Executive Vice President for Administration and Chief Financial Officer has the responsibility for the administration of these policies. Authority for their implementation may be delegated to appropriate operating departments and/or individuals.
- 2. A selection committee shall be appointed to select professional services for each project in accordance with university policies and procedures.
- 3. The selection committee shall develop the rating and evaluation criteria.
- 4. The contract shall be negotiated in consultation with the University Master Planner and Chief Architect or with the Associate Vice President for Campus Planning Design and Construction for the Health Center.
- 5. Changes in scope that affect the cost of the project must be approved by the Executive Vice President for Administration and Chief Financial Officer, or as delegated to appropriate operating departments and/or individuals.

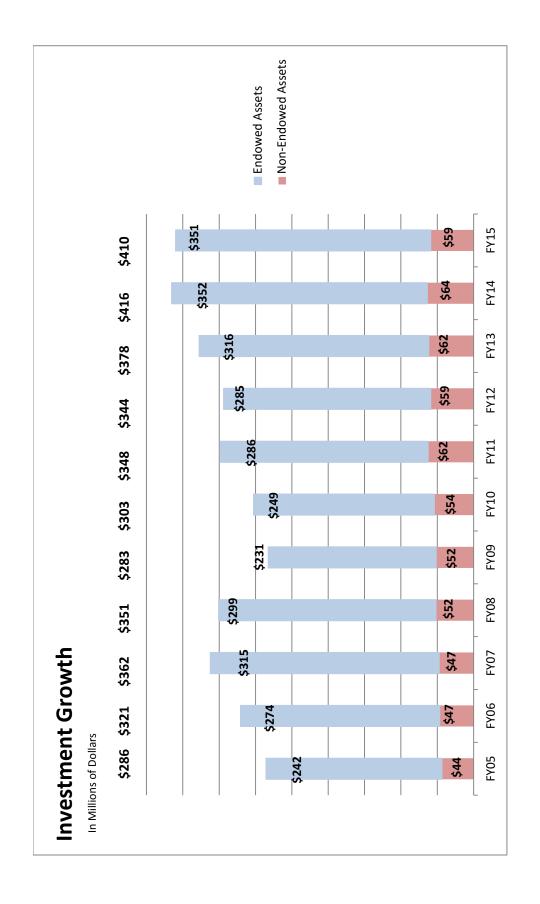
EXHIBIT D

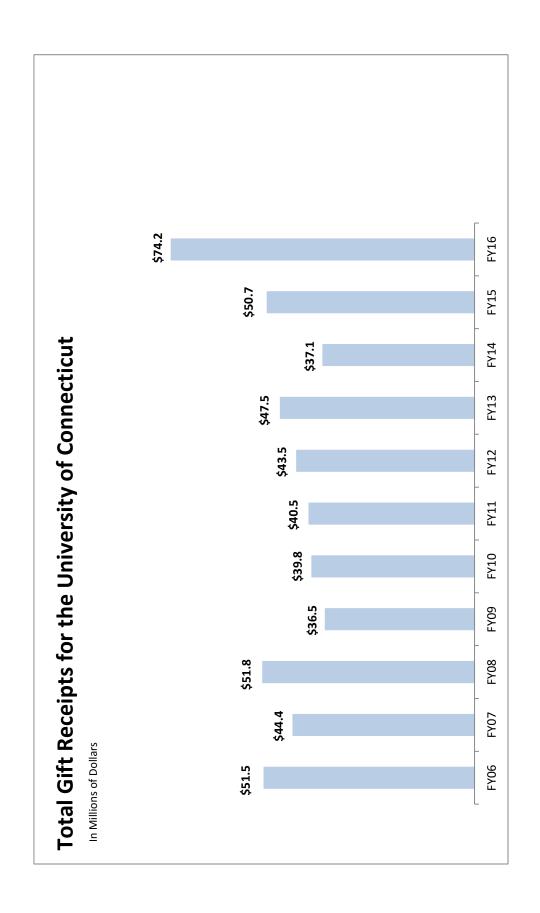
POLICIES: PRE-QUALIFICATION AND SELECTION OF CONTRACTORS

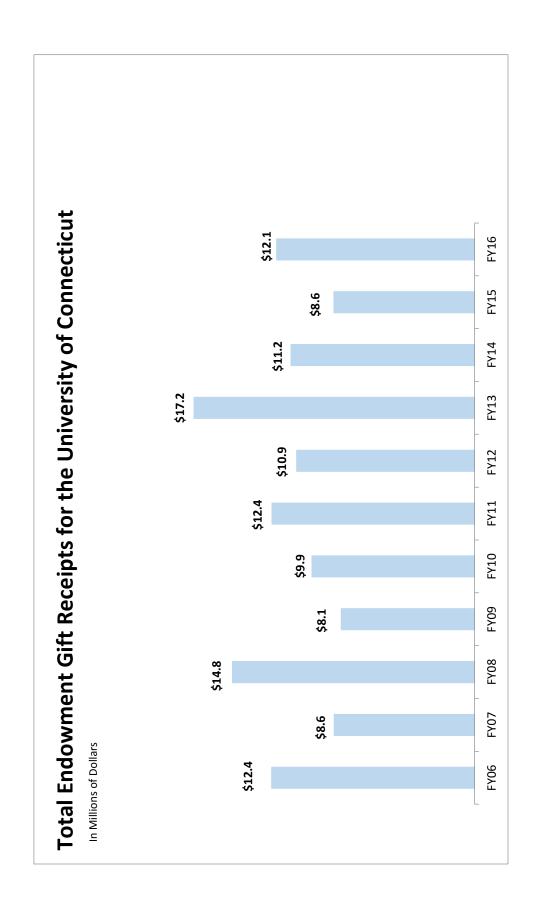
Section 10a-109n (c) (2) of the Connecticut General Statutes authorizes the University to contract with construction firms for the building of UCONN 2000 projects and other capital projects.

- 1. The Executive Vice President for Administration and Chief Financial Officer has the responsibility for the administration of these policies. Implementing authority may be delegated to appropriate operating departments.
- 2. Pre-qualification shall be required of all bidders for projects over \$100,000.
- 3. Objective written criteria for pre-qualification of firms shall be developed.
- 4. A list of pre-qualified contractors shall be developed on a project basis. Firms will be evaluated on written criteria, including but not limited to: (1) the firm's previous experience with similar projects, (2) the firm's financial ability to complete the project, (3) the firm's ability to post surety bonds, (4) evaluation of the firm's integrity, (5) a determination that the firm has no conflict of interest in connection with the project, (6) technical ability, (7) managerial ability and (8)whether a contractor or one of their subcontractors on one of their previous projects has been in compliance with the provisions of Part III of Chapter 557 and Chapter 558 during the previous five calendar years.
- 5. Pre-qualified firms shall be invited to bid upon a specific contract. Contracts shall be awarded to the lowest responsible bidder who conforms to the University's standards for the project.
- 6. If it is in the best interest of the University and the State of Connecticut, all bids may be rejected and the contracting process reopened.
- 7. The University may negotiate with any pre-qualified contractor that is currently under contract for incorporation work under exigent circumstance. This new work need not be related to the original contract. The new work shall be of a similar nature as the basic contract.
- 8. Exigent circumstances include work necessary to:
 - a. Prevent loss of grant income or other revenue
 - b. Produce additional revenue or grant income
 - c. Insure renovations are complete for new faculty and staff members
 - d. Provide for safety and health of the University Community
 - e. Comply with any Federal or State laws or regulations

- f. Insure timely and orderly completion of UCONN 2000 or 21st Century UConn Projects.
- 9. The Executive Vice President for Administration and Chief Financial Officer shall approve use of the exigency provision for an individual job based upon a written recommendation from the University Master Planner and Chief Architect or by the Associate Vice President for Campus Planning Design & Construction as designee for the Health Center
- 10. The negotiations may be conducted with any contractor or contractors currently performing one of the following types of contracts; lump sum, design build or construction manager at risk.
- 11. The University Master Planner and Chief Architect or by the Associate Vice President for Campus Planning Design & Construction as designee for the Health Center will prepare a price negotiations memorandum detailing the basis for the award.
- 12. The Executive Vice President for Administration and Chief Financial Officer shall also stipulate whether the added work shall be incorporated into the contract by change order or be consummated as a new contract.







PROJECT FUND SOURCES & STATUS: UCONN 2000 - PHASE I

								(5010)
Project Description	Total Project Funding*	UCONN 2000 DSC Bonds	University Revenue Bonds	Other State Bonds	Federal/Research Funds	Operating Funds	Private Funds	Project Status
Agriculture Biotechnology Facility	\$13,341,445	\$9,400,000		\$2,457,550	\$1,483,895			Complete
Avery Point Marine Science Research Center: Phase I	\$35,531,445	\$30,000,000		\$5,318,000		\$213,445		Complete
Babbidge Library	Project not funded in UCONN 2000.	n UCONN 2000.						
Benton State Art Museum Addition	\$2,322,839	\$700,000				\$30,313	\$1,592,526	Complete
Chemistry Building	\$56,862,291	\$53,062,000		\$3,691,144		\$109,147		Complete
Deferred Maintenance & Renovation Lumpsum A	\$40,798,260	\$40,798,260						Complete
Equipment, Library Collections & Telecommunications ^A	\$60,500,000	\$60,500,000						Complete
Gant Plaza Deck	\$5,458,000	\$3,516,000		\$1,942,000				Complete
Hartford Relocation Feasibility Study	Project not funded in UCONN 2000.	n UCONN 2000.						
Heating Plant Upgrade	\$11,157,272	\$9,969,000		\$700,000		\$488,272		Complete
Ice Rink Enclosure	\$4,044,001	\$3,280,000		\$222,407		\$541,594		Complete
Litchfield Agricultural Center: Phase I	\$1,515,682	\$1,000,000				\$515,682		Complete
Mansfield Apartments Renovation	\$2,784,899	\$2,071,000		\$713,899				Complete
North Superblock Site & Utilities	\$7,668,000	\$7,668,000						Complete
Northwest Quadrant Renovation:	\$2,001,000	\$2,001,000						Complete
Parking Garage - North	\$9,658,000	\$9,658,000						Complete
Pedestrian Spinepath & Walkways (aka Fairfield Road Pedestrian Mall)	\$6,074,000	\$6,074,000						Complete
School of Business	\$21,059,000	\$19,559,000					\$1,500,000	Complete
School of Pharmacy	\$3,956,000	\$3,856,000		\$100,000				Complete
South Campus Complex	\$48,339,432	\$12,251,000	\$30,000,000	\$2,621,219		\$3,467,213		Complete
Stamford Downtown Relocation: Phase I	\$72,374,188	\$55,781,472		\$14,000,000		\$2,592,716		Complete
Technology Quadrant: Phase IA	\$68,758,146	\$37,903,000		\$2,199,900		\$28,655,246		Complete
Underground Steam & Water Upgrade: Phase I	\$6,000,000	\$6,000,000						Complete
University Programs Building (aka Visitor's Center)	\$1,556,471					\$6,471	\$1,550,000	Complete
Waring Building Conversion	\$916,000	\$916,000						Complete
Waterbury Property Purchase	\$200,000	\$200,000						Complete
White Building Renovation	\$2,641,008	\$2,427,269		\$213,739				Complete
Wilbur Cross Building Renovation	\$3,409,000	\$3,409,000						Complete
Totals	\$488,926,378	\$382,000,000	\$30,000,000	\$34,179,858	\$1,483,895	\$36,620,099	\$4,642,526	

^{*} Reflects project funding received as of June 30, 2016.

 $^{^{\}mathsf{A}}$ In some cases, certain projects have been supplemented with other fund sources.

PROJECT FUND SOURCES & STATUS: UCONN 2000 - PHASE II

				,	!			(June 30, 2016)
Project Description	Total Project Funding*	UCONN 2000 DSC Bonds	University Revenue Bonds	Other State Bonds	Federal/Research Funds	Operating Funds	Private Funds	Project Status
Agricultural Biotechnology Facility Completion	\$13,707,876	\$3,000,000			\$8,676,360	\$2,031,516		Complete
Alumni Quadrant Renovations	\$18,183,624	\$11,183,624	\$7,000,000					Complete
Avery Point Marine Science Research Center: Phase II	\$7,254,246	\$7,254,246						Complete
Avery Point Renovation	\$4,875,717	\$4,875,717						Complete
Business School Renovation: Phase II	↔	\$7,958,470				\$270,457	\$2,678,314	Complete
Central Warehouse New	\$10,848,752	\$6,933,752		\$3,915,000				Complete
Deferred Maintenance & Renovation Lumpsum A	\$117,386,097	\$117,386,097						Complete
East Campus North Renovations	\$8,382,605	\$7,382,605	\$1,000,000					Complete
Equipment, Library Collections & Telecommunications A	\$105,812,000	\$105,812,000						Complete
Gant Plaza Deck	\$3,771,174	\$3,771,174						Complete
Gentry Renovation	\$10,446,418	\$9,664,597				\$723,921	\$57,900	Complete
Grad Dorm Renovations	\$2,928,228	\$2,928,228						Complete
Hilltop Dormitory New	\$21,009,042		\$21,000,000			\$9,042		Complete
Hilltop Dorm Renovations	\$8,456,164	\$8,176,529				\$279,635		Complete
Hilltop Student Rental Apartments	\$42,000,000		\$42,000,000					Complete
	\$886,134	\$886,134						Complete
Mansfield Training School Improvements: Phase II	\$3,500,000	\$3,500,000						Complete
Monteith Renovation	\$444,348	\$444,348						Complete
Music Drama Addition	\$16,784,314	\$7,400,000		\$9,311,618		\$72,696		Complete
North Campus Renovation	\$12,937,389	\$10,996,050				\$1,941,339		Complete
North Campus Renovation (including North Campus Student Suites & Apts)	\$47,150,508		\$45,000,000			\$2,150,508		Complete
Northwest Quadrant Renovation: Phase II	\$30,123,843	\$30,000,000				\$123,843		Complete
Parking Garage - South	\$27,942,928		\$24,000,000			\$3,942,928		Complete
School of Business	\$6,762,725	\$6,093,366				\$218,463	\$450,896	Complete
School of Pharmacy	\$84,753,000	\$84,753,000						Complete
Shippee/Buckley Renovations	\$11,920,000	\$6,920,000	\$5,000,000					Complete
Student Union Addition: Phase II	\$57,141,753	\$44,622,633				\$12,519,120		Complete
Technology Quadrant: Phase IA	\$2,090,000	\$2,090,000						Complete
Technology Quadrant: Phase II	\$34,434,179	\$34,120,000				\$314,179		Complete
Torrey Life Science Renovation & Completion	\$251,109	\$251,109						Complete
Towers Renovation	\$27,378,195	\$17,950,243	\$2,180,000			\$7,247,952		Complete
Towers Renovation (Including Greek Housing)	\$12,704,501	\$0	\$12,000,000			\$704,501		Complete

PROJECT FUND SOURCES & STATUS: UCONN 2000 - PHASE II

								(June 30, 2016)
Project Description	Total Project Funding*	UCONN 2000 DSC Bonds	University Revenue Bonds	Other State Bonds	Federal/Research Funds	Operating Funds Private Funds	Private Funds	Project Status
Underground Steam and Water Upgrade & Completion: Phase II	\$6,000,000	\$6,000,000						Complete
Waring Building Conversion	\$10,536,000	\$10,536,000						Complete
Waterbury Campus Relocation	\$27,238,315			\$22,000,000		\$1,540,999	\$3,697,316	Complete
West Campus Renovations	\$519,507	\$519,507						Complete
Wilbur Cross Renovation	\$16,596,296	\$16,590,571				\$5,725		Complete
Totals	\$824,064,228	\$580,000,000	\$159,180,000	\$35,226,618	\$8,676,360	\$34,096,824	\$6,884,426	

^{*} Reflects project funding received as of June 30, 2016.

 $^{^{\}mathrm{A}}$ In some cases, certain projects have been supplemented with other fund sources.

PROJECT FUND SOURCES & STATUS: UCONN 2000 - PHASE III

	-		ļ		-	•		(June 30, 2016)
Project Description	Total Project Funding*	UCONN 2000 DSC Bonds	University Revenue Bonds	Other State Bonds	Federal/Research Funds	Operating Funds	Private Funds	Project Status
Academic and Research Facilities	\$16,227,531	\$16,027,531				\$200,000		Planning/Design/ Construction
Arjona & Monteith (new classroom buildings)	\$128,087,893	\$128,087,893						New Buildings & Arjona Renovation Complete; Monteith Renovation Underway
Avery Point Campus Undergraduate & Library Building	\$10,461,246	\$10,461,246						Complete
Avery Point Renovation	\$9,972,389	\$8,695,227			\$317,584	\$440,867	\$518,710	Phase I Complete; Phase II Demo Underway
Beach Hall Renovations	\$5,396,957	\$5,396,957						Maintenance Underway
Benton State Art Museum Addition	\$2,903,509	\$2,903,509						Complete
Biobehavioral Complex Replacement	\$3,589,141	\$3,589,141						Maintenance Underway
Bishop Renovation	\$3,877,302	\$3,827,302				\$50,000		Complete
CLAC Renovation Biosafety Level 3 Lab - UConn Health	\$17,960,000	\$16,835,000			\$1,125,000			Complete
Deferred Maintenance/Code Compliance/ADA Compliance/ Infrastructure Improvements & Renovation Lump Sum - Storrs & Regionals ^A	\$260,651,297	\$260,651,297						Underway
Deferred Maintenance/Code /ADA Renovation Lumpsum-UConn Health ^A	\$44,892,867	\$44,892,867						Underway
Dental School Renovation-UConn	\$3,525,000	\$3,525,000						Complete
Engineering Building	\$67,068,837	\$67,068,837						Construction
Equipment, Library Collections & Telecommunications - Storrs & Regionals ^A	\$124,816,496	\$124,816,496						Underway
Equipment, Library Collections & Telecommunications-UConn Health ^A	\$64,704,390	\$64,704,390						Underway
Family Studies (DRM) Renovation	\$2,868,306	\$2,868,306						Complete
Farm Building Repairs/Replacement	\$5,096,397	\$5,036,397				\$60,000		Phase I Complete; Phase II Planning
Fine Arts Phase II	\$6,583,426	\$6,583,426						Design
Floriculture Greenhouse	\$6,763,950	\$6,691,799				\$72,151		Complete
Gant Building Renovations	\$13,231,018	\$13,231,018						Construction
Gentry Completion	\$9,628,209	\$9,628,209						Complete
Hartford Relocation Acquisition/Renovation	\$53,285,681	\$53,285,681						Design/Construction
Heating Plant Upgrade (aka Cogeneration Chiller Facility) ^B	\$95,377,000	\$13,477,000	\$81,900,000					Construction
Intramural, Recreational & Intercollegiate Facilities	\$59,101,958	\$31,009,921				\$14,751,806	\$13,340,231	Complete
Jorgensen Renovation	\$3,734,475	\$3,734,475						Maintenance Underway
Koons Hall Renovation/Addition	\$1,530,057	\$1,530,057						Maintenance Underway
Lakeside Renovation	\$5,235,200	\$3,800,000				\$1,435,200		Complete

PROJECT FUND SOURCES & STATUS: UCONN 2000 - PHASE III

Project Description	Total Project Funding*	UCONN 2000 DSC Bonds	University Revenue Bonds	Other State Bonds	Federal/Research Funds	Operating Funds	Private Funds	Project Status
aw School Renovations/Improvements	\$24,829,358	\$16,766,343		\$7,980,240		\$82,775		Maintenance Underway
Library/Student Computer Center Renovation-UConn Health	\$1,416,911	\$1,266,460					\$150,451	Complete
Main Building Renovation-UConn	\$98,743,521	\$97,426,018				\$1,102,000	\$215,503	Construction
Manchester Hall Renovation	\$846,302	\$846,302						Maintenance Underway
Mansfield Training School mprovements	\$3,014,780	\$3,014,780						Maintenance Underway
Medical School Academic Building Renovation-Health Center	\$35,147,500	\$34,447,500				\$700,000		Construction
Natural History Museum Completion	699'666\$	\$500,000					\$499,669	Complete
North Hillside Road Completion	\$20,365,000	\$8,200,000		\$6,339,287	\$5,825,713			Construction
Old Central Warehouse	\$126,000	\$126,000						Withdrawn
Parking Garage #3	875,699	\$75,699						Planning
Planning & Design Costs (UCH)	\$25,000,000	\$25,000,000						Underway
Psychology Building Renovation/Addition	\$24,337,399	\$24,337,399						Complete
Research Tower-UConn Health	\$69,130,997	\$68,580,997				\$550,000		Phase I & II Complete
Residential Life Facilities	\$148,677,468	\$130,522,566				\$18,154,902		Design/Construction
School of Pharmacy/Biology	\$6,000,000	\$6,000,000						Complete
Stamford Campus Improvements	\$1,126,102	\$1,107,426				\$18,676		Maintenance Underway
Storrs Hall Addition	\$14,839,362	\$14,664,091				\$175,271		Complete
Student Union Addition	\$13,000,000	\$13,000,000						Complete
Support Building Addition/Renovation- UConn Health	\$100,000	\$100,000						Withdrawn
Support Facilities (Architectural & Engineering Services)	\$16,583	\$16,583						Complete
echnology Quadrant: Phase III	\$163,160,713			\$163,160,713				Construction
Torrey Renovation Completion & Biology Expansion	\$1,867,868	\$1,867,868						Maintenance Underway
Torrington Campus Improvements	\$369,156	\$369,156						Complete
Waterbury Downtown Campus	\$3,543,022	\$1,893,022				\$1,150,000	\$500,000	Phase I Complete; Phase II Underway
West Hartford Campus Renovations/ Improvements	\$7,124,305	\$6,774,305				\$350,000		Complete
Young Building Renovation/Addition	\$24,660,827	\$24,140,884				\$350,000	\$169,943	Maintenance Underway
UCH New Construction and Renovation	\$365,137,243	\$350,597,618				\$12,248,000	\$2,291,625	Design/Construction
Totals	\$2.080.226.317	\$1.744,000.000	\$81,900,000	\$177,480,240	\$7,268,297	\$51,891,648	\$17,686,132	

 $^{^\}star$ Reflects project funding received as of June 30, 2016. $^{\rm A}$ In some cases, certain projects have been supplemented with other fund sources. $^{\rm B}$ Funded through a Tax Exempt Lease.

PREVAILING WAGE COMPLIANCE REPORT

The attachments referred to below cover the reporting period from October 1, 2015 thru June 30, 2016 and are issued pursuant to the requirements of subsection (f) of section (7) of Public Act 02-3, an Act Concerning 21st Century UCONN, by providing the following information:

(1) The names and addresses of contractors and subcontractors performing repair, addition, alteration and new construction on the university's campuses in the previous six months.

Attachment A provides the listing in alphabetical order. This is being filed in conjunction with the July 2016 Report Number Forty-two to provide a consolidated report for UCONN 2000 activities. There is no sub-grouping of contractors or subcontractors as the nature of their business makes each interchangeable with the other as business opportunities become available.

Attachment B is the Debarment list issued by the Department of Labor.

COMPANY NAME	ADDRESS 1	ADDRESS 2	CITY	STATE	ZIP CODE
385 Central Glass & Mirror, Inc (dba New England Glass & Mirror Company)	31 Connecticut Avenue		Norwich	CT	09890
A1 Glass Company, Inc	255 Sullivan Avenue		South Windsor	CT	06074
AAIS Corporation	802 Boston Post Road	PO Box 26066	West Haven	CT	06516
Able Builders Corporation	33 Pine Street		Columbia	L	06237
Above and Beyond Equipment Rentals, LLC	736 Boston Post Road		Madison	CT	06443
Acme Lightning Rod, LLC	8 Peters Road		Bloomfield	LO	06002
ACV Concrete, LLC	46 Marina Court	PO Box 1842	Meriden	CT	06451
Addision Electrical Contractors, LLC	960 Migeon Avenue		Torrington	CT	06290
Advanced Reprographics	50 Corporate Avenue		Plainville	CT	06062
Advanced Resources, LLC	70 Foster Road		Waterford	CT	06385
Advanced Scaffold Services of New England, LLC	117 Mountain View Drive		Harwinton	CT	06791
Air Balancing Service Company	7 Corporate Drive, U-109-110		North Haven	CT	06473
Air Equipment, LLC	43 Thomas Street		East Hartford	LO	06108
Air Temp Mechanical Services, Inc	360 Captain Lewis Drive		Southington	CT	06489
Aiudi CT, LLC	69 Talcott Road		West Hartford	CT	06091
Alert Scientific, Inc	469 School Street		East Hartford	L	06108
All Phase Steel Works, LLC	480 Bunnell Street		Bridgeport	L	20990
All State Construction, Inc	449 Cooke Street	PO Box 805	Farmington	CL	06032
Allstate Fire Systems	110 Murphy Road		Hartford	CT	06114
All State Traffic Control	268 Congress Avenue #9		Waterbury	CT	06708
All-Phase Enterprises, Inc	191 West Stafford Road	PO Box 6	Stafford Springs	CT	92090
Alvarez Detailing	24 Brownell Street #3		New Haven	LO	06511
Alvarez Industries	312 Boston Post Road		Orange	LO	06477
AMB Site Development	56 Shingle Mill Road		Harwinton	L	06791
American Masons and Building Supply Company	325 Main Street		Hartford	LO	06143
American Vets Abatement Experts LLC	965 Hartford Turnpike		Vernon	CT	99090
Anderson Electrical Contractors, Ltd	55 Airport Road, Suite 101		Hartford	LO	06114
Architectural Products, Inc	47 Charolais Way		Burlington	LO	06013
Armani Restoration, Inc	191 Franklin Avenue		Hartford	L	06114
Array Systems, LLC	205 Research Drive #4		Milford	CT	06460
Art Effects, Inc	27 Britton Drive		Bloomfield	LO	06002
ASA Environmental Products, Inc	22 Bayview Avenue		Stonington	CT	06378
Asmus Electric, Inc	297 Front Avenue		West Haven	LO	06516
ATC Associates	290 Roberts Street		East Hartford	L	06108
ATC Group Services Inc	221 Rue Dejean, Suite 200		Lafayette	ΓA	70508
Atlantic Masonry Products Corporation	67 Quinnipiac Avenue		North Haven	СТ	06473
Atlas Fence Company			Norwalk	CT	06854

Atlas Residential and Commercial Services, LLC	30 NE Industrial Road		Branford	СТ	06405
Automatic Door Systems Inc	36 Capitol Drive		Wallingford	CT	06492
BSC Group-Connecticut, Inc	180 Glastonbury Boulevard, Suite 103		Glastonbury	CT	06033
B&W Paving and Landscaping LLC	215 Flanders Road	PO Box 70	Mystic	CT	06355
Barall & Konover Floors, Inc	714 Blue Hills Avenue		Hartford	CT	06112
Barber Firestop System, LLC	175 Englewood Drive		Orange	CT	06477
Bartholomew Company, Inc	3324 Main Street		Hartford	CT	06120
Beacon Electric, Inc	857 Marion Avenue		Plantsville	CT	06479
Beacon Light & Supply Company	180 Walnut Street		Hartford	CT	06120
Bear Steel Erectors, Inc		PO Box 161	East Lyme	CT	06333
Beaulieu Company, LLC	132 Pine Street		Manchester	CT	06040
Berkshire Concreting Cutting	3595 Winsted Road		Torrington	CT	06290
Betons Prefabriques du lac	1622 Main Street		East Hartford	CT	06108
Bigelow Electric, Inc	292 New Britain Road		Kensington	CT	06037
Bill Bender Painting & Wallcovering, LLC	400 Jerusalem Road		Windham	CT	06280
Birthmark Fire Protection, LLC	20 Grafton Street		Hartford	CT	06106
BL Companies, Inc	355 Research Parkway		Meriden	CT	06450
Builders Hardware	91 Shield Street		West Hartford	CT	06110
BVH Integrated Services	50 Griffin Road, South		Bloomfield	CT	06002
C&A Distributors, Inc	595 Church Street		Newington	CT	06111
C&C Mechanical Insulation, LLC	300 Front Avenue		West Haven	CT	06516
C C Security Corporation	7 Community Avenue		Plainfield	CT	06374
Campbell, John (dba Eastern Mechanical, LLC)	1774 Manchester Road		Glastonbury	CT	06033
Capasso Restoration, Inc	39 Sugar Hill Road		North Haven	CT	06473
Caplow Mechanical, Inc	5 Hamden Park Drive		Hamden	CT	06517
Carlin Construction Company, LLC	5 Shaws Cove #103		New London	CT	06320
Caruso Electric Company	815 Farmington Avenue		New Britain	CT	06053
Carvalho & McDowell Construction, Inc	24 Custer Street		West Hartford	CT	06110
Caryn B Davis Photography	1 Spring Street		Chester	CT	06412
CCM Construction Services, Inc	93 Triangle Street		Danbury	CT	06810-6929
Central Connecticut Acoustics, Inc	105 North Cherry Street	PO Box 519	Wallingford	CT	06492
Central Construction Services, LLC	195 Maxim Road		Hartford	CT	06114
Chase Glass Company, Inc	73-75 James Street		East Hartford	CT	06108
Cherry Hill Glass Company, Inc	20 Elm Street		Branford	CT	06405
Civitillo Masonry, Inc	15 Holmes Road		Newington	CT	06111
CKS Electrical Construction, LLC	77 West Town Street		Norwich	CT	09890
Coastal Materials Testing Lab, LLC	10 Hart Street		West Haven	СТ	06516
Columbia Sheet Metal Company, Inc	4 Commerce Drive		North Windham	CT	06256

Commercial Storefront Services, Inc	1265 John Fitch Boulevard		South Windsor	СТ	06074
Comnet Communications, LLC	9 Park Ridge Road		Bethel	CT	06801
Connecticut Components, Inc	256 Oakwood Drive, Suite 3		Glastonbury	CT	06033
Connecticut Drywall Finishing, Inc	400 Chapel Road Unit1-G		South Windsor	CT	06074
Connecticut Mason Contractors Inc	191 Franklin Avenue		Hartford	CT	06114
Construction Labor Unlimited	880 Canal Street		Stamford	CT	90690
Costa & Sons, LLC	18 Griffin Road		Broad Brook	CT	06016
Country Portables, LLC	30 Leonardo Drive Unit 3		North Haven	CT	06473
CRF, Inc, Interior Systems	364 Putnam Pike	PO Box 138	Dayville	CT	06241
CT Paving	145 Dividend Road #8		Rocky Hill	CT	29090
Custom Electric, Inc	52 Main Street		Manchester	CT	06042
CWC Architectural Woodworking, Inc	95 Race Street		Bristol	CT	06010
D'Amico Electric, Inc	213 Railroad Avenue		Bedford Hills	λ	10507
Daniel O'Connells Sons, Inc	234 Church Street, Suite 403		New Haven	CT	06510
Daniel's Caulking, LLC	46 Kennedy Road Unit 5		South Windsor	CT	06074
DC Sheetmetal, LLC	135 Yantic Street		Norwich	CT	09890
DeMonte Painting Company, LLC	190 Lawrence Road		South Windsor	CT	06074
Desco Products of Connecticut, Inc	48 Thill Street		West Haven	CT	06516
DeSiato Sand & Gravel Corporation	999 Stafford Road		Storrs	CT	06268
DGJ Electrical and Home Improvement, LLC	41 Orange Street		Stratford	CT	06615
DH Bolton, Inc	750 Main Street, Suite 1210		Hartford	CT	06103
Dicin Electric Company, Inc	156 Cross Road		Waterford	CT	06385
DiRienzo Mechanical Contractors, Inc	1299 Whalley Avenue		New Haven	CT	06515
Division 5, LLC	56 Berrios Hill Road		Windsor	CT	06095
Downes Construction Company, LLC	200 Stanley Street		New Britain	CT	06051
DRVN Enterprises, Inc	969 Cloverdale Circle		Wethersfield	CT	06109
DTS Jovanovic Trucking, LLC	11 Rambling Brook Lane Apt B-6		Glastonbury	CT	06033
E A Quinn Landscape Contracting, Inc	109 Commerce Street		Glastonbury	CT	06033
Eagle Fence & Guardrail Construction, Inc	56 South Canal Street	PO Box 7077	Plainville	CT	06062
Eagle Rivet Roof Service Corporation	15 Britton Drive		Bloomfield	CT	06002
Earth Dynamics, LLC	116 Sean Circle		Coventry	CT	06238
East Coast Interiors, LLC	105B Day Street		Newington	CT	06111
East Coast Sheet Metal, LLC	141 Woodruff Street		Litchfield	CT	06759
Eastern Electric, Inc		PO Box 2116	Vernon	CT	99090
Eastern Energy Services, LLC	15 Wisconsin Avenue #1		Norwich	CT	09890
Eco Window Films, LLC		PO Box 310275	Newington	CT	06131
EDI Landscape, LLC	32 Belmont Street		Hartford	СТ	06489
Electrical Contractors, Inc	3510 Main Street		Hartford	CT	06120

Electrical Energy Systems Corporation Voice & Data, LLC	215 Captain Lewis Drive		Southington	CT	06489
Electrical Power Solutions, LLC	39 Ledger Street		Hartford	CT	06106
Electronic Security & Control System	108 Evergreen Street		Bridgeport	CT	90990
Elmore Associates, Inc	250 Sheldon Road		Manchester	CT	06040
Enfield Builders, Inc	1654 King Street	PO Box 1201	Enfield	CT	06083
Environmental Systems Corporation	18 Jansen Court		West Hartford	CT	06110
Environmental Testing & Balancing, Inc	154 State Street, Suite 208		North Haven	CT	06473
Erection & Welding Contractors, LLC	190 New Park Drive		Berlin	CT	06037
Ernest Peterson, Inc	1830 Broad Street		Hartford	CT	06114
E-Skylight	66 North Main Street		Branford	CT	06405
Evergreen Supply, LLC	500 Totoket Road		Northford	CT	06472
Fairfield Electric Supply, Inc	711 Post Road		Fairfield	CT	06824
Fibre Optics Plus, Inc	302 Adams Street		Manchester	CT	06042
Fire Protection Testing, Inc	1701 Highland Avenue		Cheshire	CT	06410
Fire Rated, LLC	254 Prospect Avenue		Hartford	CT	06106
Flowtech, Inc	10 Bidwell Road	PO Box 397	South Windsor	CT	06074
Fly on the Wall Productions	46 Miamis Road		West Hartford	CT	06117
Fortaleza Concrete, LLC	504 Forest Road	PO Box 370	Northford	CT	06472
Frank Capasso & Sons, Inc	1003 Middletown Avenue		Northford	CT	06472
FUS, Inc	17 Canal Street		Pequabuck	CT	06781
Fusco Corporation	555 Long Wharf Drive #14		New Haven	CT	06511
GM2 Associates, Inc	115 Glastonbury Boulevard		Glastonbury	CT	06033
G Donovan Associates, Inc	627 Route 32, North Franklin, CT	PO Box 249	Lebanon	CT	06249
Gayle Ethier (dba CT Portables)		PO Box 236	Chaplin	CT	06235
GDS Contracting Corporation	1623 Berlin Turnpike		Berlin	CT	06037
General Welding & Fabrication, Inc	977 Echo Lake Road		Watertown	CT	06795
Generation Drywall, Inc	72 Main Street		East Hartford	CT	06118
Gerard E LePine (dba LePine Electric)	436 Lisbon Road		Canterbury	CT	06331
Gerber Construction, Inc	1 Nutmeg Drive		Ellington	CT	06029
Gilbane Building Company	208 New London Turnpike		Glastonbury	CT	06033
Gilliam Company, LLC	13 Pautipaug Lane		North Franklin	CT	06254
Giordano Construction Company, Inc	175 North Main Street		Branford	CT	06405
GKN, Inc (dba B-T Tile & Carpet Company)	905 Norwich-New London Turnpike		Uncasville	CT	06382
Glen Terrace Landscaping, Inc	759 Sherman Avenue		Hamden	CT	06514
GNCB Consulting Engineers, PC	130 Elm Street		Old Saybrook	CT	06475
Goto Commercial Cleaning Services, LLC	109 Court Street		New Haven	CT	06511
Greenmaker Industries of Connecticut, LLC	697 Oakwood Avenue		West Hartford	CT	06110
Greenwood Industries, Inc		PO Box 2800	Worcester	MA	01603

Grove Systems, Inc	572 Route 148		Killingworth	СТ	06419
HHS Mechanical Contractors, Inc	80 Colonial Road		Manchester	CT	06042
Hain Materials Corporation	Route 203	PO Box 245	Windham	CT	06280
Hartford Painting Company, LLC	55 Timber Lane		Avon	СТ	06001
Haz-Pros, Inc	125-A Brook Street		West Hartford	CT	06110
HB Communications, Inc	60 Dodge Avenue		North Haven	CT	06473
Highline Riggers, LLC	103 Union City Road		Prospect	CT	06712
Holly J Digertt, LLC	264 Main Street		Rockfall	СТ	06481
Hop River Concrete, Inc	231 Route 6		Columbia	CT	06237
Horizon Services Corporation	250 Governor Street		West Hartford	CT	06108
Independent Elevator Company, LLC	84 Zeya Drive		Coventry	CT	06238
Independent Hardware, Inc	14 South Front Street		Philadelphia	PA	19106
Industrial Acoustics Company, Inc	1160 Commerce Avenue		Bronx	λN	10462
Innovative Services, Inc	40 Vernon Avenue	PO Box 897	Vernon	СТ	99090
Ja Rosa Construction, LLC	17 Town Line Road		Wolcott	CT	06716
J Biron Agency, LLC	1 Forest Park Drive		Farmington	СТ	06032
J&P Construction Corporation	224 Krug Road		Preston	СТ	06365
J Devoe Trucking	394 Northwood Drive		Guilford	CT	06437
Jackson Ryan Constructions Services, LLC	26 Lebria Road		Suffield	CT	06093
Jacobs Erecting & Construction, LLC	42 Ozick Drive		Durham	CT	06422
James S Sullivan Cable Company, Inc	123 East Aurora Street		Waterbury	CT	06708
Jay's Landscaping, Inc	473 Sullivan Avenue		South Windsor	СТ	06074
Jensen Mechanical Equipment, Inc	280C Main Street		New Hartford	CT	06057
JFC Construction, LLC	544 Bloomfield Ave		Bloomfield	СТ	06002
JLYN Masonry, LLC	537 Old Clintonville Road		North Haven	СТ	06473
Jocal Group, LLC	15 Lewis Street. Suite 302		Hartford	СТ	06103
John Filloramo Construction Company, Inc	82 Glendale Road		South Windsor	CT	06074
John Paul Garcia & Associates, PC	190 Fairwood Road		Bethany	CT	06524
Johnson Controls	27 Inwood Road		Rocky Hill	CT	29090
Joseph Campbell (dba Eastern Mechanical)		PO Box 57	Lebanon	CT	06249
Julian Crane	330 Pleasant Street		Watertown	MA	02472
K Glassworks, LLC	470 Governors Highway		South Windsor	CT	06074
K&M Fire Protection Services, Inc	8 West Street		Plantsville	СТ	06479
Kamco Supply Corporation of New England	2 Barnes Industrial Road South		Wallingford	СТ	06492
KBE Building Corporation	742 Upper Maple Street		Danielson	CT	06239
Keeney Rigging & Trucking Company, Inc	180 Oakwood Drive		Glastonbury	СТ	06033
Kelly Steel, LLC	22 Columbia Street		Hartford	СТ	06106
Kim Industries, Inc	34 Mill Plain Road, #2D		Danbury	СТ	06811

KMK Insulation Company, Inc	1907 Hartford Turnpike		North Haven	CT	06473
Kobyluck Ready-Mix, Inc	24 Industrial Drive		Waterford	СТ	06385
Kronenberger & Sons Restoration, Inc	175 Industrial Park Road		Middletown	CT	06457
L&R Plumbing & Heating, LLC	224 Long Swamp Road		Wolcott	CT	06716
L&B Transport Services, LLC	128 Moody Road		Enfield	CT	06082
LB Electrical Services, LLC	309 East Center Street		Manchester	CT	06040
Lane Electrical Partners, LLC	85 Willow Street, #4		New Haven	CT	06511
Langan Insulation LLC	420 Sackett Point Road, #4a		North Haven	CT	06473
Liberty Landscapes LLC		PO Box 72	South Windsor	СТ	06074
Life Safety Service & Supply	325 Sandbank Road, Units 11 & 12		Cheshire	CT	06410
LK Sheet Metal, Inc	35 Wrobel Place		East Hartford	LO	06108
LP Electric, LLC	12 Lawrence Street		Vernon Rockville	СТ	99090
LPI East, LLC	100 Pearl Street #14		Hartford	CT	06103
Lupachino & Salvatore, Inc	15 Northwoood Drive		Bloomfield	LO	06002
M&D Concrete LLC	185 Tunxis Avenue		Bloomfield	CT	06002
M Frank Higgins & Company Inc	780 North Mountain Road		Newington	LO	06111
M&M Cutting and Drilling LLC		PO Box 246	East Hartland	LO	06027
M Brett Painting Company, Inc	458 Shore Road		Old Lyme	CT	06371
Macchi Engineers, LLC	44 Gillett Street		Hartford	CT	06105
Mack Brick Company	2 Old Depot Hill Road		Enfield	CT	06082
MacKenzie Painting Company	60 Mead Street		Stratford	CT	06615
MacKenzie Service Corporation	55 Moffitt Street		Stratford	CT	06615
Manafort Brothers, Inc	414 New Britain Avenue		Plainville	LO	06062
Massey Architectural Systems, LLC	750 East Main Street #2		Branford	СТ	06405
Mather Corporation	21 West Dudley Town Road		Bloomfield	СТ	06002
Mazzotta Rentals, Inc	77 Boston Road		Middletown	LO	06457
McBride Wayside Carpet	3153 Berlin Turnpike #1		Newington	LO	06111
McCarthy Concrete, Inc	59 McGuire Road		South Windsor	LO	06074
McLellan Tree	145 Brickyard Road		Farmington	CT	06032
McPhee Electric Limited, LLC	505 Main Street		Farmington	CT	06032
Mechanical Solutions, Inc	121 Commerce Way #3		South Windsor	CT	06074
Milone & MacBroom, Inc	1350 Main Street		Springfield	MA	01103
Milton C Beebe & Sons, Inc	12 Beebe Lane		Storrs	LO	06268
Milton James (dba Tyson Electric Contractors, LLC)	23 Mayfair Road		Bloomfield	L	06002
MM Systems Corp	50 MM Way	PO Box 98	Pendergrass	ВA	30567
Mo Electrical Contractors LLC	106 Maple Street		East Hartford	CT	06118
Modern Mechanical Systems, Inc	519 Cooke Street	PO Box 492	Farmington	CT	06032
Ms Pipe, LLC	1750 Ellington Rd Bldg 3		South Windsor	СТ	06074

Native Sons Ltd	12 Northwest Drive		Plainville	СТ	06062-1328
Net Services LLC	1185 Elm Street Extension	PO Box 847	Rocky Hill	CT	29090
Network Installation Services, Inc	192 North Plains Industrial Road		Wallingford	CT	06492
New England Masonry & Roofing Company	146 Sheridan Drive		Naugatuck	CT	02290
New England Mechanical Services Inc	166 Tunnel Road		Vernon	CT	99090
New England Service & Controls, LLC	52 Green Hollow Road		Moosup	CT	06354
Newman Architects PC	300 York Street		New Haven	LO	06511
Nor'easter Installations, Inc	39 Wedgewood Drive, Suite L		Jewett City	СТ	06351
Norris & Ferraris LLC	571 Hopmeadow Street		Simsbury	СТ	06070
Northeast Contractors Supply, LLC	141A Elliott Street East		Hartford	LO	06114
Northeast Flooring & Kitchens, LLC	233 B Kennedy Drive		Putnam	СТ	06260
Northeast Industrial Flooring, Inc	90 King Spring Road		Windsor Locks	CT	96090
Northeast Lightning Protection, LLC	10 Peters Road		Bloomfield	LO	06002
Northeast Printing Network, LLC	135 Sebethe Drive, Suite 8		Cromwell	CT	06416
Northeast Supply Company	228 Danbury Road		Wilton	CT	26890
Northeast Window Products, LLC	23 Ridgewood Road		Willington	LO	06279
Northeastern Engineering & Contracting Company	115 Daleville School Road		Willington	СТ	06279
Norwalk Glass Company, Inc	326 Main Avenue		Norwalk	LO	06851
Norwalk Marine Contractors, Inc	245 Access Road		Stratford	LO	06615
NT Oliva, Inc	89 Church Street		East Hartford	LO	06108
Nutmeg Companies, Inc	1 Ohio Avenue		Norwich	LO	09890
Nwn Corporation	271 Waverley Oaks Road		Waltham	MA	02452
O&G Industries, Inc	260 Murphy Road		Hartford	СТ	06114
Offshore Construction, Inc	280 Hartford Road		Manchester	CT	06040
OFI Contract Interiors	28 Garfield Street		Newington	СТ	06111
One Mechancial Group, LLC	77 Kreiger Lane #914		Glastonbury	CT	06033
OnSite Services, Inc	23 Meadow Road		Clinton	LO	06413
Opticom, Inc	17 Sand Hill Road		Portland	LO	06480
Orissa, LLC	45 Andover Drive		Rocky Hill	LO	29090
Oscar's Abatement, LLC	29 Meadow Street		Hartford	LO	06114
Overhead Door Company of Norwich, Inc	88 Route 2A		Preston	LO	06365
P C Richard & Son Long Island		PO Box 9122	Farmingdale	λN	11735-9122
Palmer Sheet Metal	85 Pierson Lane		Windsor	LO	06095
Paramount Construction, LLC	1500 Echo Lake Road		Watertown	LO	06795
Park Hardware Company, Inc	415 Park Street		Hartford	LO	06106
Perfectly Plumb, LLC	215 Pickerel Lake Road		Colchester	LO	06415
Performance Plumbling and Heating, LLC	609 Migeon Avenue		Torrington	CT	06290
Performance Technology Manufacturers' Representative, LLC (dba Performance Technology, LLC)	44 Wildlife Trail		South Windsor	LO	06074

PGP Group, LLC (dba Atlas Companies)	30 Northeast Industrial Road		Branford	CT	06405
Pondview Construction, Inc	112 Boston Turnpike		Willington	CT	06279
Premier Electrical Contactor, LLC	344 Blue Hills Avenue		Hartford	СТ	06112
Prime Electric, LLC	33 Wisconsin Avenue #101		Norwich	СТ	09890
ProSYSTEMS Installation, Inc (dba PSI - New England Storage Products)	464 Wolcott Road, Suite 17		Wolcott	СТ	06716-2626
QSR Steel Corporation, LLC	300 Locust Street		Hartford	СТ	06114
Quality Welding, LLC	265 Brownstone Avenue		Portland	СТ	06480
R H White Construction Company, Inc	41 Central Street		Auburn	MA	01501
R A Novia & Associates, LLC	355 Highland Avenue #102		Cheshire	СТ	06410
Red Thread	300 East River Drive		East Hartford	СТ	06108
Richards Corporation	72 North Harwinton Avenue		Terryville	CT	98290
RJB Contracting, Inc	588 Winsted Road		Torrington	CT	06290
RLG Floor Covering, LLC	97 Seaman Circle		Manchester	CT	06040
RN Pro Painting, LLC	197 Edgewood Road		Kensington	CT	28090
Roadstone Construction, LLC	2 Eastview Terrace		Rocky Hill	CT	29090
Ro-brand Products, Inc	319 Cooke Street		Plainville	CT	06062
Roof Design & Inspection, Inc	1115 Tucker Road		North Dartmouth	MA	02747
Rowe Enterprises, LLC	One Regency Drive Suite 310		Bloomfield	CT	06002
Roweski Painting, LLC	182 Edgewood Street		Hartford	CT	06112
Running Brook Farms, LLC	219 Route 80		Killingworth	СТ	06419
Santoro, Inc	207 Stamm Road		Newington	СТ	06111
Sarazin General Contractors, Inc	6 Commerce Drive		North Windham	СТ	06256
Schneider Electric Buildings	1650 West Crosby Road		Carrollton	TX	22006
Seismic Control Products, LLC	61 Main Street, Suite D		Hebron	СТ	06248
Shawmut Design & Construction	116 Washington Avenue #2		North Haven	СТ	06473
Shea's Electrical, Inc	211 Hartford Turnpike		Tolland	CT	06084
Silktown Roofing, Inc	151 Water Street		Derby	CT	06418
Silver Petrucelli & Associates, Inc.	3190 Whitney Avenue		Hamden	CT	06518
Simplex Grinnell, LP	80 Clark Drive, Unit 5-D		East Berlin	СТ	06023
Siracusa Moving & Storage, Inc	250 Commerce Circle		New Britain	СТ	06051
Skanska USA Building, Inc	545 Long Wharf Drive		New Haven	СТ	06511
SNS Electric, LLC	135 Taugwonk Road		Stonington	CT	06378
Solo Concrete, LLC	210 Elm Street		Meriden	CT	06450
Sound Mechanical Contractors, LLC	82 Colonial Road		Manchester	СТ	06042
Sound Room Solutions, Inc	40 Glen Street, Suite #4		Glen Cove	ΝY	11542
Southern NE Electrical Testing	3 Buel Street #2		Wallingford	СТ	06492
Special Testing Laboratories, Inc	21 Henry Street		Bethel	СТ	06801
Spectrum Floors, Inc	299 Blacks Road	PO Box 861	Cheshire	СТ	06410

Standard Builders, Inc	52 Holmes Road		Newington	CT	06111
Standard Demolition Services, Inc	555 Bostwick Avenue		Trumbull	CT	06611
Stonehedge Landscaping Company, Inc	1616 Willard Avenue		Newington	CT	06111
Stonington Services, LLC (dba Brand Services)	2 Chapman Lane #11		Gales Ferry	CT	06335
Sullivan Benson, LLC	112 Northwest Drive		Plainville	CT	06062
Swan Associates, Inc	49 Holly Drive		Newington	CT	06111
Swiss Laundry of Rockville, Inc	35 Windsor Ave		Vernon	CT	99090
Synergy Electrical Systems, LLC		PO Box 399	Plainville	CT	06062
System Specialties, Inc	452 Smith Street		Middletown	CT	06457
SystemOne, LLC	215 Captain Lewis Drive		Southington	CT	06489
T Arduini Company, Inc	312 River Street		Bridgeport	CT	90990
T Keefe & Son, LLC	1790 Little Meadow Road		Guilford	CT	06437
Tabacco & Son Builders, Inc	45 Stafford Avenue		Bristol	CT	06010
Taylor Electric, LLC	438 Pleasant Valley Road		South Windsor	CT	06074
Terracon Consultants, Inc	201 Hammer Mill Road		Rocky Hill	CT	29090
Test-Con, Inc	16 East Franklin Street		Danbury	CT	06810
The Associated Construction Company	1010 Wethersfield Avenue, #304		Hartford	CT	06114
The Coe & Brown Company	295 Treadwell Street		Hamden	CT	06514-0215
The Hartford Lumber Company	17 Albany Avenue		Hartford	CT	06120
The Homer C Godfrey Company	1360 Central Avenue		Bridgeport	СТ	06610-0145
The Jack Farrelly Company	97 Old Poquonock Road		Bloomfield	CT	06002
The John Boyle Company, Inc		PO Box 397	New Britain	СТ	06050
The Nasi Group, LLC	84 Gallup Lane		Waterford	CT	06385
The NY-CONN Corporation	5 Shelter Rock Road, Suite 8		Danbury	CT	06810-7169
The Spectrum Services Company		PO Box 60	Meriden	CT	06450
Thomas W Raftery, Inc	1055 Broad Street		Hartford	CT	06106
Thomaston Site Works, LLC	17 Seymour Road		Terryville	CT	06786
Titan Mechanical Contractors, Inc	150 Batson Drive		Manchester	CT	06042
Total Fence, LLC	525 Ella Greasso Boulevard		New Haven	СТ	06519
Total Wall Systems, Inc	54 North Harbor Street		Branford	СТ	06405
Tradesmen Of New England, LLC	21 East Dudley Town Road		Bloomfield	СТ	06002
Tradesource, Inc	205 Hallene Road, Units 211-212		Warwick	RI	02886
Transfer Enterprises, Inc	140 Progress Drive		Manchester	CT	06042
TRC Environmental Corporation	21 Griffin Road North		Windsor	CT	06095
Tri State Materials Testing Lab, LLC	160 South Turnpike Road, Suite 3		Wallingford	CT	06492
Triad Construction Services, LLC	285 State Street #12		North Haven	СТ	06473
Turnbridge Construction	130 Welton Street		Hamden	СТ	06511
Turner Construction Company	856 Howard Avenue		New Haven	СТ	06519

Ultimate Concrete Company, Inc	603 East Main Street	Waterbury	CT	06702
Urban Contractors of CT, LLC	3080 Main Street	Hartford	CT	06120
URS Corporation	500 Enterprise Drive	Rocky Hill	CT	29090
VIP Supply, Inc	68 Nod Road	Clinton	CT	06413
Vandzant, LLC	732 Plainfield Road	Griswold	CT	06351
Vibra-Conn, Inc	49 Center Street	Winsted	CT	86090
VMS Construction Company	120 Bolton Road	Vernon	CT	99090
W B Mason Company, Inc	2460 State Street	Hamden	CT	06517
Walch & Company, Inc	35 North River Road	Tolland	CT	06084
Warning Lights & Scaffolding	16 Hamden Park Drive	Hamden	CT	06517
Water and Waste Equipment, Inc	100 Sebethe Drive	Cromwell	CT	06416
Waters Construction Company, Inc	300 Bostwick Avenue	Bridgeport	CT	06605
Weber's Nursery, Inc	33 Charles Street	Newington	CT	06111
Whitehawk Construction Services, LLC	50 Albany Turnpike	Canton	CT	06019
Whiting-Turner Contracting Company	395 West Street	Rocky Hill	CT	29090
Wiese Construction	282 Franklin Street	Norwich	CT	06360-4556
Windsor Sanitation, Inc	58 Poquonock Avenue	Windsor	CT	96090
WJ Mountford Company	170 Commerce Way	South Windsor	CT	06074
YVES LePine	20 Farm Lane	Portland	CT	06480
Zlotnick Construction, Inc	161 Storrs Road	Mansfield Center	CT	06250
Zuvic, Carr and Associates, Inc	40 Cold Spring Road	Rocky Hill	CT	29090



December 22, 2015

State of Connecticut Debarment List Pursuant to Section 31-53a(a)

No contract shall be awarded to any person or firms appearing on this list or to any firm, corporation, partnership, or association in which such persons or firms have an interest until the expiration date listed has elapsed.

Please be informed that the following persons or firms have been debarred in accordance with Section 31-53a of the Connecticut General Statutes, as amended:

DEBARMENT LIST

Name of Person or Firm	Expiration Date
-Canterbury Communications, Canterbury	Indefinite
Marion T. Mershon, an individual	Indefinite
-City Electrical Enterprises LLC, Hartford	Indefinite
Lloyd Thompson, an individual	Indefinite
-Elite Roofing, Cheshire	Indefinite
Sam Stevens, an individual	Indefinite
-Gatollari Enterprises Inc., Rochelle Park, NJ	Indefinite
Robert Gatollari, an individual	Indefinite
-Greenland Enterprises Inc., Wayne, NJ	Indefinite
Oneil Mendez, an individual	Indefinite
Raymond Blum-Romero, an individual	Indefinite
-Jarosz Welding Company Inc., Hartford	Indefinite
Andrew W. Jarosz, an individual	Indefinite
-SCD Services, LLC, Somers	Indefinite
Philip Snow, an individual	Indefinite
-Seakco Construction, Stamford	Indefinite
Robert Evans, an individual	Indefinite
-Sun Ray Electric, Prospect	Indefinite
Reinaldo DeSousa, an individual	Indefinite
-T&T Electrical Contractor's Inc., Hartford	Indefinite
Gerald T. Beaudoin III, an individual	Indefinite
William Torpey, an individual	Indefinite
Morgan J. Beaudoin, an individual	Indefinite

Any inquiries regarding this list should be directed to the Wage and Workplace Standards Division at (860)263-6790.

Sharon M. Palmer Labor Commissioner

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