AGENDA

University of Connecticut Board of Trustees

Buildings, Grounds and Environment Committee September 17, 2024, at 10:00 a.m. Virtual Meeting

Public Streaming Link (with live captioning): <u>https://ait.uconn.edu/bot</u>

(A recording of the meeting will be	e posted on the Board website
https://boardoftrustees.uconn.edu/	within seven days of the meeting.)

Call to order at 10:00 a.m.

1. Public Participation*

*Individuals who wish to speak during the Public Participation portion of the Tuesday, September 17, meeting must do so 24 hours in advance of the meeting's start time (i.e., 10:00 a.m. on Monday, September 16) by emailing <u>BoardCommittees@uconn.edu</u>. Speaking requests must include a name, telephone number, topic, and affiliation with the University (i.e., student, employee, member of the public). The Committee may limit the entirety of public comment to a maximum of 30 minutes. As an alternative, individuals may submit written comments to the Committee via email (<u>BoardCommittees@uconn.edu</u>), and all comments will be transmitted to the Committee.

2.	Approval of the Minutes of the Buildings, Grounds and Environment Committee Meeting of June 11, 2024	<u>TAB</u> 1
3.	 Proposed Modification of Distribution Right-of-Way Easements on UConn Property between Hunting Lodge Road and King Hill Road in Storrs for the benefit of Connecticut Light & Power (aka CL&P or Eversource) ➢ Presenter: Robert Corbett, Interim Associate Vice President of University Planning, Design & Construction 	2
4.	 Option Agreement Concerning Future Development of a Connected and Autonomous Vehicle Smart City at the UConn Depot Campus ➢ Presenter: Robert Corbett, Interim Associate Vice President of University Planning, Design & Construction 	3
5.	 Construction Assurance Office Report – September 2024 Ninth Biennial Report (July 1, 2022 through June 30, 2024) ➢ Presenter: Angelo Quaresima Associate Vice President and Chief Audit Executive 	4 5
6.	 New Professional Services and General Contractor On-Call Solicitation Summary Presenter: Joseph Thompson Associate Vice President of University Business Services and Chief Procurement Office 	6 er

7. Project Updates ~ Storrs Based Programs	7
Presenter: Robert Corbett, Interim Associate Vice President of University Plan	nning,
Design & Construction	C.
Presenter: Stanley Nolan, Interim Associate Vice President for Facilities Oper	ations
8. UConn Health Updates, Facilities Development and Operations	8
8. UConn Health Updates, Facilities Development and Operations	8

TAB

Presenter: George Karsanow, Associate Vice President for UConn Health Campus Planning, Design & Construction

9. Projects Reviewed by BGE and to be presented to Financial Affairs on 09/24/24:

Frojects Reviewed by BGE and to be presented to Financial Affairs on 09/24/24.			
STORRS BASED PROGRAMS	Phase	Budget	
UConn Tennis Facility	Final	\$3,450,000	9
UConn Waterbury at 36 North Main Street	Final	\$1,250,000	10
Branford House Exterior Repairs, Phases 1, 2 & 3	Revised Final	\$838,000	11
Gampel Ground Floor KSI Heat Lab	Final	\$975,000	12
George C. White Building Roof & Drainage System	Revised Final	\$985,800	13
System			
UCONN HEALTH			
Emergency Department Low Acuity Expansion	Planning	\$1,260,000	14
SODM 24/7 Student Random Access Lab	Planning	\$830,000	15
Renovation			
BB013 Animal Research MRI Renovation	Planning	\$2,570,000	16
ASB Data Center Generator and Power	Design	\$3,180,000	17
Improvements			
IT Critical Equipment Redundancy Room	Design	\$1,370,000	18
Garage 1, 2 & 3 Electric Vehicle Charger	Revised Final	\$620,000	19
Installation			
Hybrid OR#2 Fit-Out	Design	\$7,100,000	20
Southington Clinic Expansion	Final	\$1,900,000	21
New England Sickle Cell Institute Renovation	Revised Final	\$5,270,000	22
Cryo Electron Microscope Installation	Final	\$2,086,000	23
TB-121 Blood Bank Relocation	Revised Final	\$1,125,000	24
Psychiatry Seclusion Suite & Nurse Station	Revised Final	\$1,310,000	25
Security Renovation			
Fluoroscopy Equipment Replacement &	Revised Final	\$1,020,000	26
Renovation Canzonetti (F) Building Wound Care Center Renovation	Revised Final	\$1,330,000	27

INFORMATION ITEMS:

10. Summary of Individual Change Orders Greater Than 3% of Project Cost28(Storrs based projects)28

- <u>TAB</u>
- 11. Quarterly Construction Status Report, Period Ending June 24, 2024 <u>https://updc.uconn.edu/wp-content/uploads/sites/1525/2024/07/UConn-Quarterly-Construction-Report_06302024web-1.pdf</u>
- 12. Construction Projects Status Report <u>https://bpir.media.uconn.edu/wp-content/uploads/sites/3452/2024/06/Construction-Status-Report-6.26.24.pdf</u>
- 13. University Senate Representative Report
 ➢ Professor Amvrossios Bagtzoglou, University Senate Representative
- 14. 2025 BGE Meeting Schedule

29

- 15. Other Business
- 16. Executive Session
- 17. Adjournment

MINUTES

University of Connecticut Avery Point Campus Branford House – Gallery Conference Room 1084 Shennecossett Road Groton, Connecticut

Board of Trustees

Buildings, Grounds and Environment Committee

June 11, 2024 at 10:00 a.m.

Committee Trustees:	Charles Bunnell (virtual), Andrea Dennis-LaVigne (virtual), Marilda Gandara
UConn Health Board of Directors Directors Committee Members:	Francis Archambault, Jr., Richard Carbray, Jr.
Other Trustees:	Bryan Pollard (virtual), Thomas Ritter, Daniel Toscano (virtual)
University Senate Representatives:	Alexander Agrios
University Staff:	Robert Corbett, Cyndi Costanzo, Anne D'Alleva, Gail Garber, Nicole Gelston, Jeffrey Geoghegan, Amy Gorin, Katherine Grady, Jonathan Heinlein, David Hook (virtual), George Karsanow (virtual), Andrea Keilty (virtual), Mike Kirk, Eric Kruger (virtual), Dave Koehler (virtual), Nathan Lavallee, Lynn Lesniak (virtual), Joann Lombardo, Mona Lucas, Angelo Quaresima (virtual), Stephanie Reitz, Rubin Rubin (virtual), Annmarie Seifert, Joseph Thompson (virtual), Michelle Williams, Reka Wrynn
Guests:	Amy Yancey (virtual), UConn Foundation

Vice-Chair Gandara called the meeting to order at 10:01 a.m.

1. Public Participation

No members of the public signed up to address the Committee.

2. Minutes of the Buildings, Grounds and Environment Committee Meeting of April 10, 2024

On a motion by Director Archambault, seconded by Director Carbray, the Committee voted unanimously to approve the minutes of the April 10, 2024, Meeting.

3. Proposed Drainage Easement for UConn Property on Hunting Lodge Road, Storrs

On a motion by Trustee Rubin, seconded by Trustee Boxer, the Committee voted to recommend this item to the full Board for approval.

- 4. FY25 Capital Budget Presentation Presenter: Reka Wrynn, Associate Vice President for Budget, Planning and Institutional Research
- Construction Assurance Office Report June 2024
 Presenter: Angelo Quaresima, Associate Vice President and Chief Audit Executive
- 6. Project Updates ~ Storrs Based Programs
 Presenters: Robert Corbett, Interim Associate Vice President for University Planning, Design and Construction
 David Koehler, Director of Project Administration for Facilities Operations
- UConn Health Updates, Facilities Development and Operations Presenter: George Karsanow, Associate Vice President for UConn Health Campus Planning, Design & Construction
- 8. Projects Reviewed by BGE and to be presented to Financial Affairs on June 25, 2024, for Storrs Based Programs and UConn Health

This agenda item was informational.

9. Summary of Individual Change Orders Greater Than 3% of Project Cost (Storrs-based projects)

This agenda item was informational.

- 10. Status of Code Correction Projects
 - Construction Management Oversight Committee Quarterly Code Correction, Status Report – Code Exception Report
 - Quarterly Construction Status Report, Period Ending March 31, 2024

This agenda item was informational.

11. Construction Projects Status Report

This agenda item was informational.

12. University Senate Representative Report

There was no Senate Representative Report.

13. Other Business

There was no Other Business.

14. Executive Session (As Needed)

On a motion by Director Carbray, seconded by Director Archambault, the Committee voted unanimously to go into Executive Session at 11:07 a.m. pursuant to Connecticut General Statutes section 1-210(b)(1).

The following Trustees were in attendance: Bunnell (virtual), Dennis-LaVigne (virtual), Gandara, Pollard (virtual), Ritter, Toscano (virtual).

The following UConn Health Board of Directors were in attendance: Archambault and Carbray.

The following University staff were in attendance for the entire Executive Session: D'Alleva, Geoghegan, Corbett, Costanzo, Garber, Gelston, Gorin, Grady, Heinlein, Kirk, Lavallee, Lombardo, Lucas, Rubin (virtual), Seifert, Williams, Wrynn, Carone, Yancey (virtual).

The Executive Session ended at 11:55 a.m., and the Committee returned to Open Session at 11:56 a.m.

15. Adjournment

On a motion by Director Carbray, seconded by Director Archambault, the Committee voted unanimously to adjourn the meeting at 11:57 a.m.

Respectfully submitted,

Debbie L. Carone

Debbie L. Carone Secretary to the Committee



Jeffrey P. Geoghegan, CPA Executive Vice President for Finance & Chief Financial Officer UConn and UConn Health

September 25, 2024

TO: Members of the Board of Trustees
 FROM: Jeffrey P. Geoghegan, CPA Executive Vice President for Finance and Chief Financial Officer

RE: Proposed Modification of Distribution Right-of-Way Easements on UConn Property between Hunting Lodge Road and King Hill Road in Storrs for the benefit of Connecticut Light & Power (aka CL&P or Eversource)

RECOMMENDATION:

That the Board of Trustees approve the University Administration entering into an easement modification agreement with the Connecticut Light and Power Company (CL&P) to widen the existing distribution right of way on UConn-owned property for the purpose of upgrading CL&P's Transmission System to the University's 38E substation. The Administration recommends that the Board of Trustees adopt the Resolution below.

<u>RESOLUTION</u>:

"Be it resolved that the Board of Trustees authorizes the University Administration to enter into easement modification agreements with the Connecticut Light and Power Company to widen the existing distribution right of way on UConn-owned property located between Hunting Lodge Road and King Hill Road in Storrs."

BACKGROUND:

The proposed easements are to benefit the Connecticut Light and Power Company's planned upgrades to its Transmission System to serve the University's 38E substation. Effectively, CL&P has an existing 50' wide easement over UConn property and needs to widen the area to 100' for the new high voltage power lines. The proposed easement areas are shown on the map in <u>Attachment A</u> and is entitled "Right of Way Survey, Transmission Right of Way Across Property of the University of Connecticut and State of Connecticut to be Granted to the Connecticut Light & Power Company D/B/A/ Eversource Energy, Hunting Lodge Rd & King Hill Rd, Mansfield, CT," prepared by Barton & Loguidice and dated August 7, 2024. The final easement language remains subject to final negotiations. The University will not seek consideration for these easement modifications given the benefit in increased power capacity the University receives from the upgrades to the CL&P's Transmission System.



352 Mansfield Road, UNIT 1122, Gulley Hall Storrs, CT 06269 рноме 860-486-3455 jeffrey.geoghegan@uconn.edu

263 Farmington Avenue, MC 1920 Farmington, CT 06030 PHONE 860-679-3162 geoghegan@uchc.edu

An Equal Opportunity Employer

Attachment A: Easement Area





Jeffrey P. Geoghegan, CPA Executive Vice President for Finance & Chief Financial Officer UConn and UConn Health

September 25, 2024

TO:	Members of the Board of Trustees	
	Charl	
FROM:	Jeffrey P. Geoghegan, CPA	

- Executive Vice President for Finance and Chief Financial Officer
- RE: Option Agreement Concerning Future Development of a Connected and Autonomous Vehicle Smart City at the UConn Depot Campus

<u>RECOMMENDATION</u>:

That the Board of Trustees approve the Option Agreement between the University of Connecticut, as seller, and Promesa Capital LLC, as buyer, concerning the option to purchase approximately 15 acres of land at the UConn Depot Campus for the future development of a Connected and Autonomous Vehicle Smart City and Research Facility. The Administration recommends that the Board of Trustees adopt the Resolution below.

<u>RESOLUTION</u>:

"Be it resolved that the Board of Trustees approve the Option Agreement between the University of Connecticut, as seller, and Promesa Capital LLC, as buyer, concerning the option to purchase approximately 15 acres of land at the UConn Depot Campus for the future development of a Connected and Autonomous Vehicle Smart City and Research Facility".

BACKGROUND:

The Connecticut Transportation Institute (CTI), which is part of the UConn College of Engineering, conducts research in connected and autonomous vehicles and smart city/smart energy systems. In 2019, Promesa Capital LLC approached CTI about developing a Connected and Autonomous Vehicle Test Track, Smart City and Research Facility (hereinafter, the "CAV Smart City"). After conducting preliminary investigations on available property both on- and off-campus for development of a CAV Smart City, a determination was made that the most advantageous location for the facility would be at the UConn Depot Campus. It was also determined that an outright sale of the property to the buyer would be the most favorable approach for the University and for the project as a whole.

The University entered into an Option Agreement with Board of Trustee approval in June 2022 concerning the potential sale of approximately 105 acres of land for the CAV Smart City.

An Equal Opportunity Employer

Approximately half of the acreage was wetlands, and the proposed purchase price was \$5.0 million or approximately \$95,000 per developable acre. After completing its due diligence, the buyer determined that the wetland crossings would be too disruptive and that certain environmental conditions may exist on a portion of the site. The option was not extended and it expired in April 2023.

MATERIAL TERMS

Over the last year, Promesa Capital has continued to work on the potential project, completed additional due diligence and testing, and has rescaled the CAV Smart City development to be much smaller (but still acceptable to the UConn College of Engineering). The proposed new Option Agreement would grant Promesa Capital the option to purchase approximately 15 acres of the UConn Depot Campus with no wetlands for the purpose of constructing and operating a CAV Smart City. The proposed purchase price is \$1.5 million or \$100,000 per developable acre. Restrictive covenants on the property will be included in the deed and/or purchase and sale agreement to limit the use of the property to ones that are compatible with vehicle and/or energy research. An amount of \$1.05 million will be placed into escrow at closing and will be utilized for environmental remediation of the site and buildings if necessary.

The term of the Option Agreement is one year, during which time the buyer may complete design documents, cost estimates and seek zoning approvals from the Town of Mansfield. The term of the option is provided to the buyer for one dollar and the buyer may close on the sale after certain conditions are met, including financing confirmation and completing an operating plan acceptable to the College of Engineering. If the buyer elects to purchase the land within the option period, the University and buyer will use commercially reasonable efforts to enter into a purchase and sale agreement within sixty (60) days.

The buyer currently projects that the total cost of developing the CAV Smart City (including the purchase price of the land) will be in the range of \$15 million. The buyer is responsible for fully funding the land purchase and development and operation of the CAV Smart City.



LOCATION OF CAV SMART CITY NEAR CENTER OF UCONN DEPOT CAMPUS





Potential Phase 2 Area (Not included in Option)

BLOW-UP OF OPTION AREA ON DEPOT CAMPUS

UCONN UCONN HEALTH

September 17, 2024

TO:	Members of the Buildings, Grounds and Environment Committee
FROM:	Angelo Quaresima, Chief Audit Executive
	David Hook, Construction Auditor
RE:	Construction Assurance Office Report – September 2024

In accordance with CT General Statutes (CGS) Section 10a-109cc, the following is the statutory required report of construction performance reviews undertaken by the Construction Assurance Office (CAO) through August 2024:

The CAO continues to review active UConn 2000 funded projects for compliance with CGS Section 10a-109n and UConn's Capital Projects Policies and Procedures Manuals maintained by Finance, Capital Projects and Facilities Procurement, and University Planning, Design and Construction.



September 2024

Ninth Biennial Report

(July 1, 2022 through June 30, 2024)

of the

BUILDINGS, GROUNDS AND ENVIRONMENT COMMITTEE

- Marilda L. Gandara, Vice-Chair
- Charles F. Bunnell
- Andrea Dennis-LaVigne
- Jeanine A. Gouin
- Rebecca Lobo
- Francis X. Archambault, Jr.
- Richard T. Carbray, Jr
- Amvrossios Bagtzoglou

UNIVERSITY OF CONNECTICUT

UConn 2000 Infrastructure Improvement Program

INTRODUCTION

As noted in the fifth Biennial Report, the Construction Management Oversight Committee (CMOC) unanimously voted that it had successfully concluded its task as defined in Connecticut General Statutes section 10a-109bb and the four members appointed by the Governor and legislative leaders resigned from the CMOC. As of September 22, 2015, the Buildings, Grounds and Environment Committee (BGE) of the Board of Trustees of The University of Connecticut (BOT) assumed the statutorily assigned responsibilities of the CMOC. Effective July 1, 2024, Public Act 2024-22 repealed General Statutes section 10a-109bb eliminating the defunct CMOC and transferred its statutory responsibilities to the BOT/BGE.

This is the ninth Biennial Report submitted to the BGE for its review and appropriate actions. The report covers the period of July 1, 2022 through June 30, 2024 and includes a brief background of the University's statutory responsibilities.

Pursuant to General Statutes section 10a-109e, the University was authorized to undertake an infrastructure improvement program. The statute granted the University independent authority to renew, modernize, enhance, and maintain the University's infrastructure. Per General Statutes section 10a-109bb, the University is required to prepare a biennial report that entails a review and assessment of construction performance of UConn 2000 projects completed during the prior two-year period.

General Statutes section 10a-109bb also requires the BOT/BGE to conduct a review of the University's management of UConn 2000 projects for its conformance with the applicable policies and procedures governing construction undertaken pursuant to section 10a-109n. The statute further requires that the review incorporate information, including but not limited to, which is derived from the reviews of the quarterly reports submitted by the Construction Assurance Office (CAO). The CAO issues quarterly reports to the BOT through the BGE, which performs the initial review of the CAO reports.

Effective April 2021, the CAO function and its statutory responsibilities were transferred to the University's Chief Audit Executive (CAE). The CAO operates as an independent unit within Audit and Management Advisory Services (AMAS) and includes one staff member to perform the statutorily required reviews of construction performance of UConn 2000 projects. The CAO functionally reports to the BGE/BOT and the President.

In accordance with General Statutes section 10a 109bb, the following information is provided within the Ninth Biennial Report:

- Policy and Procedures Background
- Policy and Procedures Compliance
- Summary of Quarterly Reports

POLICY AND PROCEDURES BACKGROUND

In 2006, the consulting firm Carter Burgess was retained to help develop capital program policy and procedure manuals for the University. Prior to developing draft manuals, Carter Burgess conducted a review of federal and State laws governing building construction contracts and sought input and review from all relevant state and University officials, including the CAO. University departmental policies and procedures were presented to CMOC and approved on September 4, 2008. Subsequent revisions to the policy and procedure manuals have been incorporated to address changes in technology undertaken by the industry to improve efficiency. The revised procedure manuals continue to be based upon guidelines and principles to assure the following:

Compliance with legislation: University wide policies; national, state, and local codes and regulations; and other University departmental policies and procedures.

Accountability for those in key positions within University Planning, Design and Construction (UPDC), other applicable University departments, and with outside stakeholders (architects, engineers, construction managers, contractors, state officials, etc.) to ensure their roles are well defined and effectively executed in each project.

Auditability of all fiscal decisions, actions, authorizations, financial transactions, and process checkpoints; all processes must be predictable, repeatable, trackable, and traceable during the execution of a project by both internal monitors and independent third parties.

Efficiency with both time and resources used to accomplish the desired project result; public funds must be utilized expeditiously and efficiently as funding is authorized.

POLICY AND PROCEDURES COMPLIANCE

Over the past eighteen years, all parties involved verified that policy and procedures developed and approved by the CMOC/BGE did not impede the completion of construction activities. Where needed, appropriate amendments to the policy and procedures were developed, approved by the CMOC/BGE, and implemented. The BGE last approved revised and updated policy and procedure manuals at their June 13, 2023 meeting which reflected technological and efficiency changes made to the capital project delivery process.

Building and fire code related plan review and inspection compliance are the responsibility of the University's Fire Marshal and Building Inspector's Office (FMBIO) and the Office of the State Building Inspector. For code compliance purposes, buildings are defined in two categories; the first is "threshold buildings" which meets height requirements of four stories and occupancy of one thousand or more people. The second is "below threshold" buildings. The State officials inspect threshold buildings, while below threshold buildings are the responsibility of FMBIO. No building is allowed to

be occupied without receiving a temporary, partial, or permanent Certificate of Occupancy or a Certificate of Approval.

The current capital project policy and procedure manuals, in conjunction with FMBIO responsibilities, continue to reinforce compliance with building and fire code requirements.

Depending on the nature of the project, the University typically uses one of the following contract methods for construction work: stipulated sum, design-build, or construction manager. For all capital projects, the University executes a contract with the lowest responsible qualified bidder.

Although the University requests that the professional consultants submit their fees, consulting architects, engineers and other professional services are selected based on a quality review process.

UPDC staff, along with design architects and/or engineers, provide project oversight to manage conformance with specifications and design drawings (plans). Any changes to original contracted work are paid to contractors or credited to the University using the Change Order (CO) process. These changes normally occur due to errors in design, unforeseen field conditions, user requested changes, weather affected changes, completion timing changes, etc.

Efforts to comply and adhere to the approved policy and procedures did not appear to restrict the timely completion of UConn 2000 projects. Independent third-party audit results support this conclusion.

SUMMARY OF QUARTERLY REPORTS

In addition to the CAO compliance review, audits are performed by three separate entities. AMAS and the Connecticut Auditors of Public Accounts perform audits related to departmental operations and selected construction projects. In accordance with General Statutes section 10a-109z, independent external auditors perform a review of the related BOT approval process, fiscal cost assignment accuracy, and the accuracy of approved project expenditures.

Completed UConn 2000 projects with costs in excess of \$500,000 were reviewed by CAO for compliance with statutory requirements. Project documentation was examined for conformance with policy and procedures at the following phases of the construction project life cycle:

- Planning and Feasibility
- Procurement (Design Professional, Consultants, Contractor)
- Construction Contract Compliance
- Contract Changes
- Project Close-out

The CAO review process confirmed that the appropriate approval authority reviewed and approved the construction project for compliance with building and fire codes.

The UConn 2000 projects reviewed by the CAO are listed within Appendix A of this report. Eight projects met the statutory compliance requirements during the reporting period, with cumulative expenditures totaling approximately \$168.8 million. The CAO concluded that the University managed these UConn 2000 projects in compliance with approved policies and procedures.

Appendix A

UConn 2000 Projects Reviewed July 1, 2022 through June 30, 2024

Statutory Name	Child Project Name	Project Number
DM/Code/ADA/Inf Imp & Reno Lump Sum/UA&S Fac		
DM/Code/ADA/Inf Imp & Reno Lump Sum/UA&S Fac	Parking-Stamford Campus Surface Lot	300024
DM/Code/ADA/Inf Imp & Reno Lump Sum/UA&S Fac	no Lump Torrey Life Sciences 2nd Floor Biology Renovation	
Residential Life Facilities	Res Life Fac - North Campus Res Hall Reno- Ph II	300164
Technology Quadrant-Phase III	Tech Quad Ph III-Innovation Partnership Bldg.	901661
DM/Code & ADA/In Imp & Reno Lump Sum/UA&S Fac	Campus Wayfinding Improvements	300018
DM/Code & ADA/In Imp & Reno Lump Sum/UA&S Fac	NER East Steam Repair	300185
DM/Code & ADA/In Imp & Reno Lump Sum/UA&S Fac	Kinesiology Bldg. HALL Renovation	300188

New Professional Services and General Contractor On-Call Solicitation Summary

New On-Call Program Solicitation

• On-Call Program Solicitations for various Professional Service categories and General Contractors were recently conducted.

<u>Professional Services</u>

- 11 categories
- 190 submissions received
- 77 suppliers awarded
- Supplier selection for potential work based on rotational/equalization basis
- Contract Term 5/1/24 through 4/30/27
- Contract extension: at University discretion
- AG requirement for max value in contract now included

<u>General Contractors</u>

- 1 category
- 15 submissions received
- 10 suppliers awarded
- Supplier selection for potential work based on lowest responsible bidder
- Contract Term 5/1/24 through 4/30/27
- Contract extension: Not applicable
- AG requirement for max value in contract now included

	On-Call Professional Services (up to \$1M)		
	2024-2027		
	Category	Number of Submissions Received	Number of Contract Awarded
1	General Architecture	37	16
2	Architectural Services, Small Projects (Set-Aside)	19	7
3	HazMat	10	4
4	Project Management Oversight	20	6
5	Structural Engineering	21	9
6	MEP	23	10
7	CEPA/NEPA	6	1
8	Geo-Technical Engineering	12	8
9	Roof Consultant	8	4
10	Environmental Permitting	14	5
11	Commissioning	20	7
	TOTALS	190	77

	On-Call General Contractor Program (\$100K - \$1M) 2024-2027		
	Category	Number of Submissions Received	Number of Contract Awarded
1	General Contractor	15	10
	TOTALS	15	10

Buildings, Grounds, and Environment Committee

University Planning, Design and Construction Facilities Operations

September 17, 2024 Complete Report



Agenda

UPDC Resolutions for September BOT Meeting

Eversource Right of Way UConn Tennis Facility UConn Waterbury at 36 North Main Street Connected and Autonomous Vehicle- Smart City

Highlighted UPDC Projects

UPDC Projects in Construction UPDC Projects in Design

Real Estate Projects

Regional Housing Off-Campus Development

Huskies Walk & Champions Way

Facilities Operations Resolutions for September BOT Meeting

Branford House Exterior Repairs, Phases 1, 2 & 3 Gampel Ground Floor KSI Heat Lab George C. White Building Roof & Drainage System

Highlighted Facilities Operations Projects

Facilities Operations Projects in Construction Facilities Operations Projects in Design

Appendix

UPDC/Facilities Operations Projects in Planning and Close Out



UPDC Projects for September BOT Meeting



UConn Tennis Facility

Scope:

- Support building that complies with Title IX requirements, associated utility infrastructure, and other site improvements
- New building will serve as a satellite location for the team lockers and offices located in the Guyer Gymnasium
- Public restrooms, a team locker room and restroom, and a flexible space for use by coaches and staff
- Replacing off-street grass/gravel parking with a designated paved area and an accessible parking space
- Sidewalks and crosswalks for universal access and improved pedestrian safety
- Infrastructure improvements include transformer upgrades and new telecom, water, sewer, gas and electrical lines

Budget: \$3.45M, Final- Pending September BOT Approval

Schedule:

- Construction Documents & Bidding complete August 2024
- Construction: Fall 2024 Summer 2025

Key Issues & Risks:

- Construction logistics
- Winter conditions



Site plan and building elevations

University Planning, Design and Construction



UConn Waterbury at 36 North Main Street

<u>Scope</u>: The University entered a lease to provide the School of Nursing, Allied Health, Psychological Services, Urban & Community Studies, Business, and Community Partners additional academic, research and support space for the UConn Waterbury Campus. This project provides:

- IT Infrastructure connecting the leased building to the existing campus
- ° Air conditioning for UConn server equipment
- ° Security Upgrades
- ° Furniture and AV equipment for new classrooms
- ° Instructional equipment for School of Nursing Simulation Lab

Budget: \$1.25M, Final - Pending September BOT

Schedule:

The furniture, fixtures and equipment procurement will occur while the landlord completes interior fit-out for UConn occupancy in January 2025.

Key Issues & Risks: Coordination of installation with ongoing construction





University Planning, Design and Construction

CAV Smart City Land Option

<u>Scope</u>: The University entered into a land option in June 2022 with nine months due diligence for the potential sale of 100 acres of land at the Depot Campus (about 50% of which is wetlands). The developer believed the wetland crossings would be too difficult to attain and let the option expire. Continuing due diligence, the developer is currently proposing a staged development of the Smart City with a starting site of 15 acres with no wetlands.

<u>Purchase Price</u>: \$1.5 million, however \$1.05 millior will be placed in escrow to address environmental conditions on the site.

<u>Schedule</u>: The land option is for twelve (12) months to allow the developer to complete design and attain zoning approvals.

<u>Key Issues</u>: Closing will be conditioned on verification of financing and operational agreements

University Planning, Design and Construction





Potential Phase 2 Area (Not included in Option)



UPDC Project Status Summary

In Bidding/Construction

- Fieldhouse- Old Recreation Center Renovation- Phase 1
- South Campus Infrastructure
- Mirror Lake Improvements
- Residential Life- South Campus Residence Hall
- Gilbert Road Site Preparation
- UConn Tennis Facility
- XL Center- Academic Space Renovation
- UConn Waterbury at 36 North Main

In Design

- School of Nursing New Building
- Gant Building Renovation
- Fieldhouse- Old Recreation Center Renovation- Phase 2
- Werth Residence Tower High Humidity Mitigation
- Stamford Mill River Remediation
- University Second Electrical Feed
- PBB Research Support Expansion
- Northwest Residential Area- Thermal Comfort Improvements Hartford Café

In Planning

Active Transportation Grants Coventry Boathouse SHaW - Regional Campuses Stamford School of Nursing- Teaching Lab School of Fine Arts Collection Consolidation Golf Practice Facility

In Close-Out

NER and Discovery Drive Intersection Improvements Boiler Plant Equipment Replacement and Utility Tunnel Connection Supplemental Utility Plant NW Science Quad, Ph 2 Utilities and Site UConn 2000 Code Remediation - Stamford Freitas Renovation

Note: All projects have a degree of risk, primarily to scope and/or schedule and/or budget. In this report, the assessment of the risk per project is shown with a green, yellow or red box as follows:

Some Risk

📕 Least Risk

📕 Most Risk

Typically, projects in construction may have a risk to schedule and/or to budget; projects in design and planning may have a risk to scope and/or schedule and/or budget.

University Planning, Design and Construction



UPDC Projects in Construction


Field House – Old Recreation Center Renovation

Scope:

- Athletics backfill of the Field House-Old Recreation Center
- Renovation of the existing locker rooms and team offices
- Academic Center- consolidation of Student-Athlete Success Program
- New ERG Room for Women's Rowing
- Renovation of Strength & Conditioning and Sports Medicine Areas
- <u>Budget</u>: \$15.5M- Approved Phase 1 Construction
 - Phase 2 final cost pending. Total project estimate is \$90 million
- <u>Schedule</u>:
 - Expected design completion is late Fall 2024. Phase 1 (Wolff Zackin Natatorium) GMP contracted with construction scheduled Spring 2025 Fall 2025. Phase 2 (Balance of Field House) will be bid in January 2025 and constructed between Summer 2025 and Winter 2027
- <u>Key Issues & Risks</u>: Cost escalation and supply chain concerns, especially concerning long-lead items, and swing space/relocation requirements and plans need to be further developed

University Planning, Design and Construction



View of Proposed Student Academic Center



9

South Campus Infrastructure

- Scope:
 - Replace aging steam and other infrastructure on the South side of campus to increase efficiency and reliability of existing utilities; provide utilities, including a sustainable geothermal heat exchange system connected to the existing South Campus Chiller Plant and to the South Campus Residence Hall.
- <u>Budget</u>: \$89.5M, Approved Revised Final
- <u>Schedule</u>:
 - All project phases have been bid. Work necessary for the occupancy of the South Campus Residence Hall was substantially complete in August 2024, and all roadways impacted by the work have reopened.
 - Work on the geothermal well field is 90% complete. Construction of the chiller plant addition is underway, with foundations and exterior walls anticipated to be completed by December 2024. Partial closure of S lot continues.
 - Construction July 2023 May 2025, with in-service date of electrical equipment for the South Campus Chiller Plant potentially as late as Spring 2026.
- Key Issues & Risks: Long lead times for mechanical and electrical equipment, maintenance and operation of temporary cooling and emergency power equipment.



Completed utility installation and restored Gilbert Road



Installation of geothermal system, S Lot ¹⁰



Mirror Lake Improvements

Scope:

- Construction of the New School of Nursing Building, South Campus Residence Hall and associated infrastructure requires stormwater improvements for environmental compliance
- A near-term, phased scope of work within a reduced budget and an updated feasibility study that was mutually satisfactory to CT DEEP was completed, and included two key components of work:
 - (1) Interim improvements and/or repairs to the dam and spillway due to its hazard class and existing conditions
 - (2) Stormwater attenuation and water quality improvements associated with past and active development
- Emergency Action (Safety) Plan for the dam remains in effect <u>Budget</u>: \$11.5M, Final, BOT approval June 2024 <u>Schedule</u>:
 - Construction Document Phase complete January 2024
 - Environmental permit reviews and notices nearing completion
 - Bidding & GMP complete, preconstruction commencing
 - Construction: March 2025 January 2026

Key Issues & Risks:

- Environmental and construction permitting review periods
- Bid alternates not accepted include forebay and walkway across dam
- Construction logistics, including traffic controls on SR-195
- Future Phase 2 work (dredging/forebays) TBD



Basis of Feasibility Study, Revised Design and Master FMC MOU Amendment with CT DEEP



Project is projected to be \$5 to \$8 million under budget

- Schedule:
 - Construction commenced November 7, 2022
 - Construction completed July 7, 2024
 - Residence Hall Opened on August 20, 2024
- Key Issues & Risks: Project close-out pending

South Campus Residence Hall

- Scope:
 - Construction of a new 647 bed Residence Hall and 500 seat Dining Hall in the South Campus
- Budget: \$215.0M, Approved Final



View looking southwest of construction on the two L-shaped wings of the Residence Hall



Gilbert Road Site Preparation

- <u>Scope</u>:
 - Preparation of the area along Gilbert Road for the South Campus Residence Hall
 - ° Exterior House Restoration
- <u>Budget</u>: \$6.6M, Approved Final
 - Both Phases of the project are on budget
 - Spending to be capped at \$6.0 million
- <u>Schedule</u>:
 - Relocation portion of the work is complete (Phase 1).
 Exterior restoration scope (Phase 2) has been bid and awarded.
 - ° Phase 2 work commenced in spring and will be complete by the end of 2024
- <u>Key Issues & Risks</u>: SHPO's expectations concerning the overall project



4 Gilbert Road - House Relocation



XL Center - Academic Space Renovation

- <u>Scope</u>: Providing IT services, audio-visual systems and furniture for occupancy of a 51,000 SF space under a five-year lease at the XL Center.
- Budget: \$1.039M Final Approved BOT
- <u>Schedule</u>:
 - Lease fully executed
 - Tenant Fit-Out Work: Summer 2024- Fall 2024
 - Anticipated Opening: September 15, 2024
- Key Issues & Risks:
 - Aggressive schedule, lead times for equipment and furniture



229 Trumbull Street Entrance at the XL Center



UPDC Projects in Design



School of Nursing New Building

<u>Scope</u>:

- ² Construction of a new School of Nursing building on a site adjacent to Philips Communications Science Building and the Human Development Center in South Campus
- ° Design-bid-build delivery method on an aggressive three-year completion schedule
- <u>Budget</u>: \$5.4M Approved Design BOT October 2023
 - Design kicked-off in October 2023
 - CM selection process completed Winter 2024
 - Final budget approval likely in October 2024

• <u>Schedule</u>:

- ° Design October 2023 to September/October 2024
- ° Phased bid anticipated
- ° Bid & Contracting Fall 2024
- ° Tentative Construction November 2024 to Fall 2026
- Key Issues & Risks:
 - ° Aggressive schedule and tight budget
 - ° Long lead mechanical and electrical equipment
 - ° Difficult site and swing space available

University Planning, Design and Construction



New School of Nursing Building (View looking Northeast)



Gant Building Renovation - STEM

- <u>Scope</u>: 300,000 GSF Renovation
 - [°] Teaching labs, faculty offices and support space upgrades
 - [°] Infrastructure and Envelope Upgrades
 - ° Targeting LEED Gold
- <u>Budget</u>: \$170M, Approved Revised Final for Ph 1 & 2
 - $_{\circ}$ $\,$ $\,$ Phases 1 and 2 complete.
 - Phase 3 (Gant North Wing) scope being reassessed to meet available funding and updated space and programming needs.
- <u>Schedule</u>:
 - ° Construction Phase 1: Winter 2018 Summer 2019
 - ° Construction Phase 2: Fall 2019 Spring 2021
 - ° Phase 3: Recommencing Design Fall 2024
- <u>Key Issues & Risks</u>: Phase 3 cost escalation, long lead times for mechanical and electrical equipment.



View of 4th Floor North Wing Addition from North Eagleville Rd



Werth Residence Tower High Humidity Mitigation

- Scope:
 - Mock-up testing indicates that dry air needs to be delivered to the student residence rooms to lower the humidity levels and reduce moisture. The mock-up testing determined modifications to the air distribution within the rooms is required to minimize condensation on the windows during heating season is ongoing.
 - Temporary dehumidification equipment has been installed in the corridors to help lower the humidity level in the building this upcoming academic year. The final replacements will be done during the summer of 2025 due to long lead times for equipment procurement.
- <u>Budget</u>: \$8.5M, Final Approved BOT
- <u>Schedule</u>:
 - Dec 2023-March 2024 Design temporary measures
 - March 2024 May 2024 Install temporary dehumidification system
 - Summer 2025 Install new rooftop equipment and ductwork to rooms
- Key Issues & Risks:
 - Supply chain timeline for mechanical and electrical equipment and controls







Stamford Garage – Mill River Remediation

- Scope:
 - Remediation of environmentally-impacted soils and sediments at the Mill River adjacent to the west of UConn's parking lot
- <u>Budget</u>: \$0.5M, Approved Planning, construction funding TBD
- <u>Schedule</u>:
 - Initial Ecology Report and testing completed and submitted in September
 2020. DEEP requested additional study.
 - Access agreements from adjacent property owners completed and second round of testing of river completed Fall 2022
 - [°] Updated reports and testing results submitted to DEEP. DEEP still reluctant to finalize a remediation level. Additional risk assessment testing was done and submitted to DEEP in Spring 2024.
 - ° Target Remediation Date: TBD. No earlier than Fall 2025
- <u>Key Issues & Risks</u>: Extent of remediation may include adjacent properties not owned by UConn. Permitting of work will take 9 – 12 months after agreement on scope with DEEP. Budget will depend on remediation scope of work. Market escalation.



Mill River adjacent to UConn Parking Lot



University Second Electrical Feed

• <u>Scope</u>:

- Construction of a new UConn 38E switchyard adjacent to the Supplemental Utility Plant (SUP) and connection to Eversource transmission lines.
- Budget: \$15.0M Approved Final, Phase 1, September 2023 BOT
- <u>Schedule</u>:
 - ° Design continues and has been completed through the selection of certain equipment with long lead times.
 - [°] Phase 1, the procurement and installation of equipment with long lead times, has been bid. An additional long lead time equipment procurement phase may be necessary.
 - Construction Schedule: TBD based upon updated lead times for equipment and completion of design.
- <u>Key Issues & Risks</u>: Environmental permitting, long lead times on equipment and cost escalation due to large volume of transmission upgrades nationwide, Eversource's completion of its enabling projects.



UConn 38E Switchyard and Eversource Transmission Line Connection

Note: Eversource switchyard and connection to 38E by Eversource

PBB Research Support Expansion

- <u>Scope</u>: Fit-out the shell space adjoining the existing research support facility within the Pharmacy Biology Building on the Storrs Campus for a vivarium. The area of the project is approximately 3,850 NSF.
- Budget: \$1.0M -Design & Bidding
- Anticipated total budget: \$10,000,000
- <u>Schedule</u>:
 - Target Construction Spring 2025 Spring 2026
- Key Issues & Risks:
 - Vibration/noise/dust working in an occupied research facility



PBB Vivarium



Northwest Residential Area- Thermal Comfort Improvements

- <u>Scope</u>: Provide air conditioning to the six dormitory buildings in the Northwest Housing Complex. The number of buildings air conditioned will be determined after enhanced schematic design based on available budget
- <u>Budget</u>: \$280,000- Enhanced Schematic Design PRC Approved, Final Budget TBD
- <u>Schedule:</u> Enhanced Schematic Design Complete October 2024, Final Design Complete December 2024, Construction May 2025 – August 2025
- Key Issues & Risks:
 - Availability of equipment



22

Hartford Cafe

<u>Scope</u>: Build out a café space on the 1st Floor of the Hartford Times Building to provide students with an affordable option and to address student food insecurity.

Budget: \$100,000 approved Planning

 Target budget in the range of \$750,000 to \$950,000

Schedule:

- Design: Winter 2024-Summer 2024
- Bidding anticipated Fall 2024
- Construction Summer 2025-Fall 2025

Key Issues & Risks: Long-lead Dining Service Equipment

University Planning, Design and Construction







23

Real Estate Update





Real Estate Projects

<u>36 N Main Street - Waterbury</u>: Construction anticipated to be complete in December 2024, so the University will occupy the building commencing Spring 2024-2025 semester.

<u>10 Willowbrook Road</u>: Recommenced discussions about a possible lease of the house to Chabad.

<u>Celeron</u>: Recommenced discussions with owner about a ground lease extension for existing apartments on Hunting Lodge Road.

Fairfield Ag Extension: Discussing potential resolutions to eviction notice and long-term property use.

<u>Cell System Licenses</u>: Due to evolution of 5G, and planning for future 6G systems, all major telecom companies are proposing equipment upgrades and changes at the cell towers.

<u>SON Stamford</u>: Project pending to relocate the teaching facilities into the main campus building in Stamford so we can terminate the lease at their current location.

Housing at Regional Campuses

<u>UConn Hartford</u>: Term Sheet was executed earlier in the summer. Drafts of the development agreement and master lease have been developed and are being negotiated.

<u>UConn Stamford (Long Term)</u>: RFEI issued in April to determine if we can procure more favorable terms for housing long-term with a target range for total beds between 650 – 750 beds. We received 10 Responses and have had discussions with three (3) shortlisted properties.

UConn Avery Point: RFEI responses received in late July and are under review.

<u>UConn Waterbury</u>: On-going discussions continue with adjacent residential building about improving marketing opportunities for housing incoming students.

<u>UConn Law School</u>: Owner of land adjacent to Law School submitted plans for development of 199 new apartments on the site.



Facilities Operations Projects for September BOT Meeting



Branford House Exterior Repairs, Phases 1, 2 & 3

<u>Scope</u>: This project involves repairing the building envelope of the historic, three-level, granite-masonry Gilded-Age manor at the Avery Point campus. Elements of the work include the following: repointing mortar joints, repairing/replacing granite masonry units, flashing, perimeter sealants, selective slate roof tile replacement, copper roof repairs, and copper gutter/downspout repairs. The work also incorporates repair of windows, including removal and reinstallation, new wood blocking, flashing and sealants. This aligns with the strategic initiatives Seven World-Class Campuses, One Flagship University and Husky Pride & Resilience.

Budget: \$838,000 - Approved Final

<u>Schedule</u>: Phases 1 and 2 have been completed Phase 3 design in progress 2024 Q3

Key Issues & Risks: Design exceeding final budgeted values





Gampel Ground Floor KSI Heat Laboratory

<u>Scope</u>: This project is the renovation of an existing locker room into the new heat laboratory. This more than doubles the research capabilities of the Korey Stringer Institute for Kinesiology. It also introduces an added unique capability of high-altitude conditions for research. This aligns with the strategic initiative Excellence in Research, Innovation, and Engagement.

Budget: \$975,000- Revised Final Budget

<u>Schedule</u>: Design Completion 2024 Q3 Construction Completion 2024 Q4

Key Issues & Risks: Equipment lead time schedule.







Facilities Operations

29

George C. White Building Roof & Drainage System

Background:

Design work has been completed for the entire building as one large project. Construction work for roof replacement was separated into three phases. Construction of Phases 1& 2 have been completed. Phase 3 repackaging of design documents is in progress with completion late fall 2024. Phase 3 bid expected over winter 2025, with anticipated construction start scheduled for May 2025. This will complete the White Building Roofs and Drainage System Replacement Project. This aligns with the strategic initiatives Seven World-Class Campuses, One Flagship University and Husky Pride & Resilience.



Budget: \$985,800

<u>Schedule</u>: Phase 3 Repackage Design Docs 2024 Q3 Phase 3 Bidding 2024 Q4 Phase 3 Construction anticipated 2025 Q2

Key Issues & Risks: Funding availability for construction of Phase 3 based





Facilities Operations Project Status Summary

In Bidding/Construction

- Innovation Partnership Building Renovations for C2E2
- Jones Annex Renovation
- Homer Babbidge Library Stairs & Doors Upgrade
- Wilbur Cross Cupola Repair
- von der Mehden Recital Hall Roof Restoration
- Gampel Pavilion Enhancements
- Andover Infrastructure and Software Upgrade
- Electric Vehicle Charging Infrastructure & Service Upgrades
- Hydrogen Fuel Dispenser
- Fuel Cell Installations- IPB and Putnam Hilltop
- Dining Hall Ventilation Upgrades
- FY24 Residential Refresh Program- Buckley Hall
- FY24 Residential Refresh Program- Sprague Hall
- Garrigus Suites Environmental Systems Upgrade
- Additional Summer IMF and AR Projects

In Design

Energy Services Performance Contract Phase 2
White Building Roof and Drainage Replacement Phase 3
Branford House Exterior Repairs Phase 1, 2 & 3
Husky Village Exterior Refurbishment
Charter Oak Apartments Building Envelope Refurbishment
McMahon Roof Replacement

In Planning

None

In Close Out



North and South Garage Restoration Phase 4

Informational

Residential Refresh Program Summary

Note: All projects have a degree of risk, primarily to scope and/or schedule and/or budget. In this report, the assessment of the risk per project is shown with a green, yellow or red box as follows:

Least Risk

Some Risk

Most Risk

Typically, projects in construction may have a risk to schedule and/or to budget; projects in design and planning may have a risk to scope and/or schedule and/or budget.



Facilities Projects In Construction



Innovation Partnership Building Renovations for the Center for Clean Energy Engineering

<u>Scope</u>: Renovation of existing office areas, creating new labs in shell spaces and revising the layout of existing labs to accommodate new equipment. This aligns with the strategic initiative Excellence in Research, Innovation, and Engagement.

<u>Budget</u>: Final Revised Construction Budget : \$20,000,000

<u>Schedule</u>: Phase 1 Design Completed in 2024 Q1 Phase 2 Design Completed in 2024 Q2 Phase 1 Bids Received – 2024 Q3 within budget Phase 1 and Phase 2 Target Completion: 2025 Q4

Key Issues & Risks: Aggressive Schedule.







33

Jones Annex Renovation

<u>Scope</u>: Renovation of the Jones Annex building consolidating several outreach education fee-based services at one location. The consolidation will help facilitate efficiency between personnel, collaboration of group and increase opportunities for professional staff to contribute to undergraduate educational activities. This aligns with the strategic initiative Excellence in Research, Innovation, and Engagement.

Budget: \$4,940,000- Approved Revised Final

<u>Schedule</u>: Design Completed in 2024 Q2 Target Project Completion: 2025 Q2

<u>Key Issues & Risks</u>: Aggressive Schedule, increased material costs and overall construction budget.





Homer Babbidge Library Stairs & Doors Upgrade

<u>Scope</u>: This project includes the demolition of the existing defunct and decommissioned escalator and the replacement with a bluestone staircase. It also includes the removal and replacement of six storefront doorways on the 2nd, 3rd, 4th and plaza level to comply with building code. This aligns with the strategic initiative Excellence in Research, Innovation, and Engagement.

Budget: \$771,760 - Approved Final

<u>Schedule</u>: Phase 1 – entry doors to be replaced during Thanksgiving or Winter break. Phase 2 – Demolition of the escalator and rebuild of stairs scheduled for 2025 Q2.

Key Issues & Risks: None at this time.







Wilbur Cross Cupola Repair

<u>Scope</u>: Replace the existing cupola roof and provide new gold finish, repair/replace wood sections of the structure where rot and water damage exist on both the inside and outside of the cupola. Prep/Prime/Seal/Paint all interior & exterior surfaces. The repair to aging buildings and infrastructure extends building asset life. This aligns with the strategic initiatives Seven World-Class Campuses, One Flagship University and Husky Pride & Resilience.

Budget: \$932,000- Approved Final

<u>Schedule</u>: Construction 90 % completed, completion date of 2024 Q3

Key Issues & Risks: Weather, Hidden Conditions.





Von der Mehden Recital Hall Roof Restoration

<u>Scope</u>: Removal and replacement of the existing roof system. The work includes removal of the existing roofing system, installation of new code compliant insulation, install of new EPDM membrane, replace roof drain assemblies, refasten metal decking, new roof edge metal. The repair to aging buildings and infrastructure extends building asset life. This aligns with the strategic initiative Seven World-Class Campuses, One Flagship University.

Budget: \$720,000 – Approved Final

<u>Schedule</u>: On schedule, construction 95% complete, project scheduled to be completed in 2024 Q3

Key Issues & Risks: Weather, Hidden Conditions.







Facilities Operations

37

Gampel Pavilion Enhancements

<u>Scope</u>: This project includes replacement of the lower-bowl retractable seating system, replace and enhance the videoboard system, and upgrade to the show lighting system. This aligns with the strategic initiative Seven World-Class Campuses, One Flagship University and Student Success Journey.

Budget: \$10,000,000- Approved Final

<u>Schedule</u>: On schedule, construction (lighting and videoboard system upgrade) began this summer, to be completed by 2024 Q3 and the seating replacement will be scheduled in 2025 Q3.

Key Issues & Risks: Lead time for materials/labor.







Andover Infrastructure and Software Upgrade

<u>Scope</u>: Phase 5 of the upgrade to the building automation system (BMS) software includes four more facilities as well as upgrading the main BMS server. The system controls and monitors the buildings' mechanical and electrical equipment such as ventilation, lighting, power systems, fire systems and security systems. The upgrades to the aging software for buildings and infrastructure extends the building asset life. This aligns with the strategic initiatives in Wellness of People and Planet and Seven World-Class Campuses, One Flagship University.

- <u>Budget</u>: \$3,855,439 Approved Final Phases I IV \$500,000 - Phase V \$4,355,439 - Phases I through V
- <u>Schedule</u>: Phase 1, 2, and 3 are completed.
 Phase 4 has been completed this summer.
 Phase 5 construction started and scheduled for completion 2025 Q1.

Key Issues & Risks: Hardware Component Availability.







Electric Vehicle Charging Infrastructure and Service Upgrades

<u>Scope</u>: The project will install new EV charging equipment and upgrade infrastructure associated in 7 new locations at the Storrs Campus. This accelerates carbon mitigation towards reaching the Carbon Neutrality Goal by 2030. This aligns with the strategic initiatives Seven World-Class Campuses, One Flagship University and Wellness of People and Planet.

Budget: \$957,200 - Approved Final

Schedule: Construction Completion 2024-Q4

<u>Key Issues & Risks</u>: Lead time on material, Compliance with RCSA PR2023-023 section 22a-174-36d and Senate Bill 343 prohibiting charging in garage structures.





Hydrogen Fuel Dispenser

<u>Scope</u>: The project will install a hydrogen fuel dispenser at the Reclaimed Water Facility at the Storrs Campus to fuel light-duty vehicles (NEXOs and Mirai). The fuel dispenser includes (1) Electrical Enclosure, (1) Tube Trailer Stanchion, valve panel, cooling system, chiller, all piping for the interconnections and commissioning. This project accelerates carbon mitigation towards reaching the Carbon Neutrality Goal by 2030. This aligns with the strategic initiatives Excellence in Research, Innovation, and Engagement and Wellness of People and Planet.

Budget: \$835,500 - Approved Final

<u>Schedule</u>: Delayed due to contract challenges but the contract has been finalized/signed. There is a ten-month lead time on equipment, construction scheduled for 2025 Q1.

<u>Key Issues & Risks</u>: Lead time and manufacturing of the unit; contract challenges and securing the hydrogen for the equipment that's within budget.







Fuel Cell Installations- IPB and Putnam Hilltop

<u>Scope</u>: Energy Services Agreements will install and operate two 250 kW Fuel Cell Energy fuel cell units at IPB and two 460 kW Doosan Fuel Cell units at Putnam Hilltop. This project accelerates carbon mitigation towards reaching the Carbon Neutrality Goal by 2030 and provides additional electrical generation on campus. This aligns with the strategic initiatives Excellence in Research, Innovation, and Engagement and Wellness of People and Planet.

- <u>Budget</u>: FCE \$13 Million/8 Years VFS Doosan \$15 Million/20 Years
- <u>Schedule</u>: Putnam On schedule, construction in process and completion date scheduled for 2025 Q1. IPB – On schedule, design and permitting still in process.

Key Issues & Risks: Utility Interconnection.







Dining Hall Ventilation Upgrades

<u>Scope</u>: Dining hall ventilation upgrades to support energy conservation measures for 5 locations (Northwest, Towers, North, Rome, and Shippee). This project accelerates carbon mitigation towards reaching the Carbon Neutrality Goal by 2030. The upgrades to aging software for buildings and infrastructure extends the building asset life. This aligns with the strategic initiatives in Wellness of People and Planet and Seven World-Class Campuses, One Flagship University.

Budget: \$892,700 - Approved Final

<u>Schedule</u>: Northwest Dining Hall upgrade is complete, and Towers Dining Hall is in design with construction in process to be completed 2024 Q4.

Key Issues & Risks: Schedule based on dining services.





FY24 Residential Refresh Program – Buckley Hall

<u>Scope</u>: Buckley Hall remediation and refurbishment will be implemented over a phased 2-year period. Phase 1 is three floors and common spaces in the South tower including ACM abatement, replacing flooring, painting and lighting conversion to LED. Phase 2 (FY25) will be similar scope of work for the remaining floors of the South tower and the North tower. The repair to aging buildings and infrastructure extends building asset life. This aligns with the strategic initiatives Seven World-Class Campuses, One Flagship University and Student Success Journey.

Budget: \$1,500,000 – Approved Final

<u>Schedule</u>: On schedule Phase 1 construction completed 2024 Q3. Phase 2 construction scheduled for 2025 Q3.

Key Issues & Risks: Tight schedule, Lead time for materials/labor.




Garrigus Suites Environmental Systems Upgrade

<u>Scope</u>: This project involves extensions to and replacements in the existing building management system (BMS), including but not limited to new supervisory controllers and controllers for the boiler, air handlers, unit heaters, exhaust fans, and chilled water system; engineering and design; software upgrades and new control graphics; startup and commissioning. This project will align with the strategic initiatives of Seven World-Class Campuses, One Flagship University and Student Success Journey.





UCONN

Budget: \$620,000- Approved Final

Schedule: On schedule and construction 95% completed 2024 Q3.

Key Issues & Risks: Schedule.

Additional Summer IMF and AR Projects

- Residence Hall and Apartment Washer/Dryer Replacements
- Garrigus, Foster, Thompson Interior Refresh
- Arjona 143 Lecture Hall Renovation
- Towers/Husky Village Paint and Flooring
- Multiple Buildings Classrooms Refresh
- Alumni Center Window Replacement
- Art Ceramic Studio Building Window replacement
- Smart Parking Display Garages, Lots
- Spirit Rock Relocation
- Hilltop Apartments Refurbishment
- Budget: Annual Budgeted IMF
- <u>Schedule</u>: Commences 2024 Q2 Completion 2024 Q3 Semester Start

Key Issues & Risks: Tight schedule, Materials, Labor

- Bronwell Elevator Modernization
- Babbidge Library HVAC improvements
- Gampel Pavilion Generator replacement
- Holcomb, Troy, Windham hot water heater replacements
- Towers steam meter and valve replacement
- Steam Repairs at ESB, Gant South, Babbidge, Student Rec Center, Shippee
- Lighting Upgrades at Dodd, Atwater, Gampel, School of Business Classrooms and McHugh Lecture Hall
- Law School –Hosmer Roof Replacement

The repair to aging buildings and infrastructure extends building asset life. This aligns with the strategic initiatives Seven World-Class Campuses, One Flagship University and Student Success Journey.

*Please note, this does not include all Facilities Summer 2024 projects.

46

Facilities Projects In Design



Energy Services Performance Contract Phase 2

<u>Scope</u>: This project includes Energy Conservation Measures (steam/condensate line replacement, Retro-Commission 24 buildings (3M sq ft), LED Lighting Conversion 44 buildings (2.1M sq ft), Solar Canopies on various parking lots (1.6M sq ft). This project accelerates carbon mitigation towards reaching the Carbon Neutrality Goal by 2030. This aligns with the strategic initiatives Excellence in Research, Innovation, and Engagement and Wellness of People and Planet.

Budget: \$500,000 - Approved Planning

<u>Schedule</u>: Delay with Bid Process, currently with DEEP and AG's office for follow up discussion. IGE Audit Completion TBD.





Husky Village Exterior Refurbishment

<u>Scope</u>: Husky Village exterior refurbishment will include repairs and replacement of windows, siding and roofs of six individual buildings. The repair to aging buildings and infrastructure extends building asset life. The design phase will include costs for phases based on an investigative report of existing conditions and recommendations. This aligns with the strategic initiative Seven World-Class Campuses, One Flagship University and Student Success Journey.



Budget: Design \$125,000

Schedule: 2024 Q4

Key Issues & Risks: Funding.



Charter Oak Exterior Refurbishment

<u>Scope</u>: Charter Oak exterior refurbishment will include repairs and replacement of windows, siding and roofs. The repair to aging buildings and infrastructure extends building asset life. The design phase will include costs for phases based on an investigative report of existing conditions and recommendations. This aligns with the strategic initiative Seven World-Class Campuses, One Flagship University and Student Success Journey.

Budget: Design \$150,000

Schedule: 2025 Q1

Key Issues & Risks: Funding.





McMahon Roof Replacement

<u>Scope</u>: McMahon will include repairs and replacement of the roof. The repair to aging buildings and infrastructure extends building asset life. The design phase will include costs for phases based on an investigative report of existing conditions and recommendations. This aligns with the strategic initiative Seven World-Class Campuses, One Flagship University and Student Success Journey.

Budget: Design \$65,000

Schedule: 2024 Q4

Key Issues & Risks: Funding.





APPENDIX Projects in Planning and Close-Out





UPDC Projects in Planning



UPDC Projects in Planning

- Coventry Boathouse
 - Provide a new boathouse and locker room for the Women's Rowing Team
 - Project is on hold while University is negotiating with the Town of Coventry for land lease
- Golf Practice Facility
 - Fundraising ongoing, project initiation Fall 2024 (tentative)
 - Plan, design and construct an indoor practice facility with an outdoor driving range and chipping/putting greens.
- Active Transportation Grants
 - In partnership with OVPR and other campus stakeholders including the CT Transportation Institute, is pursuing multiple grant opportunities administered by USDOT. If awarded, these grants will allow the university to further progress on its Active Transportation Plan on key projects related to pedestrian safety and micromobility. Announcements of potential awards will begin in the second half of CY 2024.
- Wilbur Cross Planning
 - Reallocate spaces and accommodate needs resulting from the creation of One Stop Student Services by consolidating similar high-traffic student functions and backfill vacated spaces.

UPDC Projects in Planning

- SHaW at Avery Point Campus:
 - Student Health and Wellness services to be expanded to Avery Pt, renovation is needed to create spaces for mental health clinical case management, nurse navigation and wellness programming services.
- SHaW at Hartford Campus
 - Student Health and Wellness services will be expanded at the Hartford Campus; minor space enhancements to convert an existing office suite into a SHaW space, ensuring confidentiality and accessibility.
- Stamford School of Nursing (SoN) Teaching Lab Relocation
 - Relocation of the SoN teaching lab/simulation lab from leased space back to campus (lease to expire November 2024).
- School of Fine Arts collection consolidation
 - The consolidation of all SFA collections, currently housed in multiple cottages on Depot Campus under unsuitable conditions, into a single space that will ensure proper storage. The new facility will offer the necessary humidity and temperature controls, providing optimal conditions for preserving valuable collections: Sprague Historical costume collection, audio-visual, archival, and library collections of Puppetries of America, Ballard Institute, puppet collections, and Sicilian marionettes.
- Ratcliffe Hicks Meat Lab Renovation
 - Create a modernized lab to allow for an instructional space to offer students a comprehensive, hands-on education in the production and processing of meat products.



UPDC Projects in Close-Out



N Eagleville Rd & Discovery Dr Intersection Improvements

Scope:

- Essential, safety-related improvements to signalization and pedestrian facilities
- Replacement of outdated poles, mast arms, signal heads and other traffic control appurtenances
- New pedestrian signal heads, push button pedestals, dedicated left turn signal, curb ramps and crosswalks

Budget: \$3.0M, Approved Revised Final

<u>Schedule</u>:

- Construction fully mobilized November 2023
- Signals operational Summer 2024
- Completing punch list

Key Issues & Risks:

• Final DOT inspection



North Eagleville Road at Discovery Drive & Auditorium Road



Boiler Plant Equipment Replacement and Utility Tunnel Connections

- Scope: Boiler Plant Equipment Replacements and Utility Tunnel Connection
 - Scope of work includes extension of the tunnel and utilities from the Central Utility Plant (CUP) to the SUP, and installation of two new dualfuel boilers at the CUP and one new boiler at the SUP.
- <u>Budget</u>: Approved \$43.0M Revised Final BOT
- <u>Schedule</u>:
 - [°] Phase 1: Mechanical systems to receive new boilers: Complete
 - [°] Phase 2: Start-up of new boilers in CUP for winter heat: Complete
 - Phase 3: Installation of third new boiler in the SUP commenced in October 2022. Installation and piping work completed in Summer 2023.
 - [°] Rework of systems will likely continue into the Winter 2024
- <u>Key Issues & Risks</u>: Potential costs at close-out of all three phases. Tunnel steam pipe issues may require some rework in the CUP.



New Boiler installed in the Central Utility Plant



Supplemental Utility Plant

- <u>Scope</u>: Supplemental Utility Plant (SUP) to enable completion of the Next Generation CT Science program, including heating and cooling for the Gant Complex renovation and the new construction Science 1 research building.
 - Project includes 4 new chillers; 2 emergency generators; electrical switchgear.
 - Formerly known as Phase 2, construction with combustion turbines for power production is on hold pending study of renewable energy sources by University committees and working groups.
- <u>Budget</u>: \$67M Approved Final
- <u>Schedule</u>: Project in close-out
 - ° Construction Started Summer 2020
 - ° Construction Completed Summer 2022
 - Rework of some systems due to peer review will continue until the Winter 2024
- <u>Key Issues & Risks</u>: Coordination with Science 1 and NW Science Quad utilities and tunnel repairs and peer review



SUP View Looking South



SUP Interior View of 125 psi Steam Header



NW Science Quad, Ph 2 Utilities and Site

- <u>Scope</u>: NW Science Quad Site Development
 - Scope of work included extension of existing Gant utility tunnel (Ph 2) terminating at new SUP, direct burial utilities for connections to the campus loop, woodland corridor stormwater extension from Gant, surface parking, improvements to King Hill Rd, Alumni Drive and Hillside Rd.
- <u>Budget</u>: \$56M, Approved Final
- <u>Schedule</u>:
 - [°] Project is substantially complete and in close-out.
 - ° CO has been issued for all areas of the project.
- Key Issues & Risks:
 - None.



North Elevation Looking East



UConn 2000 Code Remediation – Stamford Downtown Relocation

- <u>Scope</u>: Remediation of code discrepancies relating to the original UConn 2000 project. Primary scope of work includes sprinkler, egress, fire separation assemblies and new restrooms.
- <u>Budget</u>: \$22M, Approved Revised Final
 - ^o Contract executed June 2021. Project will be completed within the budget
- <u>Schedule</u>:
 - [°] Phase I work completed Summer 2020
 - ° Phase II work substantially completed December 2022.
 - ° Phase III Atria wall remediation completed Summer 2023
 - Close-out of project with fire marshal completed and all discrepancies have been closed.
- Key Issues & Risks: None



New Exterior Stairwell at West Side of Building

Freitas Arena Renovation

- <u>Scope</u>:
 - Renovation of the former ice arena to support the Women's Volleyball program.
 - Phase 1: The work includes the decommissioning of the ice system, demo of the existing dasher boards, installation of new flooring and bleachers.
 - Phase 2: Renovation of the Women's locker room.
- Budget: \$3.0 Revised Final Approved BOT
- <u>Schedule</u>:
 - Phase 1: Completed in Summer/Fall 2023
 - Phase 2: Construction May 2024– August 2024
- Key Issues & Risks:
 - Schedule, cost, and long lead times for bleachers



Phase 1- volleyball courts complete



Facilities Projects in Close-Out



North and South Garage Restoration Phase 4

<u>Scope</u>: Repairs of the joint sealants, deteriorated or damaged concrete floors, beams, columns, walls, curbs, welded shear connectors, beam support, cleaning and repairs of the drainage system and paints miscellaneous surface and items. Improvement of building condition is to extend asset life. This aligns with the strategic initiative Seven World-Class Campuses, One Flagship University.

Budget: \$4,000,000- Approved Revised Final

<u>Schedule</u>: On schedule, 95% construction completed and working on close out documentation.

Key Issues & Risks: None.







FY24 Residential Refresh Program – Sprague Hall

<u>Scope</u>: Sprague Hall remediation and refurbishment will include replacing existing flooring, and painting upgrades in all student rooms, corridors and common areas. The repair to aging buildings and infrastructure extends building asset life. This aligns with the strategic initiative Seven World-Class Campuses, One Flagship University and Student Success Journey.

Budget: \$1,050,000- Approved Final

Schedule: Phase 1 construction completed 2024 Q3.

Key Issues & Risks: Tight schedule, Lead time for materials/labor.



Facilities Projects Informational



FY24 Residential Refresh Program – Buckley Hall

- Abatement and removal of hazardous materials in flooring and ceiling in 63 student rooms.
- Replace flooring with upgraded floor coverings in 63 student rooms and all hallways.
- Re-paint ceilings and walls in 63 student rooms.
- LED lighting replace throughout building.
- <u>Budget</u>: Approved \$1,500,000 Actual -\$1,208,832
- <u>Schedule</u>: Phase 1 construction completed 2024 Q3 Phase 2 construction scheduled for 2025 Q2/Q3.
- <u>Key Issues & Risks</u>: Tight schedule, smaller improvements to the space could impact overall renovation, i.e. replacement of shades, window cleaning, furniture replacement, etc.





FY24 Residential Refresh Program – Sprague Hall

- Abatement and removal of hazardous materials in 112 student rooms.
- Replace flooring with upgraded floor coverings in all student rooms, hallways, and stairwells.
- Re-paint ceilings and walls in all student rooms, hallways, and stairwells.
- <u>Budget</u>: Approved \$1,250,000 Actual - \$872,267
- Schedule: Construction completed 2024 Q3.

<u>Key Issues & Risks</u>: Tight schedule, smaller improvements to the space could impact overall renovation, i.e. replacement of shades, window cleaning, furniture replacement, doors refinished and adjustments.









FY24 Residential Hall Door Hardware Replacement

- Replace outdated key systems and hardware in North Campus, Northwest Complex, Busby Suites, Charter Oak Apartments, South Campus Complex, East Campus Complex, Husky Village, Hilltop Halls, Garrigus Suites, and Northwood.
- South Campus & Alumni closer upgrade.

<u>Budget</u>: Approved - \$1,000,000 Actual - \$842,249

<u>Schedule</u>: Northwest Complex, Hilltop Halls, Garrigus & South Campus Closers completed 2024 Q3. Busby Suites, Charter Oak, South Campus, East Campus, Husky Village, Northwood, & Alumni Closers projected completion 2025 Q2/Q3.

Key Issues & Risks: Tight schedule around Summer Conference and material lead time.







Facilities Operations

69

FY24 Laundry Machine Replacement Program

Accelerated the current 6-year laundry machine replacement program which was scheduled to be completed by FY28. Replacements still needed:

- 293 Apartment Dryers
- 207 Resident Hall Washing Machines
- 227 Resident Hall Dryers

This totals 727 new machines across campus.

<u>Budget</u>: Approved - \$990,000 Actual - \$807,672

Schedule: Completed 2024 Q3.

<u>Key Issues & Risks</u>: Coordination with Trades, Needing to upgrade valves and beyond in some locations.





FY24 Charter Oak Apartment Improvements

Foster and Thompson Hall were the proposed locations for refresh

- Replaced existing flooring throughout 48 apartment in both buildings.
- Added an accent wall in each of the 48 apartments.
- Painted all walls in 48 apartments and all 4 stairwells in both buildings.
- <u>Budget</u>: Approved \$920,000 Actual - \$831,269

Schedule: Completed 2024 Q3.

<u>Key Issues & Risks</u>: Cosmetic improvements. Furniture, cabinets, and appliances still need to be updated.





FY24 Garrigus and Busby Suites Common Area Improvements

Garrigus and Busby Suites Hallway flooring replacement

- Removed existing carpeting and baseboard
- Replaced existing carpet with LVT in Garrigus Suites
- Replaced carpet in areas of Busby Suite to match existing flooring throughout the building.
- <u>Budget</u>: Approved \$340,000 Actual - \$305,215

Schedule: Completed 2024 Q3.

<u>Key Issues & Risks</u>: Cosmetic improvements. Interior signage needs to be installed/upgraded, full painting of these common areas is needed.





FY24 Residential Refresh Program Project Budget to Actuals

	Account		Current	Actual	Encumbrance	Available
roject Number	Number	Project Name	Budget	Amount	Amount	Balance
ummer Residential Refresh						
O502330	4299640	Buckley Hall Abatement	624,000.00	376,108.75	18,830.00	229,061.25
O502339	4299630	Buckley Hall Refurbishment - Flooring/Move	499,000.00	222,692.92	254,104.22	22,202.86
O502341	4299620	Buckley Hall Refurbishment - Painting	99,000.00	64,255.65	33,402.73	1,341.62
0502343	4299610	Buckley Hall LED Lighting Upgrade	278,000.00	106,455.19	151,812.58	19,732.23
Buckley Total			1,500,000.00	769,512.51	458,149.53	272,337.96
O502344	4299600	Sprague Hall Abatement	318,000.00	220,386.00	7,897.50	89,716.50
0502345	4299590	Sprague Hall Refurbishment - Painting	214,522.06	95,711.70	57,576.90	61,233.46
O502351	4299580	Sprague Hall Refurbishment - Flooring/Move	517,477.94	218,389.19	280,203.15	18,885.60
Sprague Total			1,050,000.00	534,486.89	345,677.55	169,835.56
0502362	4299540	Foster Apartment Improvements	460,000.00	328,649.50	86,985.00	44,365.50
0502363	4299550	Thompson Apartment Improvements	460,000.00	317,949.50	97,685.00	44,365.50
0502364	4299560	Garrigus Hallway Flooring Replacement	290,000.00	266,420.00	-	23,580.00
MF2365 Busby Hallway Floor Replacement	4803340	Busby Hallway Flooring Replacement	50,000.00	38,795.00	-	11,205.00
0502396	4299670	Garrigus Suites Environmental Systems Upgrades	620,000.00	530,942.00	55,548.00	33,510.00
0502673	4299790	Husky Village Exterior Refurbishment	125.000.00	-	-	125,000.00
MF2675	4803740	Whitney Residence Hall Bathroom Renovations	95,000.00	-	-	95,000.00
MF2677	4803750	Holcomb Residence Hall Bathroom Renovations	95,000.00	-	-	95,000.00
MF2678	4803760	Sprague Residence Hall Bathroom Renovations	95,000.00	-	-	95,000.00
0502679	4299800	Charter Oak Apartments Building Envelope Refurbishment	150,000.00	-	-	150,000.00
0502680		Hale Residence Hall Bathroom Renovations	150,000.00	-	-	150,000.00
0502681		Ellsworth Residence Hall Bathroom Renovations	150,000.00	-	-	150,000.00
00280	4292590	Northwest Residential Area Thermal Comfort Improvements	280,000.00			
Design Total			1,140,000.00	-	-	860,000.00
1F Summer Residential Refresh			5,570,000.00	2,786,755.40	1,044,045.08	1,459,199.52
361	7701900	Residence Hall Door Hardware Replacement	850,000.00	835,660.59	6,955.32	7,384.09
358	7701900	FY24 Washer & Dryer Replacement Program	819,459.02	793,709.30	25,749.72	0.00
Captital Eq. Summer Residential Refresh	7701900	1 124 Washel & Diyer Reptacement Program	1,669,459.02	1,629,369.89	32,705.04	7,384.09
apatat Eq. Summer Residential Refresh			1,000,400.02	1,029,309.89	32,705.04	7,364.09
Jnassigned		Unassigned	300,540.98	-	-	300,540.98
uture Estimates & Planning & Design		Future Estimates & Planning & Design	460,000.00	-	-	460,000.00
otal Unallocated			760,540.98	-	-	760,540.98

73

ATTACHMENT 8

Buildings Grounds & Environment Committee

September 17, 2024

UConn Health Updates Facilities Development & Operations



Campus Planning Design and Construction

FUNDING STATUS :

FY25 CAPITAL POOL

- Approximately \$19.4 million allocated for FY25
- Pool used to fund requests for Clinical Equipment, IT and Capital Projects
- Funding requests totaling approximately \$6.95 million have been made to date.

DEFERRED MAINTENANCE, CODE COMPLIANCE & INFRASTRUCTURE IMPROVEMENTS

- Projects are reviewed and prioritized based on Guiding Principles.
- UConn 2000 Phase 3 DM Funding (FY22) \$25 million. Commitment of \$24.5 million to projects.
- GO Bond Funds for DM (FY23) \$40 million. Commitment of \$37.5 million to projects
- GO Bond Funds for DM (FY24) \$30 million. Planned allocations of \$27.25 million to upcoming projects.



Campus Planning Design and Construction *update*

Capital Project Metrics:



BOD / BOT BUDGET RESOLUTIONS

Вι	udget Resolutions for September BOT/BOD Meeting - projects in bold are being submitted to the Boards for the 1 st time
	Emergency Department Low Acuity Expansion (Planning \$1,260,000)
	SODM 24/7 Student Random Access Lab Renovation (Planning \$830,000)
	BB013 Research MRI Renovation (Planning \$2,570,000)
	ASB Data Center Generator and Power Improvements (Design \$3,180,000)
	IT Critical Equipment Redundancy Room <i>(Design \$1,370,000)</i>
	Garage 1, 2 & 3 Electric Vehicle Charger Installation (Revised Final \$620,000)
	Hybrid OR#2 Fit-Out (Design \$7,100,000)
	Southington Clinic Expansion (Final \$1,900,000)
	New England Sickle Cell Institute Renovation (Revised Final \$5,270,000)
	Cryo Electron Microscope Installation (Final \$2,086,000)
	TB-121 Blood Bank Relocation (Revised Final \$1,125,000)
	Psychiatry Seclusion Suite & Nurse Station Security Renovation (Revised Final \$1,310,000)
	Fluoroscopy Equipment Replacement & Renovation (Revised Final \$1,020,000)
	Canzonetti (F) Building Wound Care Center Renovation (Revised Final \$1,330,000)

Note: All projects have a degree of risk, primarily to scope and/or schedule and/or budget. Typically, projects in construction may have a risk to schedule and/or budget. Projects in planning and design may have a risk to scope and/or schedule and/or budget. In this report, the assessment of risk is shown with a green, yellow or red box as follows: Least Risk Some Risk Most Risk



Summary Project Status – Planning & Design

Board Projects – Planning phase

- Emergency Department Low Acuity Expansion
- SODM 24/7 Student Random Access Lab Renovation
- BB013 Research MRI Renovation
- CT-7 Inpatient & Research Renovations
- Main Bldg. Lab (L) Area Renovations 1st Flr
- Labor & Delivery Infant Protection System Replacement
- UT-7 Pharmacy Fit-Out

Board Projects – Design phase



Note: All projects have a degree of risk, primarily to scope and/or schedule and/or budget. Typically, projects in construction may have a risk to schedule and/or budget. Projects in planning and design may have a risk to scope and/or schedule and/or budget. In this report, the assessment of risk is shown with a green, yellow or red box as follows: Least Risk Some Risk Most Risk



Summary Project Status: Bidding & Construction

Board Projects – Bidding / Contract phase

Building F & Building M Roof Replacement

- Garage 1, 2 & 3 Electric Vehicle Charger Installation
- KB034 -036 Research Lab Renovation
- Cryo Electron Microscope Installation

Board Projects – Construction phase

- Muscular Skeletal Institute Rehabilitation Expansion
- CG045-047 Anatomic Pathology & Autopsy Renovation
- CT-7 Med Surg/Observation Unit Renovation
- Central Sterile Washer & Sterilizer Replacement
- New England Sickle Cell Institute Renovation
- TB-121 Blood Bank Relocation
- CGSB Data Center Cooling Upgrades
- Fluoroscopy Equipment Replacement & Renovation

Board Projects - Construction phase - continued



Note: All projects have a degree of risk, primarily to scope and/or schedule and/or budget. Typically, projects in construction may have a risk to schedule and/or budget. Projects in planning and design may have a risk to scope and/or schedule and/or budget. In this report, the assessment of risk is shown with a green, yellow or red box as follows: Least Risk Some Risk Most Risk


Campus Planning Design and Construction

Highlighted Project Updates



Emergency Department Low Acuity Expansion

Scope: This project will renovate a portion of the existing Emergency Department Waiting and Administrative area to create a low acuity patient treatment area to help address overcrowding.

Schedule: Schematic Design underway. Design complete: Dec 24 Bidding /Contract: Jan/ Feb 25 Construction: TBD

Budget: *\$1,260,000 (Planning).* Budget based on conceptual estimates. The Budget may change as the design is developed.

Issues/Concerns: None at this time





SODM 24/7 Student Random Access Lab Renovation

Scope: This project will upgrade and expand the existing dental simulator lab used by students to learn and practice dental procedures.

Schedule: RFP for design services underway. Design and construction schedule: TBD

Budget: *\$830,000 (Planning).* Budget based on conceptual estimates. The Budget may change as the design is developed.

Issues/Concerns: None at this time





BB013 Research MRI Renovation

Scope: This project will renovate space for a new research MRI specifically designed for small animals such as mice and rats.

Schedule: Design services underway. The MRI equipment fabrication and construction schedule are currently in alignment. Estimated completion: July 2025

Budget: \$2,570,000 (Planning). Budget based on conceptual estimates. The Budget includes the purchase of the MRI equipment and may change as the design is developed.

Issues/Concerns: None at this time



Funding Source: UCH Research IDC Capital & UCH SOM Operating Funds



ASB Data Center Generator and Power Improvements

Scope: The Administrative Services Building (ASB) is the site of the main UConn Health Data Center. This project will make improvements to the buildings emergency power distribution system, including the replacement of an existing exterior generator.

Schedule: Schematic Design work is complete. Tentative schedule: Design Complete - Oct 2024 Bid/Contract: Nov / Dec 2024 Construction duration: TBD

Budget: *\$3,150,000 (Design)*. Budget based on consultant estimates. The Budget may change based on bids received.

Issues/Concerns: Potential long lead time on electrical gear could impact the schedule.

Funding Source: UConn 2000 Phase 3 DM, FY23 GO DM





IT Critical Equipment Redundancy Room

Scope: This project will update the data systems and infrastructure within an existing tel/data room located in the John Dempsey Hospital to support UConn Health's Information Technology system recovery efforts to allow for business continuity in response to a major disruptive event.

Schedule: Schematic Design work is complete. Tentative schedule: Design Complete - Oct 2024 Bid/Contract: Nov / Dec 2024 Construction duration: TBD

Budget: *\$1,370,000 (Design).* Budget based on consultant estimates. The Budget may change based on bids received.

Issues/Concerns: Potential long lead time for HVAC equipment could impact the schedule.





Garage 1, 2 & 3 Electric Vehicle Charger Installation

Scope: UConn Health received grants from CT DEEP and Eversource to install (24) Level 2 electric vehicle (EV) charger stations in parking garages 1, 2 & 3

Schedule: Garage 2 & 3 construction is expected to be complete by November 24. Garage 1 bids have been received and contracting with low bidder is underway. Construction: TBD

Budget: \$620,000 (Revised Final) The budget is based on actual bids received the previously approved \$550,000 Final Budget was based on consultant estimates.

Issues/Concerns: None at this time.



Funding Source: UCH Energy Conservation Pool, DEEP VW Grant & Eversource Rebate



Hybrid OR#2 Fit-Out

Scope: This project will fit-out a shelled operating room within John Dempsey Hospital to create a 2nd Hybrid Operating Room.

Schedule: Schematic Design work is complete. Design Complete: Sept 24 Bidding / Contracting: Oct/Nov 24 Construction Start: Dec 24 Construction Complete: TBD

Budget: \$7,100,000 (Design). Budget based on consultant estimates. The Budget includes the hybrid OR imaging equipment. The budget may change based on bids received.

Issues/Concerns: Volatility in construction materials could impact the project schedule and budget.



Southington Clinic Expansion

Scope: This project will expand the Women's Health, Dermatology and ENT practices at the existing Southington clinic by leasing and fitting out a new 12 exam room clinic.

Schedule: After the Landlord backed out of providing the required design and construction services a traditional design/bid/build process was implemented. Tentative schedule: Bid/Contract – Oct/Nov 2024 Construction start/complete: TBD.

Budget: *\$1,900,000 (Final).* Budget is based on conceptual estimates. The \$1,325,000 Design budget was based on a Landlord's estimate which did not include prevailing wages and complete scope of work.

Issues/Concerns: The Budget may change as actual bids are received.





New England Sickle Cell Institute Renovation

Scope: This project will renovate the 4th floor of the Connecticut Tower to accommodate the New England Sickle Cell Institute and Connecticut Blood Disorders clinics.

Schedule: Additional work to address unforeseen conditions will delay the completion of the project beyond Sept 2024.

Budget: *\$5,270,000 (Revised Final)* The previously approved budget was \$4,865,000 An additional \$405,000 is required to address code remediation issues and failing infrastructure exposed during the construction process.

Issues/Concerns: Correction of existing code deficiencies exposed during the construction process and coordination of repairs with building occupants could impact the project schedule.



Funding Source: UCH Capital UConn 2000 Phase 3 DM



Cryo Electron Microscope Installation

Scope: The Molecular Biology department was awarded a \$1,457,000 NIH grant to purchase a Cryo Electron Microscope for research activities. This project will construct the specialized room required to house the microscope.

Schedule: Project is out for rebid based on no bids received in June 24. Bid / Contract: Aug / Oct 24 Construction: TBD

Budget: *\$2,086,000.* The Final budget is based upon actual bids received from the Rebid. The \$960,000 Design budget was based on consultant estimates.

Issues/Concerns: Volatility in the manufacturing of HVAC equipment could impact the schedule.



Funding Source: UCH Research IDC Capital



TB-121 Blood Bank Relocation

Scope: This project will renovate shell space located on the Ground Floor of the University Tower to accommodate the relocation of the current Lab Medicine Blood Bank and replace the existing irradiator with a new x-ray blood irradiator.

Schedule: Project completion has been delayed until mid September 2024 to address field revisions.

Budget: *\$1,125,000 (Revised Final).* The previously approved budget was \$1,075,000 An additional \$50,000 is required to address design revisions associated with the fire protection system and access controls / security. UConn Health is expecting to receive \$128,265 under a Federal CIRP award.

Issues/Concerns: None at this time.



Funding Source: UCH Capital, CIRP



Psychiatry Seclusion Suite & Nurse Station Security Renovation

Scope: This project will renovate portions of the existing In-patient Psychiatry unit located in the Connecticut Tower to create a Seclusion suite for potentially violent patients and install security barriers at the existing Nurses Station to protect staff.

Schedule: The initial project construction is complete and final sign-offs from the Department of Health have been received. A change order is being issued to replace a failed reheat coil exposed during construction.

Budget: *\$1,310,000 (Revised Final)* The previously approved budget was \$1,197,000 An additional \$113,000 is required to replace a failed reheat coil exposed during construction.

Issues/Concerns: None at this time.





Fluoroscopy Equipment Replacement & Renovation

Scope: This project will replace an outdated fluoroscopy imaging unit and renovate the room to comply with Connecticut Department of Health guidelines.

Schedule: Project completion has been delayed several months to November 2024 to address post-construction design revisions.

Budget: *\$1,020,000 (Revised Final).* The previously approved budget was \$745,000. The additional \$405,000 is required to address post-construction design revisions associated with a new patient restroom, changing area and HVAC system modifications.

Issues/Concerns: Correction of existing code deficiencies exposed during the construction process could delay the project completion.



Funding Source: UCH Capital



Canzonetti (F) Building Wound Care Center Renovation

Scope: The project will create a Comprehensive Wound Care Center (CWC) utilizing Hyperbaric Oxygen Therapy within the Canzonetti Building (F) that will be designed, furnished and operated by Restorix.

Schedule: Construction is complete and the Wound Care Center is treating patients.

Budget: *\$1,330,000 (Revised Final)*. The previously approved budget was \$1,225,000. The additional \$105,000 is required to cover a delay claim submitted by the contractor and additional code remediation issues exposed during construction. Restorix is contributing \$350,000 to cover the cost of design and a portion of construction.







KB034 - 036 Research Lab Renovation

Scope: This project will renovate approximately 2,500 sf of animal research / holding space located within the basement of the Transgenic Animal Facility (building K) to create a flexible/open wet research laboratory area.

Schedule: Design complete and bid. Rebid required due to bid construction costs exceeding \$1 million. Rebid / Contract: Aug / Sept 24 Construction: TBD

Budget: \$1,975,000 (Revised Final). Budget is an estimate based upon initial bids received. Project is being rebid. The \$760,000 Final Budget was based on a conceptual scope was submitted to meet the aggressive project schedule. The project scope was better defined during the design process, which resulted in the increase in the project budget.

Issues/Concerns: Volatility in construction materials could impact the project schedule and budget.



Buildings E & K Roof Replacement

Scope: The project will replace the roofs on the Academic Research Building (E) and the Transgenic Animal Facility (K) that have been leaking and are in poor shape.

Schedule: Replacement of Building E roof is complete. Design of the Building K entry plaza walkway has taken significantly longer than anticipated. Construction is being postponed to the Spring / Summer 2025 when the weather is favorable.

Bid/Contract: Nov / Dec 2024 Construction start: April 2025

Budget: \$2,160,000 (Final). A Revised Final will be submitted if bids for Building K come in over budget.

Issues/Concerns: Volatility in roofing materials could impact the project schedule and budget.



Funding Source: UConn 2000 Phase 3 DM



Building F & Building M Roof Replacement

Scope: The project will replace the roofs on the Canzonetti Pavilion (Bldg F) and the Daycare Center (Bldg M) that have reached the and of life and are in poor shape.

Schedule: Design work is complete. Building M bidding/construction is being postponed to coordinate with the replacement of the roof top mechanical units. Bldg F is out to bid and the roof replacement will occur over the fall of 2024.

Budget: \$1,615,000 (Final). Budget based on conceptual estimates. The Budget may change based on actual bids received.

Issues/Concerns: Volatility in roofing materials could impact the project schedule and budget.





Funding Source: FY23 GO DM



Cadaver Lab Renovation & AHU Replacement

Scope: This project will renovate the Cadaver Lab utilized by the School of Medicine, including the replacement of the outdated air handling unit.

Schedule: Delays in the fabrication of the new air handler unit (AHU) has pushed project completion to November 2024. A temporary AHU is being installed to avoid disruption of the cadaver lab classes. The permanent unit will be installed in mid-October when classes are not in session.

Budget: \$2,960,000 (Final). Project is on budget.

Issues/Concerns: Further delays in the AHU fabrication could impact the installation schedule.



Funding Source: FY22 DM



CT-7 Med Surg / Observation Unit Renovation

Scope: Prior to the construction of the new John Dempsey Hospital the 7th floor of the Connecticut Tower was an inpatient unit. This project will implement upgrades necessary to reactivate the 7th floor as an inpatient / observation unit.

Schedule: The short term goal of activation of 13 beds/rooms for inpatient care occurred on January 11th. The long term plan of upgrading the patient monitoring, nurse call and IT systems is underway.

Budget: \$2,500,000 (Final). The project scope has been modified to include minimal construction. Majority of costs are related to furniture and equipment necessary to reactivate the floor as an inpatient unit.

Issues/Concerns: None at this time.



Replace Buildings F & H Hot Water Tanks

Scope: The original domestic hot water tanks that serve the Connecticut Tower have reached the end of their useful life and will be replaced with instantaneous units powered by steam.

Schedule: The installation of the new hot water system is complete. Day 2 work related to the removal of abandoned equipment is on going and should be completed by October 2024.

Budget: \$845,000 (Revised Final). Project is tracking under budget.

Issues/Concerns: None at this time.



Funding Source: UConn 2000 Phase 3 DM UCONN HEALTH

Energy / Sustainability Projects: Bloom Energy Fuel Cell

6.175 MW fuel cell system utilizing natural gas will provide baseline power to the UCH campus and allow for future energy diversification

- Located on hillside adjacent to Garage 1 across from Outpatient Pavilion
- 20 year Power Purchase Agreement no upfront cost to UCH
- Anticipated cumulative savings is \$59.5m over the 20 year term
- Incorporating option to install micro grid capability at a later date
- UCH will receive Class 1 Renewable Energy Credits from fuel cell production
- Option to incorporate hydrogen as fuel source.



Energy / Sustainability Projects: Bloom Energy Fuel Cell



Fuel Cell Location & Layout

HEALTH

Campus Planning Design and Construction



Additional Detailed Project Updates Upcoming Projects



Campus Planning Design and Construction

Detailed Project Updates



CT-7 Inpatient & Research Renovations

Scope: This project will construct an enlarged Clean Supply room required for the CT-7 Inpatient unit and renovate space to accommodate a new metabolic chamber for research studies. The chamber is a controlled environment were subjects go through various different testing scenarios to measure their energy consumption (metabolism). The data gathered through these studies are used for research related to obesity, diabetes and other chronic disorders effecting the body's metabolism.

Schedule: Vendor RFP complete. Design and construction schedule: TBD

Budget: *\$1,675,000 (Planning).* Budget based on conceptual estimates. The Budget may change as the design is developed.

Issues/Concerns: None at this time



Funding Source: UConn 2000 Phase 3 DM, UCH Capital, UCH SOM Operating Funds & UConn Foundation HEA



Main Bldg Lab (L) Area Renovations - 1st Floor

Scope: This project continues to implement the lab renovation scheme developed under the Main Building Lab Area Master Plan. The design for the 1st floor Lab Renovations will be similar to the current 2nd Floor Lab Renovation project.

Schedule: Preparing RFP for design services. Design & Construction schedule: TBD

Budget: *\$11,900,000 (Planning).* Budget based on conceptual estimates. The Budget may change as the design is developed.

Issues/Concerns: None at this time



Funding Source: FY23 GO DM, UCH Research IDC Capital & UCH SOM Operating Funds



Labor & Delivery Infant Protection System Replacement

Scope: This project will replace the outdated infant protection system that serves the Labor & Delivery unit. The system is required by federal & state regulations to protect infants from abduction, elopement and discharges to the wrong family.

Schedule: Vendor selection is complete. Consultant to provide design work related to infrastructure support being hired.

Budget: \$760,000 (Planning). Budget based on conceptual estimates. The Budget may change as the design is developed.

Issues/Concerns: Continued volatility related to specialized electronic components could impact the project schedule and budget.



Funding Source: UConn 2000 Phase 3 DM, FY23 GO Equipment funds

HEALTH



UT-7 Pharmacy Fit-Out

Scope: This project will renovate shell space located on the 7th Floor of the University Tower to accommodate the relocation and expansion of the Pharmacy and thus free up much needed space to allow for the expansion & renovation of Lab Medicine.

Schedule: Responses to the Design RFP have been received but not reviewed. The continued demand for inpatient beds has prompted discussions regarding the best utilization of the space.

Budget: \$10,250,000 (Planning). Budget is based on Conceptual estimates and may change as project design is developed.

Issues/Concerns: Volatility in the availability of major HVAC systems could impact the project schedule and budget.



Funding Source: UCH Capital, FY23 GO DM



Surgery Center Operating Room #6 Renovations

Scope: This project will convert an existing Procedure room into an Operating room and replace / upgrade all the existing outdated operating room light booms and make required air pressure modifications within the Surgery Center located in the Musculoskeletal Institute.

Schedule: Soliciting design proposals. Design & Construction schedule: TBD

Budget: *\$1,750,000 (Planning).* Budget based on conceptual estimates. The Budget may change as the design is developed.

Issues/Concerns: None at this time



Interventional Radiology Equipment Replacement & Renovation

Scope: This project will renovate the portions of the Radiology department and replace an outdated Interventional Radiology (IR) imaging unit in accordance with the UConn Health Radiology Master Plan.

Schedule: The conceptual design study has been completed. Design work is proceeding incorporating all options as alternates. Design Complete: Sep 24 Bid/Contract: Oct/Nov 24 Actual construction duration will be based upon the selected renovation option.

Budget: \$4,700,000 (Planning). Budget based on conceptual estimates. The Budget may change as the design is developed.

Issues/Concerns: The selected renovation option will determine the project schedule and cost.



LINAC Unit Replacement

Scope: This project will fit-out a shelled vault within the Neag Comprehensive Cancer Center to accommodate a new radiation therapy LINAC unit.

Schedule: Feasibility Study has been complete Design: April – August 24 Bidding / Contract: Sept / Oct 2024 Construction start: Nov 2024 (tentative)

Budget: \$4,985,000 (Design). Budget based on conceptual estimates and vendor equipment quotes. The Budget may change as the design is developed.

Issues/Concerns: Volatility in construction materials could impact the project schedule and budget.





Parking Lots L1 & A5 Repaving

Scope: The project will replace the parking lot pavement and upgrade storm drainage systems at staff parking lots L1 and A5.

Schedule: Preliminary design work underway. Construction schedule: TBD

Budget: *\$1,020,000 (Design)*. Budget based on conceptual estimates. The Budget may change as the design is developed.

Issues/Concerns: None at this time





Outpatient Pavilion 3rd Floor Backfill

Scope: This project will renovate portions of the 3rd floor to allow for the relocation and expansion of the Women's OB/GYN, Maternal Fetal Medicine (MFM) & Minimally Invasive Gynecologic Surgery (MIGS) clinical practices.

Schedule: The project is being redesigned to eliminate the relocation of the x-ray unit to the 1st floor of the OP. The project schedule will be delayed by approximately 6 months. Construction Start / Finish: TBD

Budget: \$4,250,000 (Final). It is estimated the redesigned project will result in \$500k of savings.

Issues/Concerns: The OP3 renovation work will be delayed until the OP1 work is completed.





Outpatient Pavilion X-Ray & Blood Draw Relocation

Scope: This is an OP-3 Backfill enabling project to relocate program. The X-Ray relocation to OP-1 is being removed from the project scope. The revised scope will renovate space on the first floor of the Outpatient Pavilion for the relocation of Blood Draw services and the Medication Therapy Management program.

Schedule: The project is being redesigned to eliminate the relocation of the x-ray unit from the 3rd floor of the OP. The overall project schedule will be delayed by approximately 6 months. Construction Start / Finish: TBD

Budget: \$1,925,000 (Final). The redesigned project should be under budget.

Issues/Concerns: The OP3 Backfill project will be impacted by the delays on this project.







16 Munson Rd Emergency Lighting & Egress Upgrades

Scope: The project will address code violations issued by the UConn Fire Marshal related to the buildings emergency lighting and egress systems.

Schedule: Bids received and contract under review. Project scope being revisited with Fire Marshal to confirm alignment with long term utilization of the building

Budget: \$1,900,000 (Final). Current Design Budget is \$935,000. The Final Budget is based on actual bids received.

Issues/Concerns: Continued volatility in electrical gear could impact the project schedule.




Muscular Skeletal Institute Rehabilitation Expansion

Scope: This is an OP-3 Backfill enabling project to relocate program. This project will remove an existing water therapy pool to allow for expansion of Physical Therapy / Rehabilitation at the Muscular Skeletal Institute (MSI).

Schedule: Contractor mobilizing. Construction: May – September 2024

Budget: \$1,010,000 (Final). Bids received were favorable to the project budget.

Issues/Concerns: The OP3 Backfill project will be impacted by delays on this project.





CG045-047 Anatomic Pathology & Autopsy Renovation

Scope: The project will replace outdated equipment and renovate the Anatomic Pathology Lab and Autopsy area.

Schedule: Construction contract finalized. Construction: June 2024 – Mar 2025

Budget: \$1,175,000 (Final). The Final budget is based on upon actual bids received.

Issues/Concerns: Volatility in construction materials could impact the project schedule.



Funding Source: UCH Capital



Central Sterile Washer & Sterilizer Replacement

Scope: The project will replace outdated equipment in the original Central Sterile Services area of the Connecticut Tower used to wash and sterilize instruments serving our medical and dental clinics and outpatient surgical services.

Schedule: Project will have 2 phases. Phase 1 Endoscopy Scope Washer Relocation and Phase 2 Central Sterile Equipment Replacement. Actual construction mobilization will be coordinated with the delivery date of the HVAC equipment.

On-site construction start: June 2024 Construction completion: June 2025

Budget: \$6,340,000 (Revised Final). The Revised Final budget is based upon actual bids received.

Issues/Concerns: The project schedule is tied to the actual delivery dates of the HVAC equipment. Delays in receiving the HVAC equipment will impact the schedule.



CGSB Data Center Cooling System Upgrades

Scope: This project will renovate the Cell & Genome Science Building Data Center cooling systems to provide additional capacity and redundancy in case of system failure.

Schedule: Manufacturing delays with the replacement HVAC unit has pushed the project schedule out 3 months. On site construction is scheduled to start in July 2024 with a completion in September 2024.

Budget: \$840,000 (Final). Project is on budget.

Issues/Concerns: Volatility in the availability of major HVAC systems could delay the delivery of the HVAC unit and further impact the project schedule.





Main Bldg. Lab (L) Area Renovations - 2nd Flr

Scope: This project continues to implement the lab renovation scheme developed under the Main Building Lab Area Master Plan. The design for the 2nd Lab Renovations is similar to the recently completed 3rd Floor Lab Renovation project.

Schedule: Construction is on schedule for an August 2024 completion.

Budget: \$10,200,000 (Final). Project is on budget.

Issues/Concerns: None at this time.



Funding Source: UConn 2000 Phase 3 DM, UCH Capital, UCH Research IDC Capital & UCH SOM Operating Funds



Cardio Catheterization (Cath) & Electro Physiology (EP) Lab Renovation

Scope: This project will renovate the existing Cardiac Imaging Surgical unit to comply with Connecticut Department of Health guidelines and replace outdated (2007) Cath and EP Lab imaging equipment.

Schedule: Phase 1 EP Lab construction is underway and is on schedule for a Go Live date of June 2024. The Phase 2 Cath Lab construction is on schedule to start in June 2024 with a Go Live in December 2024.

Budget: \$6,430,000 (Final) Project is on budget.

Issues/Concerns: The project schedule is tied to the actual delivery dates for roof top mechanical units. Delays in receiving these units will impact the schedule.





CGSB & ARB Autoclave & Washer Replacement

Scope: Research facilities located in the Cell and Genome Science Building (CGSB) and the Academic Research Building (ARB) utilize specialized autoclaves and washers to clean and sterilize laboratory instruments and containers. This project will replace the broken autoclaves and washers along with necessary support equipment.

Schedule: Installations of washers & autoclaves have been completed. The installation of the remaining Millipore units is on schedule for an April 2024 completion.

Budget: \$1,200,000 (Final). Project is tracking on budget.

Issues/Concerns: None at this time.



Funding Source: UCH Research & IDC Capital



Potential Future Projects – Clinical update

Clinical & Medical Equipment Projects over	ver \$500k
--	------------

CT TOWER RADIOLOGY NEW PET-CT SYSTEM	\$ TBD
LABOR & DELIVERY RENOVATION	\$ TBD
TORRINGTON CLINIC RELOCATION	\$ 4,800,000

Potential Funding Source: UCH Capital



Potential Future Projects – Research up	odate
Research Projects over \$500k	
HIGH PERFORMANCE COMPUTING FACILITY NIH C-06 GRANT	\$ 12,000,000
NEW RESEARCH TOWER	\$ TBD
L7121 & L6120 LAB RENOVATION	\$ 695,000

Potential Funding Source: UCH Capital and/or UCH IDC Research Capital and/or Grants



Upcoming Projects – Deferred Maintenance	update
Deferred Maintenance Projects over \$500k	
CONNECTICUT TOWER INFRASTRUCTURE UPGRADES	\$ 9,850,000
MAIN COOLING TOWER CELL REPAIRS & PUMP REPLACEMENT	\$ 1,200,000
EXTERIOR COURTYARD WATERPROOFING	\$ 1,500,000
MAIN BUILDING (C) LOBBY REVOLVING DOOR REPLACEMENT	\$ 550,000
MAIN ENTRANCE LOT M1 & H1 IMPROVEMENTS	\$ 1,200,000

Potential Funding Source: UConn 2000 Phase 3 DM, FY23 & FY24 DM GO Bond Funds



ATTACHMENT 9



Jeffrey P. Geoghegan, CPA Executive Vice President for Finance & Chief Financial Officer UConn and UConn Health

September 25, 2024

TO:	Members of the Board of Trustees
FROM:	Jeffrey P. Geoghegan, CPA Executive Vice President for Finance and Chief Financial Officer
RE:	Project Budget for UConn Tennis Facility (Final: \$ 3,450,000)

<u>RECOMMENDATION</u>:

That the Board of Trustees approve the Final Budget of \$3,450,000, as detailed in the attached project budget, for the UConn Tennis Facility project. This reflects an increase of \$3,300,000 to the previously approved Design budget of \$150,000. The Administration recommends that the Board of Trustees adopt the Resolution below.

RESOLUTION:

"Be it resolved that the Board of Trustees approve the use of \$3,300,000 in UCONN 2000 Bond Funds and \$150,000 in Gift Funds for the Final Phase of the UConn Tennis Facility."

BACKGROUND:

UConn Tennis is part of the Division 1 Big East Conference, and the team competes at a facility at the intersection of Discovery Drive and Avalonia Way. The existing facility was constructed in 2005 and includes six (6) outdoor courts, fence enclosures, street parking, outdoor lighting and two temporary structures. To foster Husky Pride and a stronger and more inclusive University, the intent of this project is to complete construction of a support building that complies with Title IX requirements, associated utility infrastructure, and other site improvements by the summer of 2025.

The new building will serve as a satellite location for the team lockers and offices located in the Guyer Gymnasium. The structure will include public restrooms, a team locker room and restroom, and a flexible space for use by coaches and staff. Site improvements include replacing off-street grass/gravel parking with a designated paved area and an accessible parking space, as well as sidewalks and crosswalks for universal access and improved pedestrian safety. Infrastructure improvements include transformer upgrades and new telecom, water, sewer, gas and electrical lines to the site.

The Final Budget is attached for your information.

Attachment

352 Mansfield Road, UNIT 1122, Gulley Hall Storrs, CT 06269 рноме 860-486-3455 jeffrey.geoghegan@uconn.edu

263 Farmington Avenue, MC 1920 Farmington, CT 06030 PHONE 860-679-3162 geoghegan@uchc.edu

An Equal Opportunity Employer

CAPITAL PROJECT BUDGET REPORTING FORM

TYPE BUDGET: FINAL

PROJECT NAME: UCONN TENNIS FACILITY

BUDGETED EXPENDITURES			APPROVED DESIGN 12/18/2023		PROPOSED FINAL 9/25/2024	
CONSTRUCTION DESIGN SERVICES TELECOMMUNICATIONS FURNITURE, FIXTURES AND EQUIPMENT CONSTRUCTION ADMINISTRATION OTHER A/E SERVICES (including Project Management) ART RELOCATION ENVIRONMENTAL INSURANCE AND LEGAL MISCELLANEOUS OTHER SOFT COSTS	\$	PRC - 40,000 - - - - - 5,000 - - - - - - - - - - - - - - - - - -	\$	PRC - 125,000 - - - - - - 5,000 5,000 -	\$	2,900,000 200,000 60,000 25,000 - 50,000 - - 5,000 10,000 -
SUBTOTAL	\$	45,000	\$	135,000	\$	3,250,000
PROJECT CONTINGENCY		5,000		15,000		200,000
TOTAL BUDGETED EXPENDITURES	\$	50,000	\$	150,000	\$	3,450,000
SOURCE(S) OF FUNDING*						
GIFT FUNDS UCONN 2000 BOND FUNDS	\$	50,000 -	\$	150,000 -	\$	150,000 3,300,000
TOTAL BUDGETED FUNDING	\$	50,000	\$	150,000	\$	3,450,000

* This budget reflects the University's current intended source(s) of funding for the specified project. The University may adjust this funding plan in order to ensure compliance with applicable federal and state law(s) or to strategically utilize all fund sources, within the approved budget amount, as appropriate.

BOT 9.25.24 300257



Site Plan: Tennis Support Building

ATTACHMENT 10



September 25, 2024

Jeffrey P. Geoghegan, CPA Executive Vice President for Finance & Chief Financial Officer UConn and UConn Health

TO:	Members of the Board of Trustees
FROM:	Jeffrey P. Geoghegan, CPA Executive Vice President for Finance and Chief Financial Officer
RE:	Project Budget for UConn Waterbury at 36 North Main (Final: \$1,250,000)

RECOMMENDATION:

That the Board of Trustees approve the Revised Final Budget of \$1,250,000 as detailed in the attached project budget, for the UConn Waterbury at 36 North Main project. This reflects an increase of \$800,000 to the previously approved Final budget of \$450,000. The Administration recommends that the Board of Trustees adopt the Resolution below.

RESOLUTION:

"Be it resolved that the Board of Trustees approve the use of \$1,250,000 in UCONN 2000 Bond Funds for the UConn Waterbury at 36 North Main project and approve the request for a waiver of the three-stage budget approval process in order to allow construction to proceed after bids have been received and evaluated for conformance with the project scope and budget."

BACKGROUND:

In 2024 the Board of Trustees approved plans to lease approximately 26,300 square feet of space to expand the UConn Waterbury Campus. Located at 36 North Main Street, the leased building promotes excellence in research, innovation and engagement by providing additional academic, research, and administrative space. Entities using the facility will include the School of Nursing, Allied Health, Psychological Sciences, Urban and Community Studies, Business, Community Partners, and other programs.

This project will provide IT infrastructure connecting the leased building to the existing UConn Waterbury campus, A/C for UConn server equipment, locking/keying systems compatible with UConn Waterbury Facilities Operations, new furniture, classroom technology, lecture room A/V equipment and instructional equipment for School of Nursing Simulation Labs. The furniture, fixtures and equipment procurement will occur while the landlord completes interior fit out for UConn occupancy in January 2025.

The Final Budget is attached for your information.

Attachment

352 Mansfield Road, UNIT 1122, Gulley Hall Storrs, CT 06269 рноме 860-486-3455 jeffrey.geoghegan@uconn.edu

263 Farmington Avenue, MC 1920 Farmington, CT 06030 PHONE 860-679-3162 geoghegan@uchc.edu

CAPITAL PROJECT BUDGET REPORTING FORM

TYPE BUDGET: FINAL

PROJECT NAME:

UCONN WATERBURY AT 36 NORTH MAIN

BUDGETED EXPENDITURES	APPROVED DESIGN 8/22/2024		PROPOSED FINAL 9/25/2024		
		PRC			
CONSTRUCTION	\$	240,000	\$	240,000	
DESIGN SERVICES		-		-	
TELECOMMUNICATIONS		-		520,000	
FURNITURE, FIXTURES AND EQUIPMENT		170,000		425,000	
CONSTRUCTION ADMINISTRATION		-		-	
OTHER A/E SERVICES (including Project Management)		-		-	
ART		-		-	
RELOCATION		-		-	
ENVIRONMENTAL		-		-	
INSURANCE AND LEGAL		-		-	
MISCELLANEOUS		-		-	
OTHER SOFT COSTS		-		-	
SUBTOTAL	\$	410,000	\$	1,185,000	
PROJECT CONTINGENCY		40,000		65,000	
TOTAL BUDGETED EXPENDITURES	\$	450,000	\$	1,250,000	
SOURCE(S) OF FUNDING*					
UCONN 2000 BOND FUNDS	\$	450,000	\$	1,250,000	
TOTAL BUDGETED FUNDING	\$	450,000	\$	1,250,000	
* This budget reflects the University's current intended source(-			

^A This budget reflects the University's current intended source(s) of funding for the specified project. The University may adjust this funding plan in order to ensure compliance with applicable federal and state law(s) or to strategically utilize all fund sources, within the approved budget amount, as appropriate.

BOT 9.25.24 300275



North and South Exterior Elevations



Plan at Nursing Simulation Labs & Lecture Hall

ATTACHMENT 11



3

September 25, 2024

TO:	Members of the Board of Trustees
FROM:	Jeffrey P. Geoghegan, CPA Executive Vice President for Finance and Chief Financial Officer
RE:	Project Budget for Branford House Exterior Repairs, Phases 1, 2 & (Revised Final: \$838,000)

<u>RECOMMENDATION</u>:

That the Board of Trustees note the approval of the Revised Final Budget of \$838,000, an increase of \$38,000 (4.75% of the approved Revised Final Budget) as detailed in the attached project budget, for the Branford House Exterior Repairs, Phases 1, 2 & 3. The Administration recommends that the Board of Trustees adopt the Resolution below.

<u>RESOLUTION</u>:

"Be it resolved that the Board of Trustees approve the use of \$838,000 in University Funds for Branford House Exterior Repairs, Phases 1, 2 & 3 project."

BACKGROUND:

This project involves repairing the building envelope of the historic, three-level, granitemasonry Gilded-Age manor at the Avery Point campus. Elements of the work include the following: repointing mortar joints, repairing/replacing granite masonry units, flashing, perimeter sealants, selective slate roof tile replacement, copper roof repairs, and copper gutter/downspout repairs. The work also incorporates repair of windows, including removal and reinstallation, new wood blocking, flashing and sealants.

This project has been carried out in multiple phases. The sequence of the work is dictated by the priority of repairs. Phases 1 & 2 (FY22 & FY23) have been completed and has made significant improvements to the building. The funding included with this resolution is for Phase 3 engineering & design services for repair of additional areas of concern and to develop cost estimates for the construction work. The Phase 3 construction schedule is to be determined based on the cost estimates received and available funding.

This aligns with the strategic initiatives of Seven World-Class Campuses, One Flagship University and Husky Pride & Resilience.

On June 5, 2024, the Executive Vice President for Finance & Chief Financial Officer approved an increase of \$38,000 (4.75% of the approved Revised Final Budget) for a new approved Revised Final Budget of \$838,000.

The Revised Final Budget is attached for your information and reflects an increase of \$38,000 to the previously approved final budget of \$800,000.

Attachment

CAPITAL PROJECT BUDGET REPORTING FORM

TYPE BUDGET: REVISED FINAL

PROJECT NAME: BRANFORD HOUSE EXTERIOR REPAIRS, PHASES 1, 2 & 3

BUDGETED EXPENDITURES	PHASE 1 PRC 7/1/2022		APPROVED FINAL 2/22/2023		R	PROVED EVISED FINAL 6/5/2024
CONSTRUCTION DESIGN SERVICES TELECOMMUNICATIONS FURNITURE, FIXTURES AND EQUIPMENT CONSTRUCTION ADMINISTRATION OTHER AE SERVICES (including Project Management) ART RELOCATION ENVIRONMENTAL INSURANCE AND LEGAL MISCELLANEOUS OTHER SOFT COSTS	\$	298,000 74,000 - - - - - - - - - - - - - - - - - -	\$	630,000 97,000 - - - - - - - - - - - - - - -	Е \$ 	VPF&CFO 630,000 131,818 - - - - - - - - - - - - - - - - - -
SUBTOTAL	\$	372,000	\$	727,000	\$	761,818
PROJECT CONTINGENCY		28,000		73,000		76,182
TOTAL BUDGETED EXPENDITURES	\$	400,000	\$	800,000	\$	838,000
SOURCE(S) OF FUNDING *						
UNIVERSITY FUNDS	\$	400,000	\$	800,000	\$	838,000
TOTAL BUDGETED FUNDING	\$	400,000	\$	800,000	\$	838,000

* This budget reflects the University's current intended source(s) of funding for the specified project. The University may adjust this funding plan in order to ensure compliance with applicable federal and state law(s) or to strategically utilize all fund sources, within the approved budget amount, as appropriate.

BOT 9.25.24 TL2582

BRANFORD HOUSE EXTERIOR REPAIRS, PHASES 1, 2 & 3 Project Budget (Revised Final) SEPTEMBER 25, 2024



ATTACHMENT 12



Jeffrey P. Geoghegan, CPA Executive Vice President for Finance & Chief Financial Officer UConn and UConn Health

September 25, 2024

TO:	Members of the Board of Trustees
FROM:	Jeffrey P. Geoghegan, CPA Executive Vice President for Finance and Chief Financial Officer
RE:	Project Budget Gampel Ground Floor KSI Heat Lab (Final: \$975,000)

<u>RECOMMENDATION</u>:

That the Board of Trustees approve the Final Budget of \$975,000 as detailed in the attached project budget, for the Gampel Ground Floor KSI Heat Lab. The Administration recommends that the Board of Trustees adopt the Resolution below.

RESOLUTION:

"Be it resolved that the Board of Trustees approve the use of \$975,000 in University Funds for the Gampel Ground Floor KSI Heat Lab project and approve the request for a waiver of the three-stage budget approval process to allow construction to proceed in accordance with sole source procurement procedures."

BACKGROUND:

The project involves three main components:

- Converting a sparsely used locker room into a heavily utilized research laboratory.
- Providing the second heat lab and more than doubling the research capacity for the Korey Stringer Institute.
- Adding the unique ability to perform high altitude testing to enable a differentiator for future grant applications.

This project aligns with the strategic initiative of Excellence in Research, Innovation, and Engagement.

Attachment

CAPITAL PROJECT BUDGET REPORTING FORM

TYPE BUDGET: FINAL

PROJECT NAME: GAMPEL GROUND FLOOR KSI HEAT LABORATORY

BUDGETED EXPENDITURES	 PPROVED APPROVED DESIGN REVISED DESIGN 3/1/2024 7/22/2024		REVISED DESIGN		ROPOSED FINAL 0/25/2024
CONSTRUCTION DESIGN SERVICES TELECOMMUNICATIONS FURNITURE, FIXTURES AND EQUIPMENT CONSTRUCTION ADMINISTRATION OTHER AE SERVICES (including Project Management) ART RELOCATION ENVIRONMENTAL INSURANCE AND LEGAL MISCELLANEOUS OTHER SOFT COSTS	\$ 27,273 - - - - - - - - - - - - - - - - -	\$	27,273 - 422,727 - - - - - - - - - - - - -	\$	256,364 30,000 - 600,000 - - - - - - - - - - - - - - -
SUBTOTAL	\$ 27,273	\$	450,000	\$	886,364
PROJECT CONTINGENCY	 2,727		45,000		88,636
TOTAL BUDGETED EXPENDITURES	\$ 30,000	\$	495,000	\$	975,000
SOURCE(S) OF FUNDING *					
UNIVERSITY FUNDS	\$ 30,000	\$	495,000	\$	975,000
TOTAL BUDGETED FUNDING	\$ 30,000	\$	495,000	\$	975,000

* This budget reflects the University's current intended source(s) of funding for the specified project. The University may adjust this funding plan in order to ensure compliance with applicable federal and state law(s) or to strategically utilize all fund sources, within the approved budget amount, as appropriate.

BOT 9.25.24 TL2582

GAMPEL GROUND FLOOR KSI HEAT LABORATORY Project Budget (Final) SEPTEMBER 25, 2024





ATTACHMENT 13



September 25, 2024

TO:	Members of the Board of Trustees
FROM:	Jeffrey P. Geoghegan, CPA Executive Vice President for Finance and Chief Financial Officer
RE:	Project Budget for George C. White Building Roof & Drainage System (Revised Final: \$ 985,800)

<u>RECOMMENDATION</u>:

That the Board of Trustees note the approval of the Revised Final Budget of \$985,800, an increase of \$40,000 (4.23% of the approved Revised Final Budget) for a new approved Revised Final Budget of \$985,800 as detailed in the attached project budget, for the George C. White Building Roof & Drainage System project. The Administration recommends that the Board of Trustees adopt the Resolution below.

RESOLUTION:

"Be it resolved that the Board of Trustees approve the use of \$985,800 in University Funds for the George C. White Building Roof & Drainage System project."

BACKGROUND:

The George C. White building is located on the Storrs campus at 17 Manter Road. The building houses the College of Agriculture, Health and Natural Resources Department of Animal Science, graduate student, staff and faculty offices, classrooms, research and class labs, conference rooms, support spaces and food service (Dairy Bar).

Design work has been completed for the entire building as one large project. Construction work for the roof replacement was separated into three phases. Construction of Phases 1& 2 have been completed. This resolution includes the Phase 3 repackaging of the design documents with completion in late fall 2024. Phase 3 bid is expected over winter 2025, with the anticipated construction start May 2025. This will complete the White Building Roofs and Drainage System Replacement Project.

This project aligns with the strategic initiatives Seven World-Class Campuses, One Flagship University and Husky Pride & Resilience.

On June 5, 2024, the Executive Vice President for Finance and Chief Financial Officer approved an increase of \$40,000 (4.23% of the approved Revised Final Budget) for a new approved Revised Final Budget of \$985,800.

The Revised Final Budget is attached for your information and reflects an increase of \$40,000 to the previously approved final budget of \$945,800.

Attachment

CAPITAL PROJECT BUDGET REPORTING FORM

TYPE BUDGET: REVISED FINAL

PROJECT NAME: GEORGE C. WHITE BUILDING ROOF & DRAINAGE SYSTEM

BUDGETED EXPENDITURES		APPROVED DESIGN 9/3/2021		APPROVED FINAL 6/29/2022		APPROVED REVISED FINAL 6/5/2024	
CONSTRUCTION DESIGN SERVICES TELECOMMUNICATIONS FURNITURE, FIXTURES AND EQUIPMENT CONSTRUCTION ADMINISTRATION OTHER AE SERVICES (including Project Management) ART RELOCATION ENVIRONMENTAL INSURANCE AND LEGAL MISCELLANEOUS OTHER SOFT COSTS	\$	PRC 100,000 33,896 - - - - - - - - - - - - - - - - - - -	\$	737,800 84,843 - - 35,500 - - - - - 25,000 -	E' \$	VPF&CFO 751,457 84,843 - - 35,500 - - - - - - 25,000 -	
SUBTOTAL		133,896	\$	883,143	\$	896,800	
PROJECT CONTINGENCY		11,904		62,657		89,000	
TOTAL BUDGETED EXPENDITURES		145,800	\$	945,800	\$	985,800	
SOURCE(S) OF FUNDING*							
UNIVERSITY FUNDS		145,800		945,800		985,800	
TOTAL BUDGETED FUNDING		145,800	\$	945,800	\$	985,800	

* This budget reflects the University's current intended source(s) of funding for the specified project. The University may adjust this funding plan in order to ensure compliance with applicable federal and state law(s) or to strategically utilize all fund sources, within the approved budget amount, as appropriate.

BOT 9.25.24 FO500127

GEORGE C. WHITE BUILDING ROOF & DRAINAGE SYSTEM Project Budget (Revised Final) SEPTEMBER 25, 2024





ATTACHMENT 14

UCONN HEALTH

September 25, 2024

TO:	Members of the Board of Trustees
FROM:	Andrew C. Agwunobi, MD, MBA Executive Vice President for Health Affairs and CEO of UConn Health
	Jeffrey P. Geoghegan, CPA Executive Vice President for Finance and Chief Financial Officer
RE:	Project Budget for the UConn Health Emergency Department Low Acuity Expansion (Planning: \$1,260,000)

RECOMMENDATION:

That the Board of Trustees approve the Planning Budget in the amount of \$1,260,000 as detailed in the attached project budget for the UConn Health Emergency Department Low Acuity Expansion Project.

RESOLUTION:

"Be it resolved that the Board of Trustees approve of the use of \$1,260,000 from UConn Health Capital for the UConn Health Emergency Department Low Acuity Expansion Project."

BACKGROUND:

This project aligns with UConn's 2024-2034 Strategic Plan because it will promote and improve the Wellness of People and Planet by renovating a portion of the existing Emergency Department Waiting and Administrative area to create a low acuity patient treatment area to help address overcrowding. Adding approximately eight (8) low acuity patient treatment bays will reduce costs and wait times by providing treatment spaces that could be used exclusively for "vertical" or chair/recliner-centric patients in smaller patient-friendly, medically appropriate treatment spaces, freeing up existing treatment rooms for "horizontal" higher acuity patients.

The Planning Budget is attached for your consideration. The Planning Budget is based on conceptual estimates and may change as the project design is developed. This Planning Budget is anticipated to be approved by the UConn Health Board of Directors at their meeting on September 9, 2024.

Attachments

CAPITAL PROJECT BUDGET REPORTING FORM

TYPE BUDGET: PLANNING

PROJECT NAME: UCONN HEALTH - EMERGENCY DEPARTMENT LOW ACUITY EXPANSION

BUDGETED EXPENDITURES	PROPOSED PLANNING 9/25/2024					
CONSTRUCTION DESIGN SERVICES TELECOMMUNICATIONS FURNITURE, FIXTURES AND EQUIPMENT CONSTRUCTION ADMINISTRATION OTHER AE SERVICES (including Project Management) ART RELOCATION ENVIRONMENTAL INSURANCE AND LEGAL MISCELLANEOUS	\$ 400,000 99,000 30,000 - - - - - - - - - - - - - - - - -					
SUBTOTAL	\$ 1,050,000					
PROJECT CONTINGENCY	210,000					
TOTAL BUDGETED EXPENDITURES	\$ 1,260,000					
SOURCE(S) OF FUNDING*						
UCONN HEALTH CAPITAL FUNDS	\$ 1,260,000					
TOTAL BUDGETED FUNDING	\$ 1,260,000					
* This budget reflects the University's current intended source(s) of funding for the specified project. The University may adjust this funding plan in order to ensure compliance with applicable federal and state law(s) or to strategically utilize all fund sources, within the approved budget amount, as appropriate.						

BOT 9.25.24

23-025

UCONN HEALTH/IMPROVEMENTS UConn Health Emergency Department Low Acuity Expansion Project Budget (Planning) \$1,260,000 September 25, 2024



Low Acuity Treatment Area Example Concept
September 25, 2024

TO:	Members of the Board of Trustees
FROM:	Andrew C. Agwunobi, MD, MBA Executive Vice President for Health Affairs and CEO of UConn Health
	Jeffrey P. Geoghegan, CPA Executive Vice President for Finance and Chief Financial Officer
RE:	Project Budget for the UConn Health SODM 24/7 Student Random Access Lab Renovation (Planning: \$830,000)

<u>RECOMMENDATION</u>:

That the Board of Trustees approve the Planning Budget in the amount of \$830,000 as detailed in the attached project budget for the UConn Health SODM 24/7 Student Random Access Lab Renovation.

<u>RESOLUTION</u>:

"Be it resolved that the Board of Trustees approve of the use of \$830,000 from UConn Health Capital for the UConn Health SODM 24/7 Student Random Access Lab Renovation."

BACKGROUND:

This project aligns with UConn's 2024-2034 Strategic Plan because it will improve the Student Success Journey through the upgrade and expansion of the existing dental simulator lab used by students to learn and practice dental procedures.

The Planning Budget is attached for your consideration. The Planning Budget is based on conceptual estimates and may change as the project design is developed. This Planning Budget is anticipated to be approved by the UConn Health Board of Directors at their meeting on September 9, 2024.

TYPE BUDGET: PLANNING

PROJECT NAME: UCONN HEALTH - SODM 24/7 STUDENT RANDOM ACCESS LAB RENOVATION

BUDGETED EXPENDITURES	PL	OPOSED ANNING /25/2024	
CONSTRUCTION DESIGN SERVICES TELECOMMUNICATIONS FURNITURE, FIXTURES AND EQUIPMENT CONSTRUCTION ADMINISTRATION OTHER AE SERVICES (including Project Management) ART	\$	75,000 - 11,000 573,000 - -	
RELOCATION ENVIRONMENTAL INSURANCE AND LEGAL MISCELLANEOUS		- - - 5,000	
SUBTOTAL	\$	664,000	
PROJECT CONTINGENCY		166,000	
TOTAL BUDGETED EXPENDITURES	\$	830,000	
SOURCE(S) OF FUNDING*			
UCONN HEALTH CAPITAL FUNDS	\$	830,000	
TOTAL BUDGETED FUNDING		830,000	
* This budget reflects the University's current intended source(s) of funding for the specified project. The University may adjust this funding plan in order to ensure compliance with applicable federal and state law(s) or to strategically utilize all fund sources, within the approved budget amount, as appropriate.			

BOT 9.25.24

24-032

UCONN HEALTH/IMPROVEMENTS UConn Health SODM 24/7 Student Random Access Lab Renovation Project Budget (Planning) \$830,000 September 25, 2024



Dental Lab Concept

September 25, 2024

TO:	Members of the Board of Trustees
FROM:	Andrew C. Agwunobi, MD, MBA Executive Vice President for Health Affairs and CEO of UConn Health
	Jeffrey P. Geoghegan, CPA Executive Vice President for Finance and Chief Financial Officer
RE:	Project Budget for the UConn Health BB013 Animal Research MRI Renovation (Planning: \$2,570,000).

<u>RECOMMENDATION</u>:

That the Board of Trustees approve the Planning Budget in the amount of \$2,570,000 as detailed in the attached project budget for the UConn Health BB013 Animal Research MRI Renovation Project.

RESOLUTION:

"Be it resolved that the Board of Trustees approve of the use of \$2,570,000 from Fiscal Year 23 GO Bond funds for Equipment, UConn Health Animal Research IDC Capital and School of Medicine Operating Funds for the UConn Health BB013 Animal Research MRI Renovation Project."

BACKGROUND:

This project aligns with UConn's 2024-2034 Strategic Plan because it will contribute to Excellence in Research, Innovation, and Engagement by renovating laboratory space for a new research MRI specifically designed for small animals such as mice and rats.

The Planning Budget is attached for your consideration. The Planning Budget is based on conceptual estimates and may change as the project design is developed. This Planning Budget is anticipated to be approved by the UConn Health Board of Directors at their meeting on September 9, 2024.

TYPE BUDGET: PLANNING

PROJECT NAME: UCONN HEALTH - BB013 ANIMAL RESEARCH MRI RENOVATION

BUDGETED EXPENDITURES	PROPOSED PLANNING 9/25/2024
CONSTRUCTION DESIGN SERVICES TELECOMMUNICATIONS	\$ 350,000 80,000
FURNITURE, FIXTURES AND EQUIPMENT CONSTRUCTION ADMINISTRATION OTHER AE SERVICES (including Project Management)	2,033,000 - 7,000
ART RELOCATION ENVIRONMENTAL INSURANCE AND LEGAL MISCELLANEOUS	- - - -
SUBTOTAL	\$ 2,470,000
PROJECT CONTINGENCY	100,000
TOTAL BUDGETED EXPENDITURES	\$ 2,570,000
SOURCE(S) OF FUNDING*	
STATE GO BOND FUNDS (EQUIPMENT) UCONN HEALTH RESEARCH IDC CAPITAL UCONN HEALTH SCHOOL OF MEDICINE OPERATING FUNDS	\$ 1,000,000 1,070,000 500,000
TOTAL BUDGETED FUNDING	\$ 2,570,000
* This budget reflects the University's current intended source(s) of funding for project. The University may adjust this funding plan in order to ensure comp applicable federal and state law(s) or to strategically utilize all fund sources, we approved budget amount, as appropriate.	liance with
	BOT 9.25.24 24-023

UCONN HEALTH/IMPROVEMENTS UConn Health BB013 Animal Research MRI Renovation Project Budget (Planning) \$2,570,000 September 25, 2024



Example Research MRI Unit

September 25, 2024

TO:	Members of the Board of Trustees
FROM:	Andrew C. Agwunobi, MD, MBA Executive Vice President for Health Affairs and CEO of UConn Health
	Jeffrey P. Geoghegan, CPA Executive Vice President for Finance and Chief Financial Officer
RE:	Project Budget for the UConn Health ASB Data Center Generator and Power Improvements (Design: \$3,180,000)

RECOMMENDATION:

That the Board of Trustees approve the Design Budget in the amount of \$3,180,000 as detailed in the attached project budget for the UConn Health ASB Data Center Generator and Power Improvements Project.

<u>RESOLUTION</u>:

"Be it resolved that the Board of Trustees approve of the use of \$3,180,000 from UCONN 2000 Phase III Deferred Maintenance and Fiscal Year 23 GO Bond funds for the UConn ASB Data Center Generator and Power Improvements Project."

BACKGROUND:

The Administrative Services Building (ASB) is the site of the main UConn Health Data Center. In order to maintain Farmington as part of our Seven World-Class Campuses, One Flagship University and maintain Excellence in Research, Innovation and Engagement; this project will make improvements to the building's emergency power distribution system, including the replacement of an existing exterior generator that serves the campus-wide data center.

The Design Budget is attached for your consideration. The Design Budget is based on consultant estimates and may change based on actual bids received. This Design Budget is anticipated to be approved by the UConn Health Board of Directors at their meeting on September 9, 2024.

TYPE BUDGET: DESIGN

PROJECT NAME: UCONN HEALTH - ASB DATA CENTER GENERATOR AND POWER IMPROVEMENTS

BUDGETED EXPENDITURES	APPROVED PLANNING 6/26/2024	PROPOSED DESIGN 9/25/2024	
CONSTRUCTION DESIGN SERVICES TELECOMMUNICATIONS FURNITURE, FIXTURES AND EQUIPMENT CONSTRUCTION ADMINISTRATION OTHER AE SERVICES (including Project Management) ART RELOCATION ENVIRONMENTAL INSURANCE AND LEGAL MISCELLANEOUS	\$ 2,500,000 150,000 20,000 - 50,000 - - - - - 10,000	\$ 2,530,000 150,000 20,000 - 50,000 - - - - - 10,000	
SUBTOTAL	\$ 2,750,000	\$ 2,780,000	
PROJECT CONTINGENCY	400,000	400,000	
TOTAL BUDGETED EXPENDITURES	\$ 3,150,000	\$ 3,180,000	
SOURCE(S) OF FUNDING*			
STATE GO BOND FUNDS UCONN 2000 BOND FUNDS	\$ 3,000,000 150,000	\$ 3,030,000 150,000	
TOTAL BUDGETED FUNDING	\$ 3,150,000	\$ 3,180,000	

* This budget reflects the University's current intended source(s) of funding for the specified project. The University may adjust this funding plan in order to ensure compliance with applicable federal and state law(s) or to strategically utilize all fund sources, within the approved budget amount, as appropriate.

BOT 9.25.24 23-601.04 UCONN HEALTH/IMPROVEMENTS UConn Health ASB Data Center Generator & Power Improvements Project Budget (Design) \$3,180,000 September 25, 2024



Existing Generator

September 25, 2024

TO:	Members of the Board of Trustees
FROM:	Andrew C. Agwunobi, MD, MBA Executive Vice President for Health Affairs and CEO of UConn Health
	Jeffrey P. Geoghegan, CPA Executive Vice President for Finance and Chief Financial Officer
RE:	Project Budget for the UConn Health IT Critical Equipment Redundancy Room (Design: \$1,370,000)

<u>RECOMMENDATION</u>:

That the Board of Trustees approve the Design Budget in the amount of \$1,370,000 as detailed in the attached project budget for the UConn Health IT Critical Equipment Redundancy Room Project.

<u>RESOLUTION</u>:

"Be it resolved that the Board of Trustees approve of the use of \$1,370,000 from UCONN 2000 Phase III Deferred Maintenance and General Obligation DM Bond funds for the UConn IT Critical Equipment Redundancy Room Project."

BACKGROUND:

In order to maintain Farmington as part of our Seven World-Class Campuses, One Flagship University; this project will update the data systems and infrastructure within an existing data room located in the John Dempsey Hospital to support UConn Health's Information Technology system recovery efforts to allow for business continuity in response to a major disruptive event.

The Design Budget is attached for your consideration. The Design Budget is based on consultant estimates and may change based on actual bids received. This Design Budget is anticipated to be approved by the UConn Health Board of Directors at their meeting on September 9, 2024.

TYPE BUDGET: DESIGN

PROJECT NAME: UCONN HEALTH - IT CRITICAL EQUIPMENT REDUNDANCY ROOM

BUDGETED EXPENDITURES		PROVED LANNING /26/2024	PROPOSED DESIGN 9/25/2024	
CONSTRUCTION DESIGN SERVICES TELECOMMUNICATIONS FURNITURE, FIXTURES AND EQUIPMENT CONSTRUCTION ADMINISTRATION OTHER AE SERVICES (including Project Management) ART RELOCATION ENVIRONMENTAL INSURANCE AND LEGAL MISCELLANEOUS	\$	995,000 110,000 140,000 - - - - - - - - - - - - - - -	\$ 995,000 110,000 140,000 - - - - - - - - - - - - - - -	
SUBTOTAL	\$	1,245,000	\$1,245,000	
PROJECT CONTINGENCY		125,000	125,000	
TOTAL BUDGETED EXPENDITURES		1,370,000	\$1,370,000	
SOURCE(S) OF FUNDING*				
STATE GO BOND FUNDS UCONN 2000 BOND FUNDS TOTAL BUDGETED FUNDING		1,260,000 110,000 1,370,000	\$1,260,000 <u>110,000</u> \$1,370,000	
TOTAL BUDGETED FUNDING		1,370,000	φ1,370,000	

* This budget reflects the University's current intended source(s) of funding for the specified project. The University may adjust this funding plan in order to ensure compliance with applicable federal and state law(s) or to strategically utilize all fund sources, within the approved budget amount, as appropriate.

BOT 9.25.24 23-601.06 UCONN HEALTH/IMPROVEMENTS UConn Health IT Critical Equipment Redundancy Room Project Budget (Design) \$1,370,000 September 25, 2024



Conceptual Layout

September 25, 2024

TO:	Members of the Board of Trustees
FROM:	Andrew C. Agwunobi, MD, MBA Executive Vice President for Health Affairs and CEO of UConn Health
	Jeffrey P. Geoghegan, CPA Executive Vice President for Finance and Chief Financial Officer
RE:	Project Budget for the UConn Health Garage 1, 2 & 3 Electric Vehicle Charger Installation (Revised Final: \$620,000)

RECOMMENDATION:

That the Board of Trustees approve the Revised Final Budget in the amount of \$620,000 as detailed in the attached project budget for the UConn Health Garage 1, 2 & 3 Electric Vehicle Charger Installation Project.

RESOLUTION:

"Be it resolved that the Board of Trustees approve of the use of \$620,000 from UConn Health Energy Conservation Pool for the UConn Health Garage 1, 2 & 3 Electric Vehicle Charger Installation Project with partial reimbursement for CT DEEP and Eversource."

BACKGROUND:

UConn Health recently applied for and received reimbursement grants from CT DEEP (\$229,437) and Eversource (\$120,000) to install Level 2 electric vehicle (EV) charger stations in the three parking garages located on the Farmington Campus. This project will improve Wellness of People and Planet through the installation of 28 Level 2 electric vehicle charger stations. The grants will cover the costs for labor and materials for 24 EV stations including any required electrical upgrades. The project will also be replacing four (4) outdated level 1 EV charging stations in Garage 1. The replacement stations are not covered by the grants. Twenty (20) stations will be located in Garage 1 will be accessible to the public and staff. The remaining 8 stations will be located in garages 2 & 3 and are accessible to staff only.

The Revised Final Budget is attached for your consideration. The Revised Final budget is based on actual bids received. This Revised Final Budget is anticipated to be approved by the UConn Health Board of Directors at their meeting on September 9, 2024.

TYPE BUDGET: REVISED FINAL

PROJECT NAME: UCONN HEALTH - GARAGE 1, 2 & 3 ELECTRIC VEHICLE CHARGER INSTALLATION

BUDGETED EXPENDITURES		APPROVED FINAL 2/28/2024		PROPOSED REVISED FINAL 9/25/2024	
CONSTRUCTION DESIGN SERVICES TELECOMMUNICATIONS FURNITURE, FIXTURES AND EQUIPMENT CONSTRUCTION ADMINISTRATION OTHER AE SERVICES (including Project Management) ART RELOCATION ENVIRONMENTAL INSURANCE AND LEGAL MISCELLANEOUS	\$	260,000 35,000 50,000 - - - - - - - - -	\$	363,000 30,000 10,000 159,000 - - - - - - - - - - - - - - -	
SUBTOTAL	\$	475,000	\$	562,000	
PROJECT CONTINGENCY		75,000		58,000	
TOTAL BUDGETED EXPENDITURES	\$	550,000	\$	620,000	
SOURCE(S) OF FUNDING*					
UCONN HEALTH ENERGY CONSERVATION POOL CT DEEP VW GRANT EVERSOURCE REBATE	\$	200,563 229,437 120,000	\$	270,563 229,437 120,000	
TOTAL BUDGETED FUNDING	\$	550,000	\$	620,000	

* This budget reflects the University's current intended source(s) of funding for the specified project. The University may adjust this funding plan in order to ensure compliance with applicable federal and state law(s) or to strategically utilize all fund sources, within the approved budget amount, as appropriate.

BOT 9.25.24 21-066

UCONN HEALTH/IMPROVEMENTS UConn Health Garage 1, 2 & 3 Electric Vehicle Charger Installation Project Budget (Revised Final) \$620,000 September 25, 2024



Example Overhead Level 2 EV Charger

September 25, 2024

TO:	Members of the Board of Trustees
FROM:	Andrew C. Agwunobi, MD, MBA Executive Vice President for Health Affairs and CEO of UConn Health
	Jeffrey P. Geoghegan, CPA Executive Vice President for Finance and Chief Financial Officer
RE:	Project Budget for the UConn Health Hybrid OR#2 Fit-out (Design: \$7,100,000)

<u>RECOMMENDATION</u>:

That the Board of Trustees approve the Design Budget in the amount of \$7,100,000 for the UConn Health Hybrid OR#2 Fit-out project.

<u>RESOLUTION</u>:

"Be it resolved that the Board of Trustees approve of the use of \$7,100,000 from UConn Health Capital for the UConn Health Hybrid OR#2 Fit-out project."

BACKGROUND:

This project will promote and improve the Wellness of People and Planet by creating a second Hybrid Operating Room which allows surgeons to perform a range of procedures in one setting, from minimally invasive treatments to the most complex neurosurgery, interventional cardiology, and vascular procedures by using advanced biplane x-ray imaging equipment that generates highresolution 3D images of the surgical site.

Under Bioscience CT, the John Dempsey Hospital Operating suite was designed for two Hybrid Operating Rooms. At the time of construction, one Hybrid Operating room was fit-out and one remained as shell space to allow for future expansion. This project will fit-out the shelled area and install a new bi-plane imaging unit to create a 2nd Hybrid Operating Room.

The Design Budget is attached for your consideration. The Design Budget is based on consultant estimates and may change based on actual bids received. This Design Budget is anticipated to be approved by the UConn Health Board of Directors at their meeting on September 9, 2024.

TYPE BUDGET: DESIGN

PROJECT NAME: UCONN HEALTH - HYBRID OR #2 FIT-OUT

BUDGETED EXPENDITURES	APPROVED PLANNING 6/28/2023	PROPOSED DESIGN 9/25/2024	
CONSTRUCTION DESIGN SERVICES TELECOMMUNICATIONS FURNITURE, FIXTURES AND EQUIPMENT CONSTRUCTION ADMINISTRATION OTHER AE SERVICES (including Project Management) ART RELOCATION ENVIRONMENTAL INSURANCE AND LEGAL MISCELLANEOUS	\$ 975,000 202,000 30,000 4,901,000 - 52,000 - - - - 13,000	\$ 975,000 202,000 30,000 4,901,000 - 52,000 - - - - 13,000	
SUBTOTAL	\$ 6,173,000	\$6,173,000	
PROJECT CONTINGENCY	927,000	927,000	
TOTAL BUDGETED EXPENDITURES	\$ 7,100,000	\$7,100,000	
SOURCE(S) OF FUNDING*			
UCONN HEALTH CAPITAL FUNDS	\$ 7,100,000	\$7,100,000	
TOTAL BUDGETED FUNDING	\$ 7,100,000	\$7,100,000	
* This budget reflects the University's current intended so	irce(s) of funding	for the	

* This budget reflects the University's current intended source(s) of funding for the specified project. The University may adjust this funding plan in order to ensure compliance with applicable federal and state law(s) or to strategically utilize all fund sources, within the approved budget amount, as appropriate.

BOT 9.25.24

23-025



September 25, 2024

TO:	Members of the Board of Trustees
FROM:	Andrew C. Agwunobi, MD, MBA Executive Vice President for Health Affairs and CEO of UConn Health
	Jeffrey P. Geoghegan, CPA Executive Vice President for Finance and Chief Financial Officer
RE:	Project Budget for the UConn Health Southington Clinic Expansion (Final: \$1,900,000)

<u>RECOMMENDATION</u>:

That the Board of Trustees approve the Final Budget in the amount of \$1,900,000 for the UConn Health Southington Clinic Expansion project.

RESOLUTION:

"Be it resolved that the Board of Trustees approve of the use of \$1,900,000 from UConn Health Capital and a Fit-out Allowance from 1137- 1145 West Street, LLC (the "Landlord") for the UConn Health Southington Clinic Expansion project."

BACKGROUND:

UConn Health plans to expand the Internal Medicine and Multispecialty clinical practices at the 1115 West St Southington site. This will be accomplished by moving the Dermatology, Women's Health & Endocrinology practices from the 2nd floor into newly renovated space on the ground floor (LL) and expanding Internal Medicine into the vacated space. The Multispecialty clinics will grow from 8 to 12 examination rooms and the Internal Medicine practice will double in size, increasing to 16 examination rooms. The expansion will promote the Wellness of People and Planet and a Stronger, More Inclusive University by increasing community access to the Internal Medicine and extremely busy Multispecialty practices as well as offering Neurology and Nephrology services for the first time at this location.

The Final Budget is attached for your consideration. The Final Budget is based on consultant estimates and may change based on actual bids received. This Final Budget is anticipated to be approved by the UConn Health Board of Directors at their meeting on September 9, 2024.

TYPE BUDGET: FINAL

PROJECT NAME: UCONN HEALTH - SOUTHINGTON CLINIC EXPANSION

BUDGETED EXPENDITURES		PROVED DESIGN /28/2024	PROPOSED FINAL 9/25/2024
CONSTRUCTION DESIGN SERVICES TELECOMMUNICATIONS FURNITURE, FIXTURES AND EQUIPMENT CONSTRUCTION ADMINISTRATION OTHER AE SERVICES (including Project Management) ART RELOCATION ENVIRONMENTAL INSURANCE AND LEGAL MISCELLANEOUS	\$	920,000 - 77,000 145,000 - - 8,000 2,000 - - -	\$ 1,130,000 61,000 110,000 360,000 - - 8,000 2,000 - - -
SUBTOTAL		1,152,000	\$ 1,671,000
PROJECT CONTINGENCY		173,000	229,000
TOTAL BUDGETED EXPENDITURES		1,325,000	\$ 1,900,000
SOURCE(S) OF FUNDING*			
UCONN HEALTH CAPITAL FUNDS LANDLORD TENNANT ALLOWANCE	\$	1,231,720 93,280	\$ 1,806,720 93,280
TOTAL BUDGETED FUNDING		1,325,000	\$ 1,900,000

* This budget reflects the University's current intended source(s) of funding for the specified project. The University may adjust this funding plan in order to ensure compliance with applicable federal and state law(s) or to strategically utilize all fund sources, within the approved budget amount, as appropriate.

BOT 9.25.24 23-045

UCONN HEALTH/IMPROVEMENTS UConn Health Southington Clinic Expansion Project Budget (Final) \$1,900,000 September 25, 2024



4,268 SQUARE FEET BUILD-OUT 396 SQUARE FEET COMMON

CONCEPTUAL FLOOR PLAN



September 25, 2024

TO:	Members of the Board of Trustees
FROM:	Andrew C. Agwunobi, MD, MBA Executive Vice President for Health Affairs and CEO of UConn Health
	Jeffrey P. Geoghegan, CPA Executive Vice President for Finance and Chief Financial Officer
RE:	Project Budget for the UConn Health New England Sickle Cell Institute Renovation (Revised Final: \$5,270,000)

RECOMMENDATION:

That the Board of Trustees approve the Revised Final Budget in the amount of \$5,270,000 and note a report of a Revised Final Budget in the amount \$5,105,000 per the approval of the Executive Vice President for Finance and Chief Financial Officer, for the UConn Health New England Sickle Cell Institute Renovation Project.

RESOLUTION:

"Be it resolved that the Board of Trustees approve of the use of \$4,865,000 and note the previous approval of \$5,105,000, from UConn Health Capital and UCONN 2000 phase III DM funds for the UConn Health New England Sickle Cell Institute Renovation Project."

BACKGROUND:

The New England Sickle Cell Institute (NESCI) and Connecticut Blood Disorders (CBD) clinics were located on an under-utilized inpatient floor within the recently constructed University Tower. In response to the COVID pandemic, these clinics were downsized and relocated to allow for the expansion of inpatient services. This project will renovate the 4th floor of the Connecticut Tower to accommodate the relocation of the New England Sickle Cell Institute and Connecticut Blood Disorders clinics.

The current estimated cost to complete the project exceeded the previously approved budget by \$405,000. The projected overage is attributed to costs to address code remediation issues and failing infrastructure exposed during the construction process.

On August 28, 2024, the Executive Vice President for Finance and Chief Financial Officer approved an increase of \$240,000 (4.93% of the previous approved Final Budget) for a Revised Final Budget of \$5,105,000.

Board of Trustees policy permits the Executive Vice President for Finance and Chief Financial Officer to approve changes up to 5% of the project budget, providing that funding is available, and the Board of Trustees is subsequently notified of the revised project budget.

The Revised Final Budget is attached for your consideration. The Revised Final budget is anticipated to be approved by the UConn Health Board of Directors at their meeting on September 9, 2024.

TYPE BUDGET: REVISED FINAL

PROJECT NAME: UCONN HEALTH - NEW ENGLAND SICKLE CELL INSTITUTE RENOVATION

BUDGETED EXPENDITURES	APPROVED PLANNING 6/29/2022	APPROVED DESIGN 6/28/2023	APPROVED FINAL 9/27/2023	PROPOSED REVISED FINAL 9/25/2024
CONSTRUCTION DESIGN SERVICES TELECOMMUNICATIONS FURNITURE, FIXTURES AND EQUIPMENT CONSTRUCTION ADMINISTRATION OTHER AE SERVICES (including Project Management) ART RELOCATION ENVIRONMENTAL INSURANCE AND LEGAL MISCELLANEOUS	\$ 2,235,000 128,000 150,000 - - - 15,000 - - - - - - -	\$ 3,645,000 342,000 150,000 200,000 - - 45,000 5,000 30,000 - 5,000	\$ 3,645,000 342,000 150,000 200,000 - - 45,000 5,000 30,000 - 5,000	\$ 3,926,000 355,000 260,000 406,000 - - 45,000 5,000 15,000 - 7,000
SUBTOTAL	\$ 2,727,000	\$ 4,422,000	\$ 4,422,000	\$ 5,019,000
PROJECT CONTINGENCY	273,000	443,000	443,000	251,000
TOTAL BUDGETED EXPENDITURES	\$ 3,000,000	\$ 4,865,000	\$ 4,865,000	\$ 5,270,000
SOURCE(S) OF FUNDING*				
UCONN HEALTH CAPITAL FUNDS UCONN 2000 BOND FUNDS	\$ 3,000,000 	\$ 3,270,000 1,595,000	\$ 3,270,000 1,595,000	\$ 3,270,000 2,000,000
TOTAL BUDGETED FUNDING	\$ 3,000,000	\$ 4,865,000	\$ 4,865,000	\$ 5,270,000

* This budget reflects the University's current intended source(s) of funding for the specified project. The University may adjust this funding plan in order to ensure compliance with applicable federal and state law(s) or to strategically utilize all fund sources, within the approved budget amount, as appropriate.

BOT 9.25.24 21-063





September 25, 2024

TO:	Members of the Board of Trustees
FROM:	Andrew C. Agwunobi, MD, MBA Executive Vice President for Health Affairs and CEO of UConn Health
	Jeffrey P. Geoghegan, CPA Executive Vice President for Finance and Chief Financial Officer
RE:	Project Budget for the UConn Health Cryo Electron Microscope Installation (Final: \$2,086,000)

<u>RECOMMENDATION</u>:

That the Board of Trustees approve the Final Budget in the amount of \$2,086,000 for the UConn Health Cryo Electron Microscope Installation project.

<u>RESOLUTION</u>:

"Be it resolved that the Board of Trustees approves of the use of \$2,086,000 from UConn Health Research IDC Capital for the UConn Health Cryo Electron Microscope Installation project."

BACKGROUND:

This project aligns with UConn's 2024-2034 Strategic Plan because it will contribute to Excellence in Research, Innovation, and Engagement. The Molecular Biology department was awarded a \$1,457,000 NIH grant to purchase a Cryo Electron Microscope for research activities. In order to operate properly, the electron microscope requires very specific environmental parameters including seismic, vibration, humidity and temperature. This project will construct the specialized climate-controlled rooms required to house the electron microscope.

The Final Budget is attached for your consideration. The Final Budget is based on actual bids received. This Final Budget is anticipated to be approved by the UConn Health Board of Directors at their meeting on September 9, 2024.

TYPE BUDGET: FINAL

PROJECT NAME: UCONN HEALTH - CRYO ELECTRON MICROSCOPE INSTALLATION

BUDGETED EXPENDITURES		APPROVED PLANNING 6/28/2023		PROVED DESIGN /27/2023	PROPOSED FINAL 9/25/2024
CONSTRUCTION DESIGN SERVICES TELECOMMUNICATIONS FURNITURE, FIXTURES AND EQUIPMENT CONSTRUCTION ADMINISTRATION OTHER AE SERVICES (including Project Management)	\$	700,000 113,000 35,000 2,000 - 5,000	\$	700,000 113,000 35,000 2,000 - 5,000	\$ 1,496,000 171,000 35,000 16,500 - 5,000
ART RELOCATION ENVIRONMENTAL INSURANCE AND LEGAL MISCELLANEOUS		4,000 8,000 - 5,000		4,000 8,000 5,000	161,000 6,000 - 5,000
SUBTOTAL	\$	872,000	\$	872,000	\$ 1,895,500
PROJECT CONTINGENCY		88,000		88,000	190,500
TOTAL BUDGETED EXPENDITURES		960,000	\$	960,000	\$ 2,086,000
SOURCE(S) OF FUNDING*					
UCONN HEALTH RESEARCH IDC CAPITAL	\$	960,000	\$	960,000	\$ 2,086,000
TOTAL BUDGETED FUNDING		960,000	\$	960,000	\$ 2,086,000

* This budget reflects the University's current intended source(s) of funding for the specified project. The University may adjust this funding plan in order to ensure compliance with applicable federal and state law(s) or to strategically utilize all fund sources, within the approved budget amount, as appropriate.

BOT 9.25.24

22-055
UCONN HEALTH/IMPROVEMENTS UConn Health Cryo Electron Microscope Installation Project Budget (Final) \$2,086,000 September 25, 2024



Conceptual Floor Plan



September 25, 2024

TO:	Members of the Board of Trustees
FROM:	Andrew C. Agwunobi, MD, MBA Executive Vice President for Health Affairs and CEO of UConn Health
	Jeffrey P. Geoghegan, CPA Executive Vice President for Finance and Chief Financial Officer
RE:	Project Budget for the UConn Health TB-121 Blood Bank Relocation (Revised Final: \$1,125,000)

<u>RECOMMENDATION</u>:

That the Board of Trustees note a report of a Revised Final Budget in the amount \$1,125,000 as detailed in the attached project budget for the UConn Health TB-121 Blood Bank Relocation Project.

<u>RESOLUTION</u>:

"Be it resolved that the Board of Trustees note the approval of the use of \$1,125,000 from UConn Health Capital and funds received through the Cesium Irradiator Replacement Program (CIRP) for the UConn Health TB-121 Blood Bank Relocation Project."

BACKGROUND:

This project aligns with UConn's 2024-2034 Strategic Plan because it will contribute to the Wellness of People. Prior to transfusion, blood is irradiated to prevent the donor white cells from replicating and mounting an immune response against a patient causing transfusion-associated graft-versus-host disease (TA-GvHD). The current irradiator in the UConn Health Blood Bank needs to be replaced. In addition, the current Blood Bank location on the 2nd floor of the Main Building Clinical complex is a great distance from the areas where the blood is required; John Dempsey Hospital Operating Rooms (ORs), the Emergency Department (ED), and Labor & Delivery (LD).

This project will relocate the Blood Bank to an unrenovated shell space on the ground floor of the John Dempsey Hospital which is adjacent to the ORs and significantly closer to the ED and LD. In addition, a new X-ray irradiator will be furnished and installed, and the existing irradiator removed through CIRP.

The current estimated cost to complete the project will exceeded the previously approved budget by \$50,000. The projected overage is attributed to costs to address design revisions associated with the fire protection system, access controls and security systems.

On August 28, 2024, the Executive Vice President for Finance and Chief Financial Officer approved an increase of \$50,000 (4.7% of the previous approved Revised Final Budget) for a Revised Final Budget of \$1,125,000.

Board of Trustees policy permits the Executive Vice President for Finance and Chief Financial Officer to approve changes up to 5% of the project budget, providing that funding is available, and the Board of Trustees is subsequently notified of the revised project budget.

The Revised Final Budget is attached for your information and will be presented to the UConn Health Board of Directors at their meeting on September 9, 2024.

Attachments

CAPITAL PROJECT BUDGET REPORTING FORM

TYPE BUDGET: REVISED FINAL

PROJECT NAME: UCONN HEALTH -TB-121 BLOOD BANK RELOCATION

BUDGETED EXPENDITURES		PROVED FINAL /28/2023	REV	PROVED ISED FINAL /27/2023	REV	PPROVED /ISED FINAL I2/6/2023	REV	OPOSED SED FINAL 25/2024
CONSTRUCTION DESIGN SERVICES TELECOMMUNICATIONS FURNITURE, FIXTURES AND EQUIPMENT CONSTRUCTION ADMINISTRATION OTHER AE SERVICES (including Project Management) ART RELOCATION ENVIRONMENTAL INSURANCE AND LEGAL MISCELLANEOUS	\$	255,000 50,000 25,000 320,000 - - 5,000 - 10,000	\$	375,000 50,000 35,000 320,000 - - - 5,000 - - 1,000	\$	615,000 50,000 35,000 300,000 - - 5,000 - 1,000	\$	624,000 43,000 41,000 370,000 - - 5,000 - 2,000
SUBTOTAL	\$	665,000	\$	786,000	\$	1,006,000	\$ 1	,085,000
PROJECT CONTINGENCY		100,000		94,000		69,000		40,000
TOTAL BUDGETED EXPENDITURES		765,000	\$	880,000	\$	1,075,000	\$ 1	,125,000
SOURCE(S) OF FUNDING*								
UCONN HEALTH CAPITAL FUNDS CIRP	\$	662,000 103,000	\$	751,735 128,265	\$	946,735 128,265	\$	996,735 128,265
TOTAL BUDGETED FUNDING	\$	765,000	\$	880,000	\$	1,075,000	\$ 1	,125,000

* This budget reflects the University's current intended source(s) of funding for the specified project. The University may adjust this funding plan in order to ensure compliance with applicable federal and state law(s) or to strategically utilize all fund sources, within the approved budget amount, as appropriate.

BOT 9.25.24 23-010 UCONN HEALTH/IMPROVEMENTS UConn Health TB-121 Blood Bank Relocation Project Budget (Revised Final) \$1,125,000 September 25, 2024



X-Ray Blood Irradiator

UCONN HEALTH

September 25, 2024

TO:	Members of the Board of Trustees
FROM:	Andrew C. Agwunobi, MD, MBA Executive Vice President for Health Affairs and CEO of UConn Health
	Jeffrey P. Geoghegan, CPA Executive Vice President for Finance and Chief Financial Officer
RE:	Project Budget for the UConn Health Psychiatry Seclusion Suite & Nurse Station Security Renovation (Revised Final: \$1,310,000)

RECOMMENDATION:

That the Board of Trustees approve the Revised Final Budget in the amount of \$1,310,000 and note a report of a Revised Final Budget in the amount \$1,256,000 per the approval of the Executive Vice President for Finance and Chief Financial Officer, the UConn Health Psychiatry Seclusion Suite & Nurse Station Security Renovation.

<u>RESOLUTION</u>:

"Be it resolved that the Board of Trustees approve of the use of \$1,310,000 and note the previous approval of \$1,256,000, from UConn Health Capital for the UConn Health Psychiatry Seclusion Suite & Nurse Station Security Renovation to allow construction to proceed based on bids received and evaluated for conformance with the project scope and budget."

BACKGROUND:

This project aligns with UConn's 2024-2034 Strategic Plan because it will promote and improve the Wellness of People and Planet. The Inpatient Psychiatry unit located on the 1st floor of the Connecticut Tower sometimes has to deal with violent and disruptive psychiatric patients. This project will renovate portions of the unit to create a Seclusion suite to allow for the secure separation of potentially violent individuals from the patient population and install security barriers at the existing Nurses Station to protect staff.

On August 28, 2024, the Executive Vice President for Finance and Chief Financial Officer approved an increase of \$59,000 (4.93% of the previous approved Revised Final Budget) for a Revised Final Budget of \$1,256,000.

Board of Trustees policy permits the Executive Vice President for Finance and Chief Financial Officer to approve changes up to 5% of the project budget, providing that funding is available, and the Board of Trustees is subsequently notified of the revised project budget.

The Revised Final Budget is attached for your consideration. This Revised Final Budget is anticipated to be approved by the UConn Health Board of Directors at their meeting on September 9, 2024.

Attachments

CAPITAL PROJECT BUDGET REPORTING FORM

TYPE BUDGET: REVISED FINAL

PROJECT NAME: UCONN HEALTH - PSYCHIATRY SECLUSION SUITE & NURSE STATION SECURITY RENOVATION

BUDGETED EXPENDITURES		PPROVED DESIGN 5/29/2022	PPROVED FINAL 9/28/2022	REV	PROVED ISED FINAL 2/7/2022	PROPOSED REVISED FINAL 9/25/2024
CONSTRUCTION DESIGN SERVICES TELECOMMUNICATIONS FURNITURE, FIXTURES AND EQUIPMENT CONSTRUCTION ADMINISTRATION	\$	506,000 66,000 25,000 21,000	\$ 697,000 50,000 49,000 22,000	\$	936,000 50,000 55,000 22,000	\$ 1,028,500 80,000 64,000 22,000
OTHER AE SERVICES (including Project Management) ART RELOCATION ENVIRONMENTAL INSURANCE AND LEGAL MISCELLANEOUS		3,000 18,000 - 19,000	3,000 28,000 19,000		- 3,000 3,000 19,000	- 3,000 28,000 74,000
SUBTOTAL	\$	658,000	\$ 868,000	\$	1,088,000	\$ 1,299,500
PROJECT CONTINGENCY		132,000	 174,000		109,000	10,500
TOTAL BUDGETED EXPENDITURES		790,000	\$ 1,042,000	\$	1,197,000	\$ 1,310,000
SOURCE(S) OF FUNDING*						
UCONN HEALTH CAPITAL FUNDS	\$	790,000	\$ 1,042,000	\$	1,197,000	\$ 1,310,000
TOTAL BUDGETED FUNDING	\$	790,000	\$ 1,042,000	\$	1,197,000	\$ 1,310,000

* This budget reflects the University's current intended source(s) of funding for the specified project. The University may adjust this funding plan in order to ensure compliance with applicable federal and state law(s) or to strategically utilize all fund sources, within the approved budget amount, as appropriate.

UCONN HEALTH/IMPROVEMENTS UConn Health Psychiatry Seclusion Suite & Nurse Station Security Renovation Budget (Revised Final) \$1,310,000 September 25, 2024



Conceptual Floor Plan



September 25, 2024

TO:	Members of the Board of Trustees
FROM:	Andrew C. Agwunobi, MD, MBA Executive Vice President for Health Affairs and CEO of UConn Health
	Jeffrey P. Geoghegan, CPA Executive Vice President for Finance and Chief Financial Officer
RE:	Project Budget for the UConn Health Fluoroscopy Equipment Replacement & Renovation (Revised Final: \$1,020,000)

<u>RECOMMENDATION</u>:

That the Board of Trustees approve the Revised Final Budget in the amount of \$1,020,000 and note a report of a Revised Final Budget in the amount \$782,000 per the approval of the Executive Vice President for Finance and Chief Financial Officer, for the UConn Health Fluoroscopy Equipment Replacement & Renovation Project.

RESOLUTION:

"Be it resolved that the Board of Trustees approve of the use of \$1,020,000 and note the previous approval of \$782,000 from UConn Health Capital for the UConn Health Fluoroscopy Equipment Replacement & Renovation Project."

BACKGROUND:

A Master Plan for the renovation of the Radiology Department located on the Main Level of the Connecticut Tower has been developed to ensure outdated diagnostic radiology imaging equipment can be replaced in a manner that is in compliance with current Connecticut Department of Health design/construction guidelines, improve staff workflow and the patient experience. This project aligns with UConn's 2024-2034 Strategic Plan because it will promote and improve the Wellness of People and Planet.

This is the first project of the Master Plan and involves a renovation to create a space for the installation of a new Fluoroscopy Imaging unit. The purchase of the Fluoroscopy unit was done under a separate contract and is not included in the attached project budget.

The current estimated cost to complete the project will exceed the previously approved budget by \$275,000. The projected overage is attributed to post-construction design revisions associated with a new patient restroom, changing area and HVAC system modifications.

On August 28, 2024, the Executive Vice President for Finance and Chief Financial Officer approved an increase of \$37,000 (4.97% of the previous approved Revised Final Budget) for a Revised Final Budget of \$782,000.

Board of Trustees policy permits the Executive Vice President for Finance and Chief Financial Officer to approve changes up to 5% of the project budget, providing that funding is available, and the Board of Trustees is subsequently notified of the revised project budget.

The Revised Final Budget is attached for your consideration. This Final Revised Budget is anticipated to be approved by the UConn Health Board of Directors at their meeting on September 9, 2024.

Attachments

CAPITAL PROJECT BUDGET REPORTING FORM

TYPE BUDGET: REVISED FINAL

PROJECT NAME: UCONN HEALTH - FLUOROSCOPY EQUIPMENT REPLACEMENT AND RENOVATION

BUDGETED EXPENDITURES		PROVED FINAL /27/2023	PROPOSED REVISED FINAL 9/25/2024		
CONSTRUCTION DESIGN SERVICES TELECOMMUNICATIONS FURNITURE, FIXTURES AND EQUIPMENT CONSTRUCTION ADMINISTRATION OTHER AE SERVICES (including Project Management) ART RELOCATION ENVIRONMENTAL INSURANCE AND LEGAL MISCELLANEOUS	\$	553,000 70,000 2,000 20,000 - - - 1,000 - 3,000	\$	786,000 65,000 23,000 - - 1,000 - 4,000	
SUBTOTAL	\$	649,000	\$	881,000	
PROJECT CONTINGENCY		96,000		139,000	
TOTAL BUDGETED EXPENDITURES		745,000	\$	1,020,000	
SOURCE(S) OF FUNDING*					
UCONN HEALTH CAPITAL FUNDS	\$	745,000	\$	1,020,000	
TOTAL BUDGETED FUNDING		745,000	\$	1,020,000	

* This budget reflects the University's current intended source(s) of funding for the specified project. The University may adjust this funding plan in order to ensure compliance with applicable federal and state law(s) or to strategically utilize all fund sources, within the approved budget amount, as appropriate.

BOT 9.25.24

21-009

UCONN HEALTH/IMPROVEMENTS UConn Health Fluoroscopy Equipment Replacement & Renovation Project Budget (Revised Final) \$1,020,000 September 25, 2024



REDESIGNED FLUOROSCOPY ROOM LAYOUT

UCONN HEALTH

September 25, 2024

TO:	Members of the Board of Trustees
FROM:	Andrew C. Agwunobi, MD, MBA Executive Vice President for Health Affairs and CEO of UConn Health
	Jeffrey P. Geoghegan, CPA Executive Vice President for Finance and Chief Financial Officer
RE:	Project Budget for the UConn Health Canzonetti (F) Building Wound Care Center Renovation (Revised Final: \$1,330,000)

RECOMMENDATION:

That the Board of Trustees approve the Revised Final Budget in the amount of \$1,330,000 and note a report of a Revised Final Budget in the amount \$1,286,000 per the approval of the Executive Vice President for Finance and Chief Financial Officer, for the UConn Health Canzonetti (F) Building Wound Care Center Renovation.

RESOLUTION:

"Be it resolved that the Board of Trustees approve of the use of \$1,330,000 and note the previous approval of \$1,286,000 from UConn Health Capital and a Design and Construction allowance from Restorix Health Inc (Wound Care Center operator) for the UConn Health Canzonetti (F) Building Wound Care Center Renovation."

BACKGROUND:

UConn Health and Restorix Health Inc have entered into a Professional Service Agreement to create a Comprehensive Wound Care Center (CWC) utilizing Hyperbaric Oxygen Therapy within the Canzonetti Building (F) that will be designed, furnished, staffed and operated by Restorix Health Inc. The Wound Care Center is complete and treating patients. This project aligns with UConn's 2024-2034 Strategic Plan by promoting and improving the Wellness of People and Planet.

The current estimated cost to complete the project will exceed the previously approved budget by \$105,000. The projected overage is attributed to costs associated with a delay claim submitted by the contractor and additional code remediation issues exposed during the construction process.

On August 28, 2024, the Executive Vice President for Finance and Chief Financial Officer approved an increase of \$61,000 (4.98% of the previous approved Revised Final Budget) for a Revised Final Budget of \$1,286,000.

Board of Trustees policy permits the Executive Vice President for Finance and Chief Financial Officer to approve changes up to 5% of the project budget, providing that funding is available, and the Board of Trustees is subsequently notified of the revised project budget.

The Revised Final Budget is attached for your consideration. This Revised Final Budget is anticipated to be approved by the UConn Health Board of Directors at their meeting on September 9, 2024.

Attachments

CAPITAL PROJECT BUDGET REPORTING FORM

TYPE BUDGET: REVISED FINAL

PROJECT NAME: UCONN HEALTH - CANZONETTI (F) BUILDING WOUND CARE CENTER RENOVATION

BUDGETED EXPENDITURES	APPROVED DESIGN 6/29/2022	APPROVED FINAL 6/28/2023	PROPOSED REVISED FINAL 9/25/2024
CONSTRUCTION DESIGN SERVICES TELECOMMUNICATIONS FURNITURE, FIXTURES AND EQUIPMENT CONSTRUCTION ADMINISTRATION OTHER AE SERVICES (including Project Management) ART RELOCATION ENVIRONMENTAL INSURANCE AND LEGAL MISCELLANEOUS	\$ 640,000 64,000 5,000 - - - - - - - - - - - - - - - - - -	\$ 958,000 85,000 64,000 - - - - - - 2,000	\$ 1,100,000 85,000 120,000 - - - 1,000 - - - 6,000
SUBTOTAL	\$ 773,000	\$ 1,113,000	\$ 1,319,000
PROJECT CONTINGENCY	77,000	112,000	11,000
TOTAL BUDGETED EXPENDITURES	\$ 850,000	\$ 1,225,000	\$ 1,330,000
SOURCE(S) OF FUNDING*			
UCONN HEALTH CAPITAL FUNDS RESTORIX HEALTH INC DESIGN & CONSTRUCTION ALLOWANCE	\$ 500,000 <u>350,000</u>	\$ 875,000 350,000	\$ 980,000 <u>350,000</u>
TOTAL BUDGETED FUNDING	\$ 850,000	\$ 1,225,000	\$ 1,330,000

* This budget reflects the University's current intended source(s) of funding for the specified project. The University may adjust this funding plan in order to ensure compliance with applicable federal and state law(s) or to strategically utilize all fund sources, within the approved budget amount, as appropriate.

BOT 9.25.24 22-019 UCONN HEALTH/IMPROVEMENTS UConn Health Canzonetti (F) Building Wound Care Center Renovation Budget (Revised Final) \$1,330,000 September 25, 2024



Conceptual Floor Plan



Summary of Individual Change Orders Greater Than 3% of Project Cost

Period: 05/16/2024 - 08/31/2024

During the period between May 16, 2024 and August 31, 2024 no individual project's construction change order value equaled or exceeded 3% of the project cost.



BOARD OF TRUSTEES BUILDINGS, GROUNDS & ENVIRONMENT COMMITTEE

2025 MEETING SCHEDULE

MEETING DATE	LOCATION	Τιμε
Tuesday February 18, 2025	Virtual (See agenda for public streaming link.)	10:00 a.m.
Tuesday April 15, 2025	Virtual (See agenda for public streaming link.)	10:00 a.m.
Tuesday June 17, 2025	Virtual (See agenda for public streaming link.)	10:00 a.m.
Tuesday September 9, 2025	Virtual (See agenda for public streaming link.)	10:00 a.m.
Tuesday November 18, 2025	Virtual (See agenda for public streaming link.)	10:00 a.m.