



October 15, 2009

To: Stony Brook Campus Community

From: Barbara Chernow, Vice President for Facilities & Services

I would like to provide you with a report that details many of the Stony Brook University Facilities & Services projects which have recently been completed or which have started this year. These projects improve our campuses by: designing and constructing new buildings; rehabilitating spaces inside and around buildings; repairing our aging infrastructure; making our campuses safer; and continuing our efforts to save energy, reduce pollution and minimize our impact on the natural environment.

New Construction Projects

Our campuses continue to be the sites of new construction both within existing structures and of entirely new buildings. These projects include academic, residential and recreational facilities. All of our new buildings will seek LEED silver rating or better.

- Programming for a new 55,000 square foot Computer Science Building has begun. Design is scheduled to be completed by Spring 2011. The building will be located next to our existing Computer Science building, north of Roth Pond.
- Design for our new Recreation Center has been completed. This three-story building will house a three-court gymnasium, a multipurpose indoor arena, free weights, cardio machines, dance aerobics studio and offices for campus recreation staff. This building will be located between the Pritchard Gym and the Student Union. Construction is expected to start this winter.
- Construction of the Simons Center for Geometry and Physics started this spring. The Center will be a six-story, 40,000 square foot building, housing a 236 seat auditorium, 90 seat lecture hall and seminar rooms.
- Construction continues on a new 600 bed residence hall at Roosevelt/Kelly quad. The facility is expected to open for full occupancy next fall.
- Construction of a new Bioengineering building is substantially complete. This building, adjacent to Life Sciences, is a three-level plus penthouse reinforced concrete structure consisting of lab space, clean rooms, tissue culture and microscopy areas, as well as office space for faculty and graduate students. The Center for Advanced Technology (CAT) lab will be housed in this building.
- The University hotel project on the main campus has been approved. The hotel will be a five-story brick building with 135 guest rooms, 5,000 square foot conference space, restaurant, indoor pool and sundry shop built by Stony Brook Harbor Construction. It will be situated on the 11 acre parcel between Nicolls Road and the Administration Garage. The entrance to the hotel will be from Circle Road. Areas surrounding the hotel will be landscaped and will include buffers along Nicolls Road and Entrance Drive.

Building and Building Systems

Many of our buildings and building systems are undergoing much-needed repair.

- The Chemistry Building is undergoing a \$22 million renovation which includes upgrades to mechanical systems as well as adding new undergraduate labs, a new lobby, refurbished elevators and the relocation of the chemistry library. The second floor renovations have been completed and the entire project is expected to be completed by Spring 2011.
- Design continues on the renovation of the Old Chemistry building. This project will transform the building into a new state-of-the-art classroom facility including three 250 seat lecture halls. Construction is expected to begin next fall.
- Roof replacements have begun on the Sports Complex, Pritchard Gym, Infirmary and Basic Science Tower.
- Replacement of major electrical transmission feeders on campus is under design with the first replacements scheduled for a construction start this spring.
- Work has been completed on both the Life Science building masonry and plaza. Design has been completed to add emergency power systems. This project is expected to start construction in the next few months. The roof replacement will be complete by the end of the year.
- Six classrooms were created in the Library in time for the fall semester. Upgrades to the fire alarm system have begun and corridors will be renovated with new lighting and ceilings. The multiple elevator repair project is expected to be completed by December.
- A new electrical substation is under construction on West Campus. The new substation will meet the future needs of the campus and Hospital as we expand. The substation is expected to be operational this spring.
- Design for the new cooling tower on East Campus was completed and construction began this summer. This cooling tower will serve both the Hospital and Health Sciences Center and is expected to be completed by the end of 2010.
- Phase 1 of the replacement of all direct buried High Temperature Hot Water piping is expected to be completed by May 2010. Phase 1 includes all West Campus residence halls and apartments as well as main feeder lines from the West Campus power plant. Phase 2 has recently begun and includes replacement of the remaining feeders on West Campus, all lines on East Campus and lines to Chapin Apartments. Completion is expected August 2011.
- Design has begun for a new food service building addition to Kelly as well as the renovation of Kelly cafeteria.

Campus Plazas, Roadways and Bike Paths

The renovation of two campus plazas has been completed and design for the renovation of two more plazas has begun. Roadway repairs and improvements continue.

- Design has started on the Math/Physics plaza as well as on areas around ESS. These two projects will remove failing concrete and asphalt and replace them with more sustainable products.
- Design for a complete reworking of Toll Drive has begun, with conceptual plans recently completed. Construction could begin as early as summer 2011.
- The repair and resurfacing of Circle Road has been completed.
- Restoration of our campus bike path, including drainage repairs, resurfacing and restriping, has been completed.

Stony Brook Southampton

Capital improvements have been completed in Fine Arts, Student Center, Technology Center, Marine Science station, Chancellors Hall, Natural Sciences, University Police, Atlantic Hall, Avram Theater, greenhouse and gym. Infrastructure improvements around the campus have been completed.

- Six residential facilities have been renovated since Stony Brook acquired the campus and renovation of two additional residential buildings has begun. The construction of a new library was completed ahead of schedule.
- Design for a new Marine Science Center at Southampton will begin this fall. This new Center will be approximately 10,000 square feet and will house Marine Science programs at Southampton.
- Design for a 10,000 square foot addition to the Student Center at Southampton will begin this fall.

Transportation & Parking Operations

Transportation and parking improvement projects have focused on safety and efficiency.

- Structural and cosmetic upgrades were completed in all three parking garages. These improvements included repairs to the garage decks, new directional and stairwell signage and new lighting.
- New lighting and resurfacing of the Administration overflow parking lot, across from Campus Residences, and the creation of additional parking spaces in South P lot have been completed.
- The University bus fleet has undergone an extensive makeover in an effort to increase service reliability, safety and minimize our impact on the environment. As of Fall 2009, all of our buses run on B5 BioDiesel. BioDiesel is a renewable resource and produces significantly lower emissions.
- The first alternative fuel bus, powered by vegetable oil previously used in our dining halls, has joined our fleet. This bus was named “The Kernel” by SBU student Nicole Hadley, winner of the “Name This Bus” contest held during Earthstock 2009.
- Bus routes have been enhanced in order to better serve certain areas of campus. Improvements include adjusted schedules to the Outer Loop to better meet the LIRR trains, increased frequency on the Express Bus route and adjusted service to and from Stony Brook Southampton to better meet student schedules.

Research & Development Park

Our first new building incorporating sustainable design and construction practices has been completed. Design is finished and construction has begun on our second building and the final phase of renovations to an existing building will be complete by December.

- Construction of the Center of Excellence in Wireless and Information Technology (CEWIT) was completed on schedule at the end of 2008. CEWIT has state-of-the-art laboratories for research in wireless and IT technologies, flexible incubator space, substantial computing support space and offices dedicated to faculty and graduate students.
- Construction on the Advanced Energy Research and Technology Center (AERTC) continues. Scheduled to open in Fall 2010, AERTC will be a Platinum rated LEED building.
- The Procurement Office has moved into the renovated 43,000 square foot building in the Research & Development Park. Facilities Design & Construction, Center for Corporate Education & Training, Small Business Development Center and Rehabilitation Research & Movement Performance Lab will be moved into that building by December.

Stony Brook Manhattan

Stony Brook Manhattan has expanded to accommodate the demand for larger classroom, seminar, and conference space. This new space adds six classrooms, offices, a computer lab, and a gallery and reception hall. This new location can accommodate gatherings of up to 150 people, while the original site continues to host smaller events and classes.

University Police and Office of Emergency Management

The Office of Emergency Management has been expanded in order to better protect the campus community.

- The Office’s SB Alert system transmits emergency warnings and critical information. There are over 24,000 users signed up to receive text, voice and e-mail messages and participation in this program is continuing to grow. All members of the campus community should visit www.stonybrook.edu/sb/emergency/alerts.shtml to register or update their user information.
- University Police and Emergency Management have created a Facebook page and a Twitter page that can be followed at: www.facebook.com/pages/Stony-Brook-NY/79109641477 and <http://twitter.com/sbuem> respectively.

Working Toward Sustainable, Energy Efficient Campuses

The University continues to implement energy conservation projects and fund these projects through savings on utility bills. These conservation measures have enabled us to make our building systems more energy efficient and have already begun to reduce Stony Brook University's expenses for energy, water, operations and maintenance.

- Energy conservation projects currently save the University over \$6 million each year. These projects have cut our annual electricity usage by more than 22,000,000 kWh and our annual water consumption by 42,000,000 gallons. Replacement of our underground High Temperature Hot Water lines will reduce our usage of steam by approximately 10% on West Campus. We are also making plans to replace the West Campus Heating and Cooling Plant with a state-of-the-art, more efficient plant.
- Recycling programs continue to expand at the University. A new food waste composting system is now operational at Roth cafeteria. This unit utilizes aerobic decomposition to process food service waste while avoiding odor and pest problems. Stony Brook was the first campus in New York State and the first location on Long Island to introduce this type of composter. The compost is being used to benefit campus landscaping at both the main and Southampton campuses.

It is a pleasure to highlight some of the projects Facilities & Services staff have been working on at Stony Brook. To make these projects possible, we are utilizing funds from various sources, including SUNY Capital Budget, Stony Brook Foundation donations, Presidential funds, grants and special appropriations from the State Legislature. We are also keenly aware that these accomplishments, as well as the continued success of our many ongoing projects, rely on the ideas of and feedback from Stony Brook faculty, staff, students and alumni. Our mission includes keeping you informed about these projects, and our goal is to respond to your concerns.

Details for many of the projects mentioned can be found at our website: www.stonybrook.edu/facilities
Problems may be reported at: www.stonybrook.edu/fixit