

Period Ending: March 31, 2021

Storrs and Regional Campuses

UConn Health



Period Ending: March 31, 2021

Section 1 - Storrs and Regional Campuses

Index of Reports

This quarterly report is only for UPDC projects over \$500,000. Other departments, such as Facility Operations, ITS, etc. may also have capital projects greater than \$500,000, but these are not included in this report and are not reported on by UPDC.

The reports listed below are compiled in this Quarterly Report and provide a summary overview of each project together with progress photographs and the project manager's estimate of the cost to complete the project. Because the reports contain projected costs and also account for budget risks identified by the project manager individual reports may not necessarily exactly correlate with the actual committed or expended costs contained in the financial records of the University.

Project	Project Number
UConn 2000 Code Remediation - Stamford Downtown Relocation	201523
University Athletic District Development	201696
Public Safety Building Improvements	201703
Supplemental Utility Plant	300025
NWQUAD - Science 1 - Site Improvements and Tunnel Phase 2	300050
Stamford Abutting Property Remediation	300149
Boiler Plant Equipment Replacement and Utility Tunnel Connection	300151
Academic & Research Facilities - STEM Research Center Science 1	901802
Gant Building Renovation - STEM	901803



**UConn 2000 Code Remediation - Stamford Downtown** 

Relocation

Period Ending: March 31, 2021 Project Number: 201523

### **Project Parameters**

Project Architect/Engineer: **AECOM Technical Services Inc.** Notice to Proceed: 07/10/2020 General Contractor/CM: Daniel OConnells Sons Inc. Contract Substantial Completion: (Ph I) 08/14/2020 **UConn Proiect Manager:** Thomas Haskell Projected Substantial Completion (Ph I): 11/13/2020 Proiect Phase: Construction Phase 1 & 2 Budget: \$22,000,000,00 Percent Complete: 98 % (Ph I) Estimated Total Project Cost (Ph I): \$3,277,464.17

### **Project Description:**

After completing a required plan review and field inspection of the UConn 2000 Code Remediation - Stamford Downtown Relocation project, the Office of the Fire Marshal and Building Inspector cited fifty-three code discrepancies related to the original project.

The University has engaged the services of an architect to complete the necessary design for the remediation of the balance of the discrepancies and to integrate the designs with planned minor programmatic renovations. The University has also retained the services of a construction manager to undertake the necessary preconstruction services to estimate the construction costs and to begin remediation and construction.

### **Current Project Status:**

3 discrepancies were addressed in 2017. 19 discrepancies were resolved between the original architect and building departments so 31 total remain open.

PHASE I: UConn 2000 Code Remediation and Programmatic Renovations Stamford Campus

GMP Amendment was signed on 7/8/2020 to address another 10 deficiencies. A Notice To Proceed was issued to the Construction Manager on 7/10/2020. Construction was substantially complete by 11/15/2020. This reduced the number of deficiencies to 21.

PHASE II: UConn 2000 Code Remediation and Programmatic Renovations Stamford Campus

Construction Documents have been completed and are out for trade package bidding. A GMP will be assembled in May of 2021, with an anticipated construction start of July 2021. Phase II construction duration is 18 months. Work in this phase includes adding restrooms, adding egress stairs, completing fire-rated assemblies, and new duct shaft enclosures.

### Project Issues/Risks:

A cost estimate for the Phase II work is anticipated in December 2020. The total cost of work for all phases and to address all deficiencies is approximately \$22 million. Approval of the Phase II budget was approved at the February 2021 Board of Trustees meeting.



Phase II - Rendering from SE



Project Name: UConn 2000 Code Remediation - Stamford Downtown Relocation

Project Name: UConn 2000 Project Num.: 201523 Project Phase: Construction

	Project Financial Summary									
Code	Description	Planned Total Project Budget	Current Phase Budget	Base Commitments	CO/CCD/PCO	Total Committed to Date	Issues/Risks	Estimated Total Project Cost	Variance (CPB-ETPC)	Invoice (Approved/Paid)
01000	Construction	\$16,600,000.00	\$19,250,000.00	\$1,064,823.29	-\$90,971.73	\$973,851.56	\$0.00	\$973,851.56	\$18,276,148.44	\$809,055.28
02000	Design Services	\$1,500,000.00	\$750,000.00	\$183,958.00	\$547,986.00	\$731,944.00	\$0.00	\$731,944.00	\$18,056.00	\$721,618.00
03000	Telecom	\$225,000.00	\$15,000.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$15,000.00	\$0.00
04000	Furniture, Fixtures & Equipment	\$200,000.00	\$100,000.00	\$95,496.71	\$0.00	\$95,496.71	\$0.00	\$95,496.71	\$4,503.29	\$95,496.71
05000	Internal Costs	\$675,000.00	\$650,000.00	\$813,230.50	\$341,122.00	\$1,154,352.50	\$0.00	\$1,154,352.50	-\$504,352.50	\$734,352.50
06000	Other A/E Services	\$75,000.00	\$75,000.00	\$59,970.00	-\$1,507.14	\$58,462.86	\$0.00	\$58,462.86	\$16,537.14	\$55,262.86
07000	Art	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
08000	Relocation	\$150,000.00	\$25,000.00	\$1,601.75	\$0.00	\$1,601.75	\$0.00	\$1,601.75	\$23,398.25	\$1,598.90
09000	Environmental	\$50,000.00	\$25,000.00	\$60,915.00	\$0.00	\$60,915.00	\$0.00	\$60,915.00	-\$35,915.00	\$38,745.00
10000	Insurance & Legal	\$425,000.00	\$200,000.00	\$168,267.50	\$29,862.87	\$198,130.37	\$0.00	\$198,130.37	\$1,869.63	\$198,130.37
11000	Miscellaneous	\$100,000.00	\$24,660.00	\$2,922.08	-\$212.66	\$2,709.42	\$0.00	\$2,709.42	\$21,950.58	\$2,709.42
	DIRECT COST SUBTOTAL	\$20,000,000.00	\$21,114,660.00	\$2,451,184.83	\$826,279.34	\$3,277,464.17	\$0.00	\$3,277,464.17	\$17,837,195.83	\$2,656,969.04
12000	Contingency	\$2,000,000.00	\$885,340.00		•		•		\$885,340.00	
	TOTAL	\$22,000,000.00	\$22,000,000.0	\$2,451,184.83	\$826,279.34	\$3,277,464.17	\$0.00		\$18,722,535.83	\$2,656,969.04

\$ 3,277,464.17
\$ 22,000,000.00
\$ 18,722,535.83

Total Current Funding
-----------------------

Construction Change Or	der Monitor	
EXECUTED CHANGE ORDERS	\$ -849.92	-0.08%
TOTAL PENDING CHANGE ORDERS	\$ -90,121.81	-8.46%
TOTAL CONSTRUCTION CHANGES	\$ -90,971.73	-8.54%

# Comments - Construction Changes over 5%:

Change orders to Phase I capture additional scope of work to correct NODs.



**Quarterly Construction Status Report Period Ending: March 31, 2021** 

University Athletic District Development Project Number: 201696

### **Project Parameters**

Project Architect/Engineer: Newman Architects PC Notice to Proceed: 04/22/2019 Daniel OConnells Sons Inc. Contract Substantial Completion: 03/05/2021 General Contractor/CM: UConn Project Manager: John Robitaille Projected Substantial Completion: 03/05/2021 Project Phase: Construction Current Phase Budget: \$96,600,000.00 Percent Complete: 100 % Estimated Total Project Cost: \$89,968,302.04

### **Project Description:**

This project will replace existing outdated facilities with new stadia for baseball, softball and soccer. The project includes a new Performance Center, approximately 50,000 sf, which consists of new team and coach locker rooms, coaches' offices, equipment room, strength and conditioning, athletic training, hydro-therapy pools, conference room, video room and associated support spaces. This project also includes a new multi-purpose field that supports both Athletics and the Student Recreation departments. This new field will support activities such as lacrosse, soccer, and other club sports.

In order to ready the site for the Athletics District Development, two phases of enabling projects are necessary in advance of the construction proper. These include the Southwest Campus Infrastructure Utilities project, which has finished construction, as well as additional enabling work which includes site work, mass excavation, retaining walls, demolition and relocation of utilities in preparation of construction of the stadia facilities.

### **Current Project Status:**

Baseball Field: 100% complete and being used by students.

Performance Center is 100% complete and turned over to the University. Staff has moved in and student athletes are using the facility. A few punch list items are remaining to be completed.

The softball field and recreation practice field are 100% complete. Final landscaping and punch list items are being addressed. DOC trailers will be removed mid-April.

The project is on schedule and within budget.

### Project Issues/Risks:

None



Baseball Field, Soccer Pitch, and Performance Center



Softball Field and Student Recreation Field



Project Name: University Athletic District Development

Project Num.: 201696
Project Phase: Construction

	Project Financial Summary									
Code	Description	Planned Total Project Budget	Current Phase Budget	Base Commitments	CO/CCD/PCO	Total Committed to Date	Issues/Risks	Estimated Total Project Cost	Variance (CPB-ETPC)	Invoice (Approved/Paid)
01000	Construction	\$72,500,000.00	\$72,500,000.00	\$68,277,776.41	\$6,558,530.90	\$74,836,307.31	\$690,000.00	\$75,526,307.31	-\$3,026,307.31	\$62,713,157.12
02000	Design Services	\$8,000,000.00	\$8,000,000.00	\$4,586,665.79	\$3,458,747.53	\$8,045,413.32	\$100,000.00	\$8,145,413.32	-\$145,413.32	\$7,620,105.97
03000	Telecom	\$500,000.00	\$500,000.00	\$381,263.05	\$24,130.52	\$405,393.57	\$0.00	\$405,393.57	\$94,606.43	\$169,937.64
04000	Furniture, Fixtures & Equipment	\$2,800,000.00	\$2,800,000.00	\$1,444,674.40	\$107,230.70	\$1,551,905.10	\$0.00	\$1,551,905.10	\$1,248,094.90	\$1,334,318.61
05000	Internal Costs	\$3,155,000.00	\$3,227,000.00	\$638,313.55	\$2,897,048.97	\$3,535,362.52	\$15,000.00	\$3,550,362.52	-\$323,362.52	\$3,308,056.28
06000	Other A/E Services	\$595,000.00	\$595,000.00	\$356,933.86	\$383,577.24	\$740,511.10	\$0.00	\$740,511.10	-\$145,511.10	\$700,038.42
07000	Art	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
08000	Relocation	\$0.00	\$0.00	\$1,774.00	\$1,567.75	\$3,341.75	\$0.00	\$3,341.75	-\$3,341.75	\$3,341.75
09000	Environmental	\$580,000.00	\$580,000.00	\$88,600.00	-\$80,900.00	\$7,700.00	\$0.00	\$7,700.00	\$572,300.00	\$7,700.00
10000	Insurance & Legal	\$20,000.00	\$20,000.00	\$20,000.00	\$0.00	\$20,000.00	\$0.00	\$20,000.00	\$0.00	\$15,196.50
11000	Miscellaneous	\$150,000.00	\$78,000.00	\$17,367.37	\$0.00	\$17,367.37	\$0.00	\$17,367.37	\$60,632.63	\$15,023.58
	DIRECT COST SUBTOTAL	\$88,300,000.00	\$88,300,000.00	\$75,813,368.43	\$13,349,933.61	\$89,163,302.04	\$805,000.00	\$89,968,302.04	-\$1,668,302.04	\$75,886,875.87
12000	Contingency	\$8,300,000.00	\$8,300,000.00						\$8,300,000.00	
	TOTAL	\$96,600,000.00	\$96,600,000.0	\$75,813,368.43	\$13,349,933.61	\$89,163,302.04	\$805,000.00		\$6,631,697.96	\$75,886,875.87

BUDGET MONITOR	
ESTIMATED TOTAL PROJECT COST	\$ 89,968,302.04
TOTAL APPROVED BUDGET	\$ 96,600,000.00
PROJECT (OVER-RUN)/UNDER-RUN	\$ 6,631,697.96

Total Current Funding	\$ 89,961,048.21

Construction Change Or	der Monitor	
EXECUTED CHANGE ORDERS	\$ 5,466,492.41	8.01%
TOTAL PENDING CHANGE ORDERS	\$ 1,092,038.49	1.60%
TOTAL CONSTRUCTION CHANGES	\$ 6,558,530.90	9.61%

### Comments - Construction Changes over 5%:

\$282,539.11 is for Pre-Construction Services and other owner construction related costs

Approx. \$1.1M for extension of utilities along JCW for future hockey arena

Approx. \$825K for unforeseen rock drilling for the installation of the four (4) sport light towers at the soccer field.

Approx. \$475K for unforeseen rock blasting and excavation for site utility installations.

Approx. \$350K for inserting the lacrosse team locker rooms and offices into the Performance Center.

Approx. \$200K for softball stadium requested changes from Athletics.

Approx. \$250K for AV equipment within Central Control Room

Approx. \$75k for emergency lighting at soccer stadium per OSFM/OSBI



# **Quarterly Construction Status Report Period Ending: March 31, 2021**

Public Safety Building Improvements
Project Number: 201703

#### **Project Parameters**

Project Architect/Engineer: Christopher Williams Architects LLC Notice to Proceed: 01/11/2021 General Contractor/CM: Sarazin General Contractors. Inc. Contract Substantial Completion: 06/13/2022 UConn Project Manager: Scott Gallo **Projected Substantial Completion:** 06/13/2022 Project Phase: Construction Current Phase Budget: \$7,000,000.00 Percent Complete: 3 % Estimated Total Project Cost: \$6,682,711.14

### **Project Description:**

Project scope includes an addition at the south side of the building to expand the existing main entrance and an addition at the East side of the building to house Fire Department offices, dining and lounge areas, sleeping rooms and toilet, locker and shower facilities. Alterations to the existing First Floor include expansion of the existing Dispatch Room and creation of new toilet, locker and shower facilities for the Police Department. Site work includes relocation of existing underground utilities and related grading and underground storm drainage system. MEP work includes Fire protection, plumbing, HVAC, electrical and telecommunications related to the additions and alterations as well as replacement of existing First and Second floor lighting with LED type lighting.

### Current Project Status:

The Contractor mobilized on-site on March 1, 2021. Phase 1 of the schedule includes the construction of the East Addition which began with the installation of the fencing and underground utility work. All excessive soils have been removed, temporary drainage and storm water piping is being installed, and excavating for new domestic water and fire service is underway. The new gas line and meter is being moved soon.

Phase 2, which includes the relocation of Dispatch has begun. Routing of fiber and circuits for the temporary dispatch location are being reevaluated and will be installed within the next 3 weeks, with the relocation of Dispatch occurring soon after.

We have an allowance of \$200K for the removal of rock with the replacement of satisfactory soil material. We have currently removed an estimated 70% of the possible area without needing to use this allowance. We anticipate receiving a majority of this allowance as a credit from the contractor.

Due to a decision by the University, after the project was awarded, to not use Eversource to supply and maintain the primary electrical feeders to the building, the project will have to absorb these costs of approximately \$90,000.

### Project Issues/Risks:

The duct bank containing 911/Collect System fiber optics has been determined to be in the way of the East Addition footings. Relocation of the duct bank is inevitable. Working with DAS/Best and UITS to relocate essential fiber optics for the continued operation of those services, which includes telephone, internet, and 911 systems.



Storm Water Drain Installation



Uncovered Duct Bank and Gate Valve



Public Safety Building Improvements 201703

Project Name: Project Num.: Project Phase: Construction

				Proj	ject Financial S	Summary				
Code	Description	Planned Total Project Budget	Current Phase Budget	Base Commitments	CO/CCD/PCO	Total Committed to Date	Issues/Risks	Estimated Total Project Cost	Variance (CPB-ETPC)	Invoice (Approved/Paid)
01000	Construction	\$5,546,000.00	\$5,546,000.00	\$5,546,000.00	\$0.00	\$5,546,000.00	\$80,000.00	\$5,626,000.00	-\$80,000.00	\$0.00
02000	Design Services	\$576,905.00	\$576,905.00	\$371,759.50	\$214,963.50	\$586,723.00	\$0.00	\$586,723.00	-\$9,818.00	\$446,316.75
03000	Telecom	\$30,859.00	\$30,859.00	\$38,359.40	\$0.00	\$38,359.40	\$0.00	\$38,359.40	-\$7,500.40	\$0.00
04000	Furniture, Fixtures & Equipment	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
05000	Internal Costs	\$266,061.00	\$266,061.00	\$8,265.00	\$258,396.00	\$266,661.00	\$0.00	\$266,661.00	-\$600.00	\$56,661.00
06000	Other A/E Services	\$102,247.00	\$102,247.00	\$109,334.77	\$0.00	\$109,334.77	\$0.00	\$109,334.77	-\$7,087.77	\$2,766.00
07000	Art	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
08000	Relocation	\$71,350.00	\$71,350.00	\$79,355.60	-\$24,522.63	\$54,832.97	\$0.00	\$54,832.97	\$16,517.03	\$820.40
09000	Environmental	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
10000	Insurance & Legal	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
11000	Miscellaneous	\$500.00	\$500.00	\$500.00	\$300.00	\$800.00	\$0.00	\$800.00	-\$300.00	\$796.94
		A. =00.000.00	An Tan 200 00	00 150 551 05	<b>*</b> 4 4 0 4 0 0 0 <b>7</b>	<b>***</b>	<b>*</b>	A0.000 744.44	<b>A</b> 00 <b>T</b> 00 44	A=0= 004 00
	DIRECT COST SUBTOTAL	\$6,593,922.00	\$6,593,922.00	\$6,153,574.27	\$449,136.87	\$6,602,711.14	\$80,000.00	\$6,682,711.14	-\$88,789.14	\$507,361.09
12000	Contingency	\$406,078.00	\$406,078.00						\$406,078.00	
	TOTAL	\$7,000,000.00	\$7,000,000.0	\$6,153,574.27	\$449,136.87	\$6,602,711.14	\$80,000.00		\$317,288.86	\$507,361.09

BUDGET MONITOR	
ESTIMATED TOTAL PROJECT COST	\$ 6,682,711.14
TOTAL APPROVED BUDGET	\$ 7,000,000.00
PROJECT (OVER-RUN)/UNDER-RUN	\$ 317,288.86

Total Current Funding	\$ 7,000,000.00
-----------------------	-----------------

Construction Change Or	der Monitor	
EXECUTED CHANGE ORDERS	\$ 0.00	0.00%
TOTAL PENDING CHANGE ORDERS	\$ 0.00	0.00%
TOTAL CONSTRUCTION CHANGES	\$ 0.00	0.00%

0	
Comments - Construction Changes over 5%:	
	٦



# **Quarterly Construction Status Report** Period Ending: March 31, 2021

**Supplemental Utility Plant** Project Number: 300025

### **Project Parameters**

Project Architect/Engineer: Richard Turlington Architects Inc Notice to Proceed: 06/05/2020 General Contractor/CM: Bond Brothers Inc Contract Substantial Completion: 06/06/2022 UConn Project Manager: Webb Grouten, Jr. **Projected Substantial Completion:** 05/31/2022 Project Phase: Construction Current Phase Budget: \$67,000,000.00 Estimated Total Project Cost: \$62,785,688.19

Percent Complete: 20 %

### **Project Description:**

Utility modeling has shown that additional chilled water, steam, and electrical power will be needed to complete the renovation of the Gant Science Complex and the construction of the STEM Research Center - Science 1 building, both of which are key elements in the State's Next Generation CT program.

To meet these additional loads, a new Supplemental Utility Plant (SUP) will be constructed in the Northwest Science Quad District, but it will include only equipment required to complete Gant Science Complex and STEM Research Center. Equipment to generate electricity is NOT included, pending the study of renewable energy resources and the reduction of carbon emissions by the Trustees, Administration, Faculty and Students (TAFS) committee, the Solve Climate by 2030 committee, and the President's Working Group on Sustainability.

To meet the immediate Gant Science Complex and STEM Research Center needs for heating and cooling, and the need for an upgrade to the existing campus power interconnection and distribution system, the SUP will include:

Two steam chillers and two electric chillers;

An upgraded electrical utility connection to re-establish the original University operating requirements for campus electrical power distribution, allowing the campus to be serviced fully by either local UConn Cogenerated Clean Heat and Power Distributed Generation Resource Micro-Grid power or purchased imported power from the Eversource grid;

Two emergency generator(s) to support emergency power demands for Gant Science Complex and STEM Research Center; Space allocation and provisions for one (1) steam boiler as part of the replacement of four (4) aging boilers located at the Central Utility Plant (CUP) which are required to be phased out of service by 2023 due to DEEP/EPA regulatory emissions caps. The new dual-fuel efficient steam boilers will reduce greenhouse gas emissions by 3.5% - 5.25% from current levels.

Formerly known as SUP Phase 2, construction to enhance the local UConn Cogenerated Clean Heat and Power Distributed Generation Resource Micro-Grid tri-generation to increase the current capacity to service projected campus needs is on hold, pending the outcome of the sustainability committees and working groups.

### **Current Project Status:**

The construction Notice to Proceed was issued June 5, 2020. Formwork, rebar and concrete for footings and foundations is essentially complete. Foundation wall waterproofing continues followed by backfilling operations. Concrete site retaining wall is complete. Interior underground plumbing is 90% complete. Building Information Modeling (BIM) coordination of mechanical, plumbing, fire protection, electrical and structural is 95% complete. Steel erection is 50% complete and scheduled to finish in late April. Planning and logistics is complete for F Lot electrical duct bank installation in April.

Planning and logistics for numerous electrical shutdowns continues with campus stakeholders. First shutdown is scheduled in May. Eversource high capacity feeders in the Right of Way (ROW) west of the project continues to be coordinated with UConn Fac Ops. Eversource has committed to support the project schedule including new pole installation in early April for F-Lot work.

The project substantial completion date has been extended to June 6, 2022 via a no cost change order.

With the exception of field oversight staff, the internal UPDC project delivery team is abiding by the University directive for all staff members to work remotely. The project is exercising COVID-19 protocols for all workers.

The project is currently within budget and on schedule.

#### Project Issues/Risks:

Phase 2 gas turbines are on hold following the President's direction to reduce carbon emissions by 45% by 2030. Critical items being tracked include:

Eversouce Right of Way (ROW) high capacity feeder and pole location through wetland west of project site.

Mechanical (chillers) and electrical (substation, switchgear) equipment long lead items.

Structural steel erection and building dry to support installation of electrical equipment.

Period Ending: March 31, 2021



Boiler hall steel erection looking south



Concrete pumping west end of tunnel walls looking southwest



Supplemental Utility Plant 300025

Project Name: Project Num.: Project Phase: Construction

				Proj	ect Financial S	Summary				
Code	Description	Planned Total Project Budget	Current Phase Budget	Base Commitments	CO/CCD/PCO	Total Committed to Date	Issues/Risks	Estimated Total Project Cost	Variance (CPB-ETPC)	Invoice (Approved/Paid)
01000	Construction	\$51,250,000.00	\$51,250,000.00	\$51,728,984.42	\$935,687.23	\$52,664,671.65	\$1,016,216.73	\$53,680,888.38	-\$2,430,888.38	\$4,237,434.54
02000	Design Services	\$4,400,000.00	\$4,400,000.00	\$3,715,300.00	\$1,508,958.05	\$5,224,258.05	\$0.00	\$5,224,258.05	-\$824,258.05	\$3,388,787.84
03000	Telecom	\$500,000.00	\$500,000.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$500,000.00	\$0.00
04000	Furniture, Fixtures & Equipment	\$50,000.00	\$50,000.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$50,000.00	\$0.00
05000	Internal Costs	\$3,000,000.00	\$3,000,000.00	\$244,187.20	\$3,246,843.91	\$3,491,031.11	\$0.00	\$3,491,031.11	-\$491,031.11	\$977,536.83
06000	Other A/E Services	\$300,000.00	\$300,000.00	\$380,470.00	\$0.00	\$380,470.00	\$0.00	\$380,470.00	-\$80,470.00	\$77,196.00
07000	Art	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
08000	Relocation	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
09000	Environmental	\$100,000.00	\$100,000.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$100,000.00	\$0.00
10000	Insurance & Legal	\$0.00	\$0.00	\$2,627.00	\$4,727.38	\$7,354.38	\$0.00	\$7,354.38	-\$7,354.38	\$5,932.38
11000	Miscellaneous	\$400,000.00	\$400,000.00	\$1,686.27	\$0.00	\$1,686.27	\$0.00	\$1,686.27	\$398,313.73	\$1,686.27
	DIRECT COST SUBTOTAL	\$60,000,000.00	\$60,000,000.00	\$56,073,254.89	\$5,696,216.57	\$61,769,471.46	\$1,016,216.73	\$62,785,688.19	-\$2,785,688.19	\$8,688,573.86
12000	Contingency	\$7,000,000.00	\$7,000,000.00						\$7,000,000.00	
	TOTAL	\$67,000,000.00	\$67,000,000.0	\$56,073,254.89	\$5,696,216.57	\$61,769,471.46	\$1,016,216.73		\$4,214,311.81	\$8,688,573.86

BUDGET MONITOR	
ESTIMATED TOTAL PROJECT COST	\$ 62,785,688.19
TOTAL APPROVED BUDGET	\$ 67,000,000.00
PROJECT (OVER-RUN)/UNDER-RUN	\$ 4,214,311.81

Total Current Funding \$ 67,000,000
-------------------------------------

Construction Change Order Monitor					
\$ 196,375.33	0.38%				
\$ 739,311.90	1.43%				
\$ 935,687.23	1.81%				
	\$ 196,375.33 \$ 739,311.90				

Comments - Construction Changes over 5%:



**NWQUAD - Science 1 - Site Improvements and Tunnel** 

Phase 2

Period Ending: March 31, 2021 Project Number: 300050

### **Project Parameters**

Project Architect/Engineer: Payette Associates Inc Notice to Proceed: 07/03/2020 General Contractor/CM: **Dimeo Construction Company Contract Substantial Completion:** 08/05/2022 **UConn Proiect Manager:** Mary Clark Projected Substantial Completion: 08/05/2022 Proiect Phase: Construction Current Phase Budget: \$56,000,000,00 Percent Complete: 36 % Estimated Total Project Cost: \$43,437,452.59

### **Project Description:**

Northwest Quad Science 1 – Site Improvements and Tunnel Phase 2 consist of a series of enabling projects that support the new quad development. They include a Utility Tunnel Extension from the existing Gant tunnel, the direct burial of utilities for connections to the campus loop, storm-water management with a woodland corridor extension from the Gant complex, a new surface parking lot, and improvements to King Hill and Hillside Road. These projects were designed concurrently with the STEM Research Center – Science 1 project.

### **Current Project Status:**

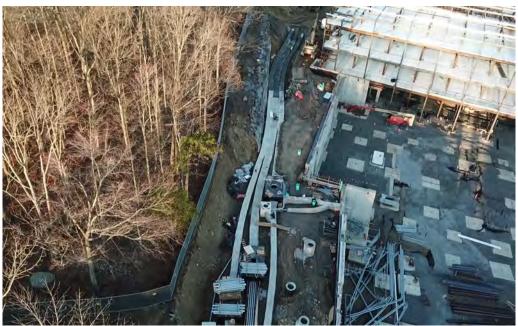
The tunnel is in various phases of construction, it is important to note that all of the excavation is complete and the final section of the mud mat was placed on 3/29/21. The mechanical sub continues to install piping west to east within the new tunnel and has begun loading chilled water piping into the existing tunnel. The installation of the electrical duct-bank along the north side of the tunnel section 1b (in front of the North Garage) will begin the first week of April. The electrical duct-bank placement along the south side of the Science 1 is 80% complete and the work is progressing towards the east side of the building. The section of electrical duct-bank from SW corner of Science 1 up to the existing transform located at the top of Alumni Drive began this week. The installation of the storm and sanitary along the south side of Science 1 is progressing westward, this work is scheduled to be completed by mid-July. The hydro-storm separator installed in King Hill Road in front of the visitor center was completed on 2/19/21. This system ties the main storm lines on the NW Quad into the existing system.

### Project Issues/Risks:

The internal UPDC project delivery team is abiding by the recent University directive for all staff members to work remotely. The reconstruction of the failed SOE was completed on 2/17/2021, a week ahead of schedule.



Tunnel Construction at the intersection Hillside and Alumni



Utility work along the South side of Science 1



 $\ensuremath{\mathsf{NWQUAD}}$  - Science 1 - Site Improvements and Tunnel Phase 2 300050

Project Name: Project Num.: Project Phase: Construction

				Proj	ect Financial S	Summary				
Code	Description	Planned Total Project Budget	Current Phase Budget	Base Commitments	CO/CCD/PCO	Total Committed to Date	Issues/Risks	Estimated Total Project Cost	Variance (CPB-ETPC)	Invoice (Approved/Paid)
01000	Construction	\$40,000,000.00	\$40,000,000.00	\$35,219,685.88	\$754,382.70	\$35,974,068.58	\$435,001.00	\$36,409,069.58	\$3,590,930.42	\$4,793,314.31
02000	Design Services	\$5,000,000.00	\$5,000,000.00	\$512,937.00	\$3,873,893.20	\$4,386,830.20	\$0.00	\$4,386,830.20	\$613,169.80	\$3,471,845.95
03000	Telecom	\$500,000.00	\$500,000.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$500,000.00	\$0.00
04000	Furniture, Fixtures & Equipment	\$100,000.00	\$100,000.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$100,000.00	\$0.00
05000	Internal Costs	\$2,000,000.00	\$2,000,000.00	\$738,676.68	\$1,672,083.36	\$2,410,760.04	\$10,000.00	\$2,420,760.04	-\$420,760.04	\$2,124,385.60
06000	Other A/E Services	\$500,000.00	\$500,000.00	\$207,381.00	\$0.00	\$207,381.00	\$0.00	\$207,381.00	\$292,619.00	\$41,451.25
07000	Art	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
08000	Relocation	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
09000	Environmental	\$500,000.00	\$500,000.00	\$3,000.00	\$0.00	\$3,000.00	\$0.00	\$3,000.00	\$497,000.00	\$3,000.00
10000	Insurance & Legal	\$25,000.00	\$25,000.00	\$10,000.00	\$0.00	\$10,000.00	\$0.00	\$10,000.00	\$15,000.00	\$7,176.00
11000	Miscellaneous	\$5,000.00	\$5,000.00	\$411.77	\$0.00	\$411.77	\$0.00	\$411.77	\$4,588.23	\$411.77
	DIRECT COST SUBTOTAL	\$48,630,000.00	\$48,630,000.00	\$36,692,092.33	\$6,300,359.26	\$42,992,451.59	\$445,001.00	\$43,437,452.59	\$5,192,547.41	\$10,441,584.88
12000	Contingency	\$7,370,000.00	\$7,370,000.00						\$7,370,000.00	
	TOTAL	\$56,000,000.00	\$56,000,000.0	\$36,692,092.33	\$6,300,359.26	\$42,992,451.59	\$445,001.00		\$12,562,547.41	\$10,441,584.88

BUDGET MONITOR	
ESTIMATED TOTAL PROJECT COST	\$ 43,437,452.59
TOTAL APPROVED BUDGET	\$ 56,000,000.00
PROJECT (OVER-RUN)/UNDER-RUN	\$ 12,562,547.41

Total Current Funding	\$ 56,000,000.00
-----------------------	------------------

Construction Change Order Monitor					
\$ 287,599.50	0.82%				
\$ 466,783.20	1.33%				
\$ 754,382.70	2.14%				
_	\$ 287,599.50 \$ 466,783.20				

Comments - Construction Changes over 5%:	



# Quarterly Construction Status Report Period Ending: March 31, 2021

Stamford Abutting Property Remediation Project Number: 300149

### **Project Parameters**

Project Architect/Engineer: Tighe & Bond Inc. Notice to Proceed: 04/30/2019 General Contractor/CM: Standard Demolition Services Inc. Contract Substantial Completion: 09/14/2019 UConn Project Manager: Thomas Haskell Projected Substantial Completion: 09/30/2021 Project Phase: Construction Current Phase Budget: \$2,500,000.00 Percent Complete: 95 % Estimated Total Project Cost: \$1,998,571.50

### **Project Description:**

The former Stamford Parking Garage was a three level steel and concrete structure located on approximately 4 acres at the Stamford Campus. The site is at the intersection of Washington Boulevard and Broad Street, with the Mill River at the west border and 11 occupied residential lots to the north. A report issued in February of 2017 determined that the garage was beyond its useful life and recommended it be demolished at the earliest opportunity. The garage and the site soil tested positive for environmental conditions, and subsequent testing showed that the contaminants had migrated onto a portion of the 11 abutting properties to the north of the Stamford Parking Garage site.

This project is for the remediation, disposal and restoration of those portions of the 11 abutting properties that are effected by the soil contamination.

#### **Current Project Status:**

UConn has received access agreements for 10 of the 11 properties. Remediation at the ten properties is complete. Landscape replacement is substantially complete at all of the properties. Work on the property located at 1310 Washington Boulevard has not started due to a property line dispute. The owner of the properties at 40 and 46 Vernon issued a text directive on August 5, 2019 to stop landscape work. The Owner determined she does not want any trees or shrubbery, and will be paving portions of the property.

The project is currently within budget. Most of the work was conducted on a time and material basis, so final costs are being reconciled. Final completion including repairs and cleaning is unknown at this time.

### Project Issues/Risks:

Access has not been permitted to the property at 1310 Washington Boulevard, preventing work at that property, and a small portion of land at 14 Vernon Place. Recent discussions indicate that a settlement of the dispute may be near. If resolved, remediation of the last abutting property will be coordinated with the Mill River clean-up.



Property Restoration 22 Vernon



38 Vernon



Stamford Abutting Property Remediation 300149

Project Name: Project Num.: Project Phase: Construction

	Project Financial Summary									
Code	Description	Planned Total Project Budget	Current Phase Budget	Base Commitments	CO/CCD/PCO	Total Committed to Date	Issues/Risks	Estimated Total Project Cost	Variance (CPB-ETPC)	Invoice (Approved/Paid)
01000	Construction	\$1,890,000.00	\$2,019,200.00	\$1,843,311.50	\$0.00	\$1,843,311.50	\$0.00	\$1,843,311.50	\$175,888.50	\$1,561,492.45
02000	Design Services	\$210,000.00	\$55,800.00	\$10,040.00	\$3,220.00	\$13,260.00	\$0.00	\$13,260.00	\$42,540.00	\$9,285.00
03000	Telecom	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
04000	Furniture, Fixtures & Equipment	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
05000	Internal Costs	\$100,000.00	\$120,000.00	\$76,650.00	\$52,050.00	\$128,700.00	\$0.00	\$128,700.00	-\$8,700.00	\$53,700.00
06000	Other A/E Services	\$0.00	\$0.00	\$5,800.00	\$0.00	\$5,800.00	\$0.00	\$5,800.00	-\$5,800.00	\$0.00
07000	Art	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
08000	Relocation	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
09000	Environmental	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
10000	Insurance & Legal	\$100,000.00	\$65,000.00	\$7,500.00	\$0.00	\$7,500.00	\$0.00	\$7,500.00	\$57,500.00	\$4,662.00
11000	Miscellaneous	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
	DIRECT COST SUBTOTAL	\$2,300,000.00	\$2,260,000.00	\$1,943,301.50	\$55,270.00	\$1,998,571.50	\$0.00	\$1,998,571.50	\$261,428.50	\$1,629,139.45
12000	Contingency	\$200,000.00	\$240,000.00						\$240,000.00	
	TOTAL	\$2,500,000.00	\$2,500,000.0	\$1,943,301.50	\$55,270.00	\$1,998,571.50	\$0.00		\$501,428.50	\$1,629,139.45

BUDGET MONITOR	
ESTIMATED TOTAL PROJECT COST	\$ 1,998,571.50
TOTAL APPROVED BUDGET	\$ 2,500,000.00
PROJECT (OVER-RUN)/UNDER-RUN	\$ 501,428.50

Total Current Funding	\$ 2,500,000.00
-----------------------	-----------------

Construction Change Order Monitor						
EXECUTED CHANGE ORDERS	\$ 0.00	0.00%				
TOTAL PENDING CHANGE ORDERS	\$ 0.00	0.00%				
TOTAL CONSTRUCTION CHANGES	\$ 0.00	0.00%				

Comments - Construction Changes over 5%:	



**Boiler Plant Equipment Replacement and Utility Tunnel** 

Connection

Period Ending: March 31, 2021 Project Number: 300151

**Project Parameters** 

**BVH Integrated Services PC** Project Architect/Engineer: Notice to Proceed: 07/02/2020 General Contractor/CM: Bond Brothers Inc Contract Substantial Completion: 11/19/2021 UConn Proiect Manager: Webb Grouten, Jr. **Projected Substantial Completion:** 11/19/2021 Proiect Phase: Construction Current Phase Budget: \$40,000,000.00 Percent Complete: 18 % Estimated Total Project Cost: \$36,907,868.28

### **Project Description:**

This project is the combination of 300036 (Boiler Replacement) and 300103 (Tunnel Phase 3) into one project. Existing CUP Boilers B-1, B-2, B-3 are beyond their useful life and will be removed and replaced with three (3) new 100,000 lb./hr. 125 psi steam boilers. The project will include modification of existing structural and architectural building systems as well as modification/replacement of ancillary mechanical and electrical systems required to replace boilers while maintaining service to the campus. Northwest Science Quad Infrastructure Phase 3 includes installation of 125 psi steam and express condensate piping from the eastern end of the Phase 1 tunnel to the existing Heating Plant header and a high capacity power connection to the existing CUP 14G substation.

Project Design, Procurement and Construction have been divided into four distinct packages:

Package 0 includes pre-purchase of (3) factory-fabricated, duel fuel O-Type water-tube boilers for generating 125 psi saturated steam.

Package 1 includes installation of new 125 lb. steam, express condensate and associated ancillary support systems within the existing North Campus Utility Tunnel, Cogen Facility and Heating Plant (Boiler Building); Incidental removal and replacement of existing tunnel utilities to allow installation of new steam/condensate piping; Construction of new exterior pipe chase at the Cogen Facility; Demolition of existing boilers, boiler support utility connections, asbestos abatement, structural demolition and replacement of firing floor structure/slab to support Package #2 boiler replacement project; Temporary utilities to maintain services to existing campus buildings; Repair or replacement landscaping, walkways or paved areas disturbed during the work of the contract.

Package 2 includes installation of two (2) new 100,000 lb/hr water tube boilers within the existing Central Utility Plant and one (1) new 100,000 lb/hr water tube boiler within the new Supplemental Utility Plant; Installation of new condensate storage tank, piping, fans, ductwork, feedwater system, deaerator, economizers, breeching and stacks to support the new boiler equipment; Construction of new exterior overhead door and egress door(s) and selective site work; Temporary utilities to maintain services to existing campus buildings.

Package 3 includes a steam blow for the piping from the CUP to the SUP.

### **Current Project Status:**

Current total project budget is \$40M. We have included steam blow costs for cleaning of the 125-psi pipe between CUP and SUP. This pipe is part of three different projects – 300151, Science 1 and SUP, but will be cleaned and commissioned as part of this project. GMP for Package 0 has been fully executed. Current schedule has Boiler Plant boilers (2) on-site for July 2021. DEEP boiler air permits were received in March. The alternate price for the SUP boiler has been included in executed change order #2. Installation of the SUP boiler is scheduled to begin after substantial completion of the SUP in June 2022.

Package 1 notice to proceed was issued July 2,2020. The temporary boiler used for campus heat this past winter has been shut down and is in the process of being removed from the site. The abatement contractor completed demolition and removal of the three existing boilers. Select structural demolition in the boiler plant continues and should be complete in April. Site work in the area between the Cogen and Engineering buildings is on hold pending weather to complete landscaping and paving. Conduit installation in the CoGen is complete and ready to accept the Science 1 cable installation during the May shutdown. Work continues on tunnel excavation and manhole removal in Auditorium Road in front of Pharmacy. Package 2 GMP is working its way thru the approval process in Unifier. Anticipated NTP is April 2021. Package 3 (steam cleaning of piping from SUP to Boiler plant) notice to proceed was issued in September. Installation of the 20 inch steam pipe continues in the boiler plant and Cogen. Pipe installation in the tunnel is expected to start in April.

With the exception of field oversight staff, the internal UPDC project delivery team is abiding by the University directive for all staff members to work remotely. Work has continued during the COVID-19 pandemic.

### Project Issues/Risks:

Schedule remains critical. Installation of the new boilers in the boiler plant must be operational by December 2021.

CUP team has elected to postpone the turbine generator maintenance that had been planned for May 2021 to May 2022.



Existing steam pipe removal north of UTEB, looking west



Electrical conduits in duct bank north of UTEB, looking west



Project Name: Boiler Plant Equipment Replacement and Utility Tunnel Connection

Project Num.: 300151
Project Phase: Construction

				Proj	ect Financial S	Summary				
Code	Description	Planned Total Project Budget	Current Phase Budget	Base Commitments	CO/CCD/PCO	Total Committed to Date	Issues/Risks	Estimated Total Project Cost	Variance (CPB-ETPC)	Invoice (Approved/Paid)
01000	Construction	\$29,200,000.00	\$29,200,000.00	\$13,829,399.06	\$19,009,517.62	\$32,838,916.68	\$208,487.15	\$33,047,403.83	-\$3,847,403.83	\$3,711,991.64
02000	Design Services	\$2,000,000.00	\$2,000,000.00	\$1,093,325.00	\$1,065,952.55	\$2,159,277.55	\$0.00	\$2,159,277.55	-\$159,277.55	\$1,593,970.45
03000	Telecom	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
04000	Furniture, Fixtures & Equipment	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
05000	Internal Costs	\$2,600,000.00	\$2,600,000.00	\$371,148.64	\$1,303,752.69	\$1,674,901.33	\$0.00	\$1,674,901.33	\$925,098.67	\$326,109.24
06000	Other A/E Services	\$600,000.00	\$600,000.00	\$26,263.00	\$0.00	\$26,263.00	\$0.00	\$26,263.00	\$573,737.00	\$20,246.00
07000	Art	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
08000	Relocation	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
09000	Environmental	\$550,000.00	\$550,000.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$550,000.00	\$0.00
10000	Insurance & Legal	\$50,000.00	\$50,000.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$50,000.00	\$0.00
11000	Miscellaneous	\$0.00	\$0.00	\$22.57	\$0.00	\$22.57	\$0.00	\$22.57	-\$22.57	\$22.57
	DIRECT COST SUBTOTAL	\$35,000,000.00	\$35,000,000.00	\$15,320,158.27	\$21,379,222.86	\$36,699,381.13	\$208,487.15	\$36,907,868.28	-\$1,907,868.28	\$5,652,339.90
12000	Contingency	\$5,000,000.00	\$5,000,000.00		•		•		\$5,000,000.00	
	TOTAL	\$40,000,000.00	\$40,000,000.0	\$15,320,158.27	\$21,379,222.86	\$36,699,381.13	\$208,487.15		\$3,092,131.72	\$5,652,339.90

BUDGET MONITOR						
\$ 36,907,868.28						
\$ 40,000,000.00						
\$ 3,092,131.72						

Total Current Funding	\$ 32,364,000.00

Construction Change Order Monitor						
EXECUTED CHANGE ORDERS	\$ 1,749,796.52	12.65%				
TOTAL PENDING CHANGE ORDERS	\$ 17,260,841.00	124.81%				
TOTAL CONSTRUCTION CHANGES	\$ 19,010,637.52	137.47%				

# Comments - Construction Changes over 5%:

Construction change orders over 5% include the SUP boiler for \$1.5 million which was an alternate in the GMP for Package 0 and has been incorporated into the project via amendment.. This value also includes GMP Package 2, a \$16.7 million value, which is now incorporated into the project via amendment.



Academic & Research Facilities - STEM Research Center

Science 1

Period Ending: March 31, 2021 Project Number: 901802

### **Project Parameters**

Project Architect/Engineer: Payette Associates Inc Notice to Proceed: 06/23/2020 General Contractor/CM: **Dimeo Construction Company Contract Substantial Completion:** 08/05/2022 UConn Proiect Manager: Jose Canarte Projected Substantial Completion: 08/05/2022 Proiect Phase: Construction Current Phase Budget: \$220,000,000,00 Percent Complete: 16 % Estimated Total Project Cost: \$182,012,898.44

### **Project Description:**

Science 1 will be the first STEM facility in the NW Quad Science District. The building program will include state of the art research, office and classroom space for the Institute of Materials and Sciences (IMS) and Materials and Science Engineering (MSE). The building program also includes additional unallocated research lab space. The square footage for the Science 1 facility is anticipated to be about 180,000 GSF. The utilities will be supplied from a separate supplemental utility plant (SUP).

### **Current Project Status:**

Building foundations are complete. Underground Mechanical, Electrical, Plumbing, Structural (MEPS) are being excavated and installed and almost complete moving west to east. Stone is being prepared to receive slab on grade pours as available. Steel installation is on schedule and section one level 1 has been turned over to subcontractors and first slab on deck pour is scheduled for early April.

### Project Issues/Risks:

The internal UPDC project delivery team is abiding by the recent University directive for all staff members to work remotely.

Possible issues with material acquisition due to COVID-19. Most subcontractors trying to lock material down early to prevent any issues with lead time.



1st section of steel facing south



Inside section 1 looking East



Project Name: Academic & Research Facilities - STEM Research Center Science 1

Project Name: Academic & F Project Num.: 901802 Project Phase: Construction

				Proj	ect Financial S	Summary				
Code	Description	Planned Total Project Budget	Current Phase Budget	Base Commitments	CO/CCD/PCO	Total Committed to Date	Issues/Risks	Estimated Total Project Cost	Variance (CPB-ETPC)	Invoice (Approved/Paid)
01000	Construction	\$150,000,000.00	\$150,000,000.00	\$135,301,315.49	\$679,370.39	\$135,980,685.88	\$1,662,382.00	\$137,643,067.88	\$12,356,932.12	\$11,049,205.03
02000	Design Services	\$16,000,000.00	\$16,000,000.00	\$3,642,532.00	\$10,541,434.60	\$14,183,966.60	\$0.00	\$14,183,966.60	\$1,816,033.40	\$11,107,850.93
03000	Telecom	\$3,000,000.00	\$3,000,000.00	\$0.00	\$0.00	\$0.00	\$3,000,000.00	\$3,000,000.00	\$0.00	\$0.00
04000	Furniture, Fixtures & Equipment	\$10,000,000.00	\$10,000,000.00	\$0.00	\$0.00	\$0.00	\$14,000,000.00	\$14,000,000.00	-\$4,000,000.00	\$0.00
05000	Internal Costs	\$12,000,000.00	\$12,000,000.00	\$3,632,766.14	\$6,036,215.59	\$9,668,981.73	\$0.00	\$9,668,981.73	\$2,331,018.27	\$3,144,177.02
06000	Other A/E Services	\$3,000,000.00	\$3,000,000.00	\$501,943.00	\$0.00	\$501,943.00	\$0.00	\$501,943.00	\$2,498,057.00	\$22,003.13
07000	Art	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
08000	Relocation	\$3,000,000.00	\$3,000,000.00	\$0.00	\$0.00	\$0.00	\$3,000,000.00	\$3,000,000.00	\$0.00	\$0.00
09000	Environmental	\$550,000.00	\$550,000.00	\$63,250.00	-\$63,250.00	\$0.00	\$0.00	\$0.00	\$550,000.00	\$0.00
10000	Insurance & Legal	\$75,000.00	\$75,000.00	\$5,882.00	\$4,593.04	\$10,475.04	\$0.00	\$10,475.04	\$64,524.96	\$10,041.04
11000	Miscellaneous	\$165,000.00	\$165,000.00	\$2,371.04	\$2,093.15	\$4,464.19	\$0.00	\$4,464.19	\$160,535.81	\$4,464.19
	DIRECT COST SUBTOTAL	\$197,790,000.00	\$197,790,000.00	\$143,150,059.67	\$17,200,456.77	\$160,350,516.44	\$21,662,382.00	\$182,012,898.44	\$15,777,101.56	\$25,337,741.34
12000	Contingency	\$22,210,000.00	\$22,210,000.00		•				\$22,210,000.00	
	TOTAL	\$220,000,000.00	\$220,000,000.0	\$143,150,059.67	\$17,200,456.77	\$160,350,516.44	\$21,662,382.00		\$37,987,101.56	\$25,337,741.34

BUDGET MONITOR					
ESTIMATED TOTAL PROJECT COST	\$ 182,012,898.44				
TOTAL APPROVED BUDGET	\$ 220,000,000.00				
PROJECT (OVER-RUN)/UNDER-RUN	\$ 37,987,101.56				

Total Current Funding	\$ 143,000,000.00
-----------------------	-------------------

Construction Change Order Monitor						
EXECUTED CHANGE ORDERS	\$ 163,600.00	0.12%				
TOTAL PENDING CHANGE ORDERS	\$ 515,770.39	0.38%				
TOTAL CONSTRUCTION CHANGES	\$ 679,370.39	0.50%				

Comments - Construction Changes over 5%:



# **Quarterly Construction Status Report Period Ending: March 31, 2021**

Gant Building Renovation - STEM
Project Number: 901803

#### **Project Parameters**

Project Architect/Engineer: Goody Clancy & Associates Inc General Contractor/CM: The Whiting-Turner Contracting Contract Substantial Completion: 10/04/2019 03/31/2021

Company

UConn Project Manager:Peter LocarnoProjected Substantial Completion:04/27/2021Project Phase:ConstructionCurrent Phase Budget:\$170,000,000.00Percent Complete:92 %Estimated Total Project Cost:\$157,112,118.67

### **Project Description:**

The University is planning to develop a STEM focused district to be known as the North West Science District of the Storrs Campus adjacent to the new Next Generation Connecticut Residence Hall and the Lodewick Visitor Center bounded by King Hill Road, Alumni Drive, Hillside Road and Hunting Lodge Road. The new and renovated facilities are currently in design and are planned to be occupied in stages from 2019 through 2023.

Part of the North West Science District, the Edward V. Gant Science complex is scheduled for extensive phased renovations that will include its South, West, and North Wings.

The Gant project work has been broken into Phases:

Phase 1 - South Wing and South Plaza of the Gant Complex

Phase 2 - West Wing

Phase 3 - North Tower and Gant Complex

### **Current Project Status:**

Phase 1-1A: South Wing and Plaza of the Gant Complex - Complete

Phase 2: West Wing - in Construction

Levels 4, 3, 2, 1: Contractors are completing finishes on all levels, Finishes include finish painting, flooring and ceilings. Finish work includes installation of finish casework and millwork, trim out of electrical and mechanical systems.

Ground Floor: Flooring, painting and acoustical ceiling installation is ongoing. Millwork and finish work has started. Bathroom finishes are ongoing. The ground floor lecture halls continue to progress. Installation of A/V, seating, flooring and ceilings is ongoing.

Installation of the south east curtain wall is substantially complete. The south west curtain wall frames are in fabrication off site. All glazing and other materials are on site.

Removal of the south east scaffold began on March 23rd and is scheduled to be completed by April 2nd.

The new Reverse Osmosis Water (RO) skid is scheduled to arrive for installation in mid May.

Site work: Mather is scheduled to return to finish the balance of the site work the first week in April. Finish work will include; finish paving on the north end, pavement markings, landscaping.

Punch list review is ongoing; currently reviewing the 4th and 3rd floors. WT has completed Q/C and preliminary punch list of floors 4 - 1.

Final cleaning has been completed on the 4th, 3rd and 2nd floors. 1st floor cleaning is underway. System commissioning continues.

Whiting-Turner's March schedule update #17 will be issued later this month. It is anticipated the schedule will show a substantial completion date of April 27, 2021. The change in completion from the original date of March 31, 2021 is due to material delivery related to COVID-19 issues.

Phase 3: North Tower and Gant Complex - in Design

Construction documents are anticipated to be completed July of 2021.

### Project Issues/Risks:

Area of concern is the affects from the COVID-19 virus for schedule. Critical path for the project continues to be completion of the ground floor labs and completion of the south west curtain wall.





Gant West - Teaching Lab



Gant West - Typical Office



Gant Building Renovation - STEM

Project Name: Project Num.: 901803 Project Phase: Construction

	Project Financial Summary									
Code	Description	Planned Total Project Budget	Current Phase Budget	Base Commitments	CO/CCD/PCO	Total Committed to Date	Issues/Risks	Estimated Total Project Cost	Variance (CPB-ETPC)	Invoice (Approved/Paid)
01000	Construction	\$121,455,176.60	\$121,455,176.60	\$109,238,707.21	\$13,679,994.91	\$122,918,702.12	\$3,667,473.03	\$126,586,175.15	-\$5,130,998.55	\$105,434,014.95
02000	Design Services	\$15,221,744.00	\$15,221,744.00	\$6,660,555.00	\$7,490,636.00	\$14,151,191.00	\$647,495.25	\$14,798,686.25	\$423,057.75	\$12,193,992.46
03000	Telecom	\$1,163,774.01	\$1,163,774.01	\$1,158,442.03	-\$169,273.52	\$989,168.51	\$0.00	\$989,168.51	\$174,605.50	\$622,352.71
04000	Furniture, Fixtures & Equipment	\$4,662,324.68	\$4,662,324.68	\$3,796,543.98	\$139,609.35	\$3,936,153.33	\$55,216.33	\$3,991,369.66	\$670,955.02	\$2,827,473.89
05000	Internal Costs	\$7,482,980.16	\$7,482,980.16	\$4,379,376.36	\$3,110,323.89	\$7,489,700.25	\$300,000.00	\$7,789,700.25	-\$306,720.09	\$7,314,691.65
06000	Other A/E Services	\$313,981.50	\$313,981.50	\$467,276.00	\$306,017.00	\$773,293.00	\$0.00	\$773,293.00	-\$459,311.50	\$643,162.84
07000	Art	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
08000	Relocation	\$990,489.20	\$990,489.20	\$352,384.63	\$186,860.94	\$539,245.57	\$111,897.00	\$651,142.57	\$339,346.63	\$449,864.75
09000	Environmental	\$1,637,595.44	\$1,637,595.44	\$569,052.00	\$821,108.69	\$1,390,160.69	\$0.00	\$1,390,160.69	\$247,434.75	\$1,345,701.77
10000	Insurance & Legal	\$105,000.00	\$105,000.00	\$63,006.00	\$26,779.00	\$89,785.00	\$11,928.00	\$101,713.00	\$3,287.00	\$78,946.00
11000	Miscellaneous	\$39,280.63	\$39,280.63	\$41,102.84	-\$393.25	\$40,709.59	\$0.00	\$40,709.59	-\$1,428.96	\$39,509.59
	DIRECT COST SUBTOTAL	\$153,072,346.22	\$153,072,346.22	\$126,726,446.05	\$25,591,663.01	\$152,318,109.06	\$4,794,009.61	\$157,112,118.67	-\$4,039,772.45	\$130,949,710.61
12000	Contingency	\$16,927,653.78	\$16,927,653.78		·				\$16,927,653.78	
	TOTAL	\$170,000,000.00	\$170,000,000.0	\$126,726,446.05	\$25,591,663.01	\$152,318,109.06	\$4,794,009.61		\$12,887,881.33	\$130,949,710.61

\$ 157,112,118.67
\$ 170,000,000.00
\$ 12,887,881.33

Total Current Funding	\$ 169,827,605.61

EXECUTED CHANGE ORDERS	\$ 9,673,769.25	0.000/
_,	Ψ 5,07 5,7 65.25	8.86%
TOTAL PENDING CHANGE ORDERS	\$ 4,009,182.30	3.67%
TOTAL CONSTRUCTION CHANGES	\$ 13,682,951.55	12.53%

# Comments - Construction Changes over 5%:

Change orders to date on the project are mainly related to ground floor below slab unforeseen conditions that were encountered during construction and lab customization requests from PI's due to changes in their program needs.

Period Ending: March 31, 2021 Gant Building Renovation - STEM



**UCH – Campus Planning Design & Construction** 

# **Quarterly Construction Status Report to the University Board of Trustees and the UCH Board of Directors**

Period Ending: March 31, 2021

Index of Reports - UConn Health Campus

The reports listed below are compiled in this Quarterly Report and provide a summary overview of each project together with progress photographs and the project manager's estimate of the cost to complete the project. Because the reports contain projected costs and also account for budget risks identified by the project manager individual reports may not necessarily exactly correlate with the actual committed or expended costs contained in the financial records of the University.

<u>Project</u>	Project Number
UCH Dermatology Clinic Renovation C-Main	17-037
UCH Main Building Lab Renovations – 3 <sup>rd</sup> floor	19-007
UCH Musculoskeletal Institute Building (MSI) Roof Top Unit Replacement	20-052



UCH - Campus Planning Design & Construction

**Quarterly Construction Status Report** 

**UCH Dermatology Clinic Renovation C - Main** 

Period Ending: March 31, 2021 Project Number: 17-037

**Project Parameters** 

Project Architect: Amenta Emma Notice to Proceed: April 29, 2020

General Contractor: Sararzin Contract Substantial Completion: November 24, 2020

UCHC Project Manager: Kevin Norton Actual Completion Date: February 12, 2021

Percent Complete: 100% Final BOT Budget Amount: \$ 2,600,000 Estimated Cost to Complete: \$ 2,500,000

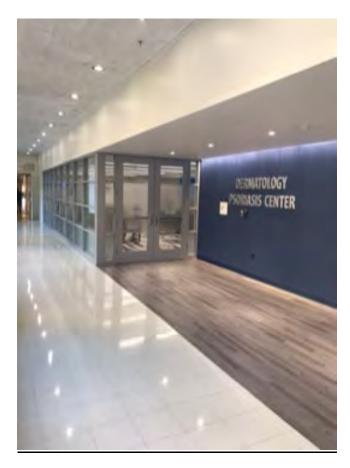
**Project Description:** The UConn Health (UCH) Dermatology Clinic located at 11 South Road in Farmington, CT has grown and requires more space. UCH plans to renovate 7,400 sf of vacant space within the Clinic (C) Building to create a new Psoriasis Center. The center will consist of 12 treatment rooms, 4 procedure rooms, soaking stations and associated support spaces.

Current Project Status: Complete, project closeout.

**Project Schedule:** The start of the project was delayed due to the COVID 19 work stoppage. A no-cost change order is being processed to reflect the revised substantial completion date.

**Project Budget:** The project will be completed under budget.

Project Issues/Risks: None



**Clinic Entrance** 



**Reception/Waiting Area** 



Project: UCH Dermatology Clinic Renovation C-Main

Department : DERMATOLOGY Project Number : 17-037 Phase : 6 CONSTRCT Date : 03/31/21

	Summary Cost Report								
Code	Description	BOT Approved Budget	Committed Cost / Executed Purchase Orders	Executed Change Order / CCD's	Revised Committed Budget	Budget Exposure / Reserve	Estimated Cost To Complete	Variance (BOT Budget - Estimated Cost to Complete)	
01000	Construction	\$1,810,000.00	\$1,550,170.00	\$125,233.00	\$1,675,403.00	\$52,710.00	\$1,728,113.00	\$81,887.00	
02000	Design Services	\$180,000.00	\$154,000.00	\$0.00	\$154,000.00	\$31,200.00	\$185,200.00	(\$5,200.00)	
03000	Telecomm	\$150,000.00	\$203,817.00	\$0.00	\$203,817.00	\$64,597.00	\$268,414.00	(\$118,414.00)	
04000	Furniture, Fixtures & Equipment	\$190,000.00	\$186,042.00	\$0.00	\$186,042.00	\$75,802.00	\$261,844.00	(\$71,844.00)	
05000	Construction Administration	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
06000	Other A/E Services	\$9,000.00	\$13,962.00	\$0.00	\$13,962.00	\$0.00	\$13,962.00	(\$4,962.00)	
07000	Art	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
08000	Relocation	\$15,000.00	\$0.00	\$0.00	\$0.00	\$15,000.00	\$15,000.00	\$0.00	
09000	Environmental	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
10000	Insurance & Legal	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
11000	Miscellaneous	\$6,000.00	\$5,234.00	\$0.00	\$5,234.00	\$3,216.00	\$8,450.00	(\$2,450.00)	
	Direct Cost Subtotal	\$2,360,000.00	\$2,113,225.00	\$125,233.00	\$2,238,458.00	\$242,525.00	\$2,480,983.00	(\$120,983.00)	
12000	Project Contingency	\$240,000.00	\$0.00	\$0.00	\$0.00	\$19,017.00	\$19,017.00	\$220,983.00	
	Current Totals	\$2,600,000.00	\$2,113,225.00	\$125,233.00	\$2,238,458.00	\$261,542.00	\$2,500,000.00	\$100,000.00	

Contingency Monitor	•
Original Budget Contingency	\$240,000.00
Project Contingency Expenditure / Surplus	(\$120,983.00)
Project Contingency Balance	\$119,017.00

Budget Monitor	
Total Estimated Cost to Complete	\$2,500,000.00
Total Original Budget	\$2,600,000.00
Project (Over-Run) / Under Run	(\$100,000.00)

Change Order Monitor	•	% of Const Cost
Executed Change Orders	\$125,233.00	8.08%
Total Pending Change Orders	\$52,710.00	3.40%
Total Construction Changes	\$177,943.00	11.48%

# **Change Order Narrative**

Provide description of Change Orders of 5% or more of the Construction Cost

The renovation initalliy called for the reuse of some existing walls and MEP systems. During construction it was detremined the condition of some these systems warranted replacement (i.e. hot water recirculation piping).



UCH - Campus Planning Design & Construction

**Quarterly Construction Status Report** 

UCH Main Building Lab Renovations- 3rd floor

Period Ending: March 31, 2021 Project Number: 19-007

**Project Parameters** 

Project Architect: Stantec Notice to Proceed: May 4, 2020

General Contractor: O&G Contract Substantial Completion: December 30, 2020

UCHC Project Manager:Richard AllenEstimated Completion Date:May 21, 2021Percent Complete:90%Final BOT Budget Amount:\$ 7,800,000

Estimated Cost to Complete: \$7,800,000

**Project Description:** Under Bioscience Connecticut, two projects were implemented to renovate the laboratory space located in the Main Building Lab (L) Area per the concepts developed under the 2009 Main Building Renovation Master Plan. The two projects renovated approximately 200,000 SF of the 280,000 SF in the Lab Area, leaving a portion of floors 1, 2, and 3 un-renovated. This project will renovate a section of the 3rd floor to create open and flexible, state of the art wet lab research space similar to the work done on other floors under the Bioscience CT projects.

**Current Project Status:** The project is in the final stages of completion. The design team is scheduling punch list reviews and functional testing by the commissioning agent is being scheduled. Office furniture is scheduled for delivery on 4/26/21. Final inspections by the building inspector for mechanical, electrical and plumbing systems are in progress.

**Project Schedule:** The project is on track for a substantial completion in May. Much of the delay is due to fabrication issues with the exterior windows which impacted other sequential tasks.

Project Budget: The project is tracking under budget.

Project Issues/Risks: None at this time.



Main Lab Space



Main Corridor ready for marker glass installation



Project: UCH Main Building Lab Renovations - 3rd Floor

Department: School of Medicine Project Number: 19-007 Phase: 6 CONSTRCT Date 3/31/2021

	Summary Cost Report								
Code	Description	BOT Approved Budget	Committed Cost / Executed Purchase Orders	Executed Change Order / CCD's	Revised Committed Budget	Budget Exposure / Reserve	Estimated Cost To Complete	Variance (BOT Budget - Estimated Cost to Complete)	
01000	Construction	\$5,750,000.00	\$5,075,502.00	\$336,470.00	\$5,411,972.00	\$297,678.00	\$5,709,650.00	\$40,350.00	
02000	Design Services	\$665,000.00	\$635,273.00	\$1,500.00	\$636,773.00	\$0.00	\$636,773.00	\$28,227.00	
03000	Telecomm	\$150,000.00	\$99,088.00	\$0.00	\$99,088.00	\$36,512.00	\$135,600.00	\$14,400.00	
04000	Furniture, Fixtures & Equipment	\$115,000.00	\$77,308.00	\$0.00	\$77,308.00	\$46,262.00	\$123,570.00	(\$8,570.00)	
05000	Construction Administration	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
06000	Other A/E Services	\$75,000.00	\$27,272.00	\$0.00	\$27,272.00	\$12,728.00	\$40,000.00	\$35,000.00	
07000	Art	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
08000	Relocation	\$110,000.00	\$0.00	\$0.00	\$0.00	\$15,000.00	\$15,000.00	\$95,000.00	
09000	Environmental	\$65,000.00	\$23,600.00	\$0.00	\$23,600.00	\$0.00	\$23,600.00	\$41,400.00	
10000	Insurance & Legal	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
11000	Miscellaneous	\$50,000.00	\$0.00	\$0.00	\$0.00	\$2,000.00	\$2,000.00	\$48,000.00	
	Direct Cost Subtotal	\$6,980,000.00	\$5,938,043.00	\$337,970.00	\$6,276,013.00	\$410,180.00	\$6,686,193.00	\$293,807.00	
12000	Project Contingency	\$820,000.00	\$0.00	\$0.00	\$0.00	\$1,113,807.00	\$1,113,807.00	(\$293,807.00)	
	Current Totals	\$7,800,000.00	\$5,938,043.00	\$337,970.00	\$6,276,013.00	\$1,523,987.00	\$7,800,000.00	\$0.00	

Contingency Monitor	
Original Budget Contingency	\$820,000.00
Project Contingency Expenditure / Surplus	\$293,807.00
Project Contingency Balance	\$1,113,807.00

Budget Monitor	
Total Estimated Cost to Complete	\$7,800,000.00
Total Original Budget	\$7,800,000.00
Project (Over-Run) / Under Run	\$0.00

Change Order Monitor		% of Const Cost
Executed Change Orders	\$336,470.00	6.63%
Total Pending Change Orders	\$297,678.00	5.86%
Total Construction Changes	\$634,148.00	12.49%

### **Change Order Narrative**

Provide description of Change Orders of 5% or more of the Construction Cost

Change Orders associated with additional Lab renovations required due to shift in the phasing boundary; unforeseen conditions exposed during work within the existing and new shaft areas; and for additonal asbestos abatement associated with the removal of an Air Handler Unit. A PCO for additonal General Conditions associated with a schedule extension due to the delays in receiving window materials is being negotiated



UCH – Campus Planning Design & Construction

Quarterly Construction Status Report Musculoskeletal Institute Building (MSI) Roof Top Unit Replacement

Period Ending: March 31, 2021 Project Number: 20-052

**Project Parameters** 

Project Architect: AKF Engineers

Performance Plumbing &

General Contractor: Heating

UCHC Project Manager: Janice Hill

Percent Complete: 0%

Notice to Proceed:

Contract Substantial Completion: July 18, 2021
Estimated Completion Date: July 18, 2021
Final BOT Budget Amount: \$1,679,000
Estimated Cost to Complete: \$1,762,544

**Project Description:** In October 2020, UConn Health (UCH) was notified of a competitive incentive program from Eversource to replace old/end of life, energy inefficient, roof top units (RTUs) with new energy efficient models. Eversource customers were invited to submit proposals that would be evaluated based upon anticipated energy efficiency improvements, energy savings, and proposed percentage of funding requested. UCH's proposal to replace the 3 RTUs serving the MSI building was accepted by Eversource. UCH will receive funding from Eversource to cover 50% of the actual cost associated with the work, contingent upon the project being completed by July 18, 2021. In order to meet the Eversource imposed completion deadline, UCH will pre-purchase the roof top units (RTUs) directly from the vendor, Seasons 4, and utilize an expedited design/bid process for the installation of the RTUs.

*Current Project Status:* AIA contracts are in progress with the installation vendor, Performance Plumbing and Heating. A Notice to Proceed is expected to be issued on April 26, 2021. The RTUs are in fabrication and are on schedule to arrive at the riggers yard the week of June 18, 2021.

**Project Schedule:** The project is on schedule.

**Project Budget:** Due to installation bids coming in higher than estimated, a budget increase of \$83,500, or just under 5% of the original approved budget, has been requested.

Project Issues/Risks: No issues/risks at this time.





Project: UCH Musculoskeletal Institute Building (MSI) Roof Top Unit Replacement

Department : Facilities Project Number : '20-052 Phase : 6 CONSTRCT Date 3/31/2021

	Summary Cost Report							
Code	Description	BOT Approved Budget	Committed Cost / Executed Purchase Orders	Executed Change Order / CCD's	Revised Committed Budget	Budget Exposure / Reserve	Estimated Cost To Complete	Variance (BOT Budget - Estimated Cost to Complete)
01000	Construction	\$1,482,000.00	\$1,273,395.00	\$0.00	\$1,273,395.00	\$403,680.00	\$1,677,075.00	(\$195,075.00)
02000	Design Services	\$38,000.00	\$30,000.00	\$0.00	\$38,000.00	\$22,540.00	\$60,540.00	(\$22,540.00)
03000	Telecomm	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
04000	Furniture, Fixtures & Equipment	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
05000	Construction Administration	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
06000	Other A/E Services	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
07000	Art	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
08000	Relocation	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
09000	Environmental	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
10000	Insurance & Legal	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
11000	Miscellaneous	\$6,000.00	\$0.00	\$0.00	\$0.00	\$6,000.00	\$6,000.00	\$0.00
	Direct Cost Subtotal	\$1,526,000.00	\$1,303,395.00	\$0.00	\$1,311,395.00	\$432,220.00	\$1,743,615.00	(\$217,615.00)
12000	Project Contingency	\$153,000.00	\$0.00	\$0.00	\$0.00	\$18,929.00	\$18,929.00	\$134,071.00
	Current Totals	\$1,679,000.00	\$1,303,395.00	\$0.00	\$1,311,395.00	\$451,149.00	\$1,762,544.00	(\$83,544.00)

Contingency Monitor	
Original Budget Contingency	\$153,000.00
Project Contingency Expenditure / Surplus	(\$217,615.00)
Project Contingency Balance	(\$64,615.00)

Budget Monitor	
Total Estimated Cost to Complete	\$1,762,544.00
Total Original Budget	\$1,679,000.00
Project (Over-Run) / Under Run	\$83,544.00

Change Order Monitor		% of Const Cost
Executed Change Orders	\$0.00	0.00%
Total Pending Change Orders	\$12,980.00	1.02%
Total Construction Changes	\$12,980.00	1.02%

Change Order Narrative
Provide description of Change Orders of 5% or more of the Construction Cost