

## **CAPITAL PROJECTS IN PROGRESS AND IN THE PLANNING & DESIGN PHASE 3/23/22**

### **CAPITAL PROJECTS IN CONSTRUCTION AND IN DESIGN**

Unanticipated nation-wide material delivery delays due to the COVID 19 pandemic, and several unexpected change orders required due to field conditions, have pushed the original completion dates forward for the T4 Roof Replacement project and for the T7 HVAC Replacement projects.

#### **T4 Roof Replacement: \$4.8M**

The new metal deck panels were delivered on December 29, 2021 and a new fence was installed around the perimeter of Parking Lot P11 (west of T4) on January 03, 2022 to house the metal deck panels and to provide a larger staging area for the Contractor.

The last round of asbestos abatement on the roof will be completed on Saturday, March 19, 2022, paving the way for the replacement deck and new roof to be installed.

In order to minimize noise and disruption to the classes in T4, the entire second floor has been taken off-line for the duration of the construction work. The NYC Department of Buildings is presently reviewing the Contractor's work plan to determine if it will be necessary to partially vacate areas of the 1<sup>st</sup> floor of the building as the work progresses.

The target project completion date is now June 1<sup>st</sup>, 2022.

#### **T7 HVAC Replacement: \$4.7M**

Installation of the new steel dunnage and of the 5 new rooftop air handlers is now completed. All ductwork throughout the building has been thoroughly cleaned via a Change Order. The new air handlers have been upgraded and will now accommodate MERV -14 air filters.

The manufacturer of the new air handling units, TRANE, is scheduling a site inspection of the installation in order to authorize starting up the units in the next couple of weeks. The gas connections for space heating have yet to be made as National Grid assesses the available gas pressure on site. A new gas meter has been installed, but is not yet connected, pending confirmation of acceptable gas pressure by National Grid.

T7 remains completely off-line until this HVAC project is completed. The target completion date is now June 1, 2022.

The original T7 roof, nearly 50 years old, will be replaced under a separate project (now in design) to correct ponding, poor drainage issues and future roof leaks. The Consultant's 90% design submission has been reviewed by DASNY, CUNY and KCC, and recommendations were issued to the Consultant. Their 100% design contract documents are in progress.

#### **Marina Reconstruction: \$13M**

The public bidding process was anticipated to start in late October, 2021. This phase of the project is now delayed, pending filing approval from NYC/DEP. Construction was scheduled to commence in July, 2022, but NYC/DEP's approvals process will undoubtedly push that date forward.

A new Travel Lift will be provided to accommodate the "CUNY 1" boat. A new wave attenuator will reduce stress on the connections. The new design features finger piers parallel to the sea wall, which will increase the chances of the new marina surviving the next Super-Storm Sandy. The anticipated target project completion date is September, 2023.

### Library Windows/Skylights and Building Envelope: \$10M

The Consultant's 90% design documents have been reviewed by DASNY, CUNY and KCC. The Consultant is now working to complete their 100% contract documents, which will be used to solicit public bids this summer.

All exterior wall glazing will be replaced and much needed exterior envelope defects will be cured.

### Performing Arts Center Renovation: \$12M

The original Design Consultant on the project has retired and has dissolved his firm. CUNY has identified a new Design Consultant which will continue work on this project from where the previous Consultant left off (approaching 90% design drawings and specifications). A new project timeline will be developed once the new Consultant is on board.

Until funding for design services is released by NYC/OMB, CUNY will not be able to enter into a design contract with the new Consultant. CUNY will be submitting their petition for a Certificate to Proceed (CP) Request on June 22, 2022. Once approved by NYC/OMB, a Design Kick-Off meeting will be schedule and a new project timeline will be developed.

The scope of work includes the creation of ADA compliant restrooms, improvements to the building's HVAC system, acoustics, theatre house and stage lighting, and audio systems.

All of the house seats will be replaced and new carpeting will be provided.

### Pool Restoration: \$5M

This project will correct the damage caused by decades of leaks in the pool deck, walls, floor and gutters. It will also address deficiencies in the pool's lights and underwater viewing windows (used to assess the swimming technique of students). The scope of work will include demolishing the existing pool deck, installing a new waterproof membrane and a new tile deck surface. All structural damage will be repaired. Damaged light fixtures will be replaced. Its antiquated filtration systems will be replaced and brought up to Code.

This project is presently in the design phase. The 60% design submission arrived on January 05, 2022. DASNY, CUNY and KCC have returned comments to the Consultant, who is now working to prepare 90% contract documents for review.

### Off-Shore Training Tower for Maritime Technology: \$2.5M

This is a new project under the jurisdiction of the Maritime Technology Department which will provide funding for the design and construction of 2 Crew Transfer Vessel (CTV) Simulation Labs and a Global Wind Organization (GWO) certified climbing tower.

This project will provide the KCC Maritime Technology program with the necessary CTV labs and GWO certified climbing structure to become the first and only GWO certified training facility within NYC, continuing the College's mission of providing hands on technical training in the maritime trades.

GWO certified training is an internationally recognized standard required by many Offshore Wind (OSW) Industry companies. The OSW industry is a growth field creating new clean energy job opportunities within NYC and NYS.

The climbing tower will allow for GWO Basic Safety Training (BST) working at heights with manual handling module.

The labs will provide students with the virtual simulation of CTVs with a full mission bridge simulator that allows for the realistic transfer of control between the main bridge and bridge wing as well as the realistic docking and undocking of vessels. The benefits of utilizing simulators in crew training for operations in the OSW industry include being a cost-efficient alternative compared with training at sea. Students can practice crisis management in a safe environment and instructors can assess, screen and close any competency gaps. This technology can provide a realistic simulation that allows for pre-mission planning, technical and operational skills training of both routine and non-routine scenarios.

A funding request for the design phase of the project in the amount of \$243K is being prepared by CUNY for submission to NYC/OMB. CUNY anticipates that this funding will become available in September, 2022.

### **Other Major KCC Projects**

#### **Student Union & Intercultural Center (SUIC) - Phase 1: \$1M**

Work will soon begin on the complete renovation of the Information Booth at the entrance of the P building, and continue down the main concourse corridor towards the U building with the installation of ceiling mounted banners with the word "WELCOME" in all the languages represented by our student population, a new "Donor Wall", new display cases, new column treatment and new exterior furniture for the terraces off of the second floor Student Lounge (U200).

The first project components being bid/awarded are: automatic doors off of the U Building Concourse to U112 (Faculty/Staff Dining Room and Multi-Purpose Room), new display cases at the P/U Building Concourse and charging stations at the main student cafeteria (U123). Purchase Requisitions are being processed for these.

Funding for this project was provided by NYS Senator Persaud and NYS Assembly Member Cymbrowitz.

#### **Replacement of Library Interior Finishes: \$900K**

Original flooring will be replaced, interior wall and ceiling treatments will be revamped, existing lighting improvements will be made and new furniture will be purchased with funding provided by the former Brooklyn Borough President, and now NYC Mayor Eric Adams.

#### **Holocaust Center Improvements: \$300K**

Additional floor area will be provided to expand the existing Holocaust Center (Library - 2<sup>nd</sup> floor) to accommodate new amenities and technology improvements with funding provided by NYS Assembly Member Cymbrowitz.

#### **Replacement of Student Lockers: \$200K**

The rusted and dilapidated student lockers on the first floor of the G building will be replaced with funding provided by NYS Senator Persaud.

#### **New Exterior Basketball Court (Near East Tennis Courts): \$400K**

Drawings and cost estimates have been developed to create a new exterior basketball court. We are pursuing funding from our local elected officials to make this project a reality.

### New Running Track (Near Baseball Field)

A feasibility study is in progress to determine if a new running track may be created near the baseball field.

### Lighthouse Rotunda Renovation

We are pursuing funding from our local elected officials for a major renovation of the Lighthouse Rotunda which will include new LED lighting, new flooring and wall finishes, motorized sun control devices and new audio/visual upgrades.

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