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University of South Carolina
BOARD OF TRUSTEES

Buildings and Grounds Committee

November 18, 2016

The Buildings and Grounds Committee of the University of South Carolina Board of Trustees met at 9:45 a.m. on November 18, 2016, in the Alumni Center's C. Edward Floyd Boardroom.

Members present were: Mr. William C. Hubbard, Chairman; Mr. Mark W. Buyck Jr.; Dr. C. Edward Floyd; Mr. Toney J. Lister; Mr. Miles Loadholt; Ms. Leah B. Moody; Mr. Thad Westbrook; Mr. John C. von Lehe Jr., Board Chairman. Mr. Chuck Allen was absent.

Other Trustees present were: Mr. Thomas C. Cofield; Mr. A. C. "Bubba" Fennell; Mr. William W. Jones Jr., Mr. Hubert F. Mobley; Mr. Tommy D. Preston Jr.; Dr. C. Dorn Smith III; Mr. Eugene P. Warr Jr.; Mr. Mack I. Whittle Jr.; and Mr. Charles H. Williams.

Chairman of the Faculty Senate August E. "Augie" Grant and Student Government President Michael Parks were present.

Others present were: President Harris Pastides; Secretary Amy E. Stone; General Counsel Walter "Terry" H. Parham; Provost Joan T. A. Gabel; Chief Operating Officer Edward L. Walton; Chief Financial Officer Leslie Brunelli; Vice President for Student Affairs Dennis A. Pruitt; Vice President for Human Resources Chris Byrd; Vice President for Development Jancy Houck; Vice President for Facilities and Transportation Derrick Huggins; Chief Communications Officer Wes Hickman; Athletics Director Ray Tanner; USC Aiken Chancellor Sandra Jordan; USC Beaufort Chancellor Al Panu; Palmetto College Chancellor Susan Elkins; USC Upstate Interim Chancellor Mary Anne Fitzpatrick; Associate Vice President for Business Affairs Helen T. Zeigler; Associate Vice President for Administration and Finance and Medical Business Affairs Jeffrey L. Perkins III; Associate Vice President for Student Affairs and Academic Support, USC Columbia, Jerry Brewer; Executive Dean USC School of Medicine and CEO of Palmetto Health-USC Medical Group Leslie W. Hall; University Treasurer Pat Lardner; Executive Director of Audit & Advisory Services Pam Doran; Director of Facilities Planning and Programming and University Architect Derek S. Gruner; Director of Capital Budgets and Financing, Division of Administration and Finance, Charlie Fitzsimons; Assistant Director, Facilities Design and Construction, Thomas Opal; Chief

of Staff, President's Office, J. Cantey Heath Jr.; Director of Governmental and Community Relations and Legislative Liaison Shirley D. Mills; USC Aiken Executive Vice Chancellor for Academic Affairs Jeff Priest; USC Aiken Executive Vice Chancellor for Administration and Finance Joe Sobieralski; Social Media Manager, Department of Student Life, Sydney Patterson; Columbia Student Government Treasurer Stinson Rogers; The Boudreaux Group President Heather Mitchell; University Technology Services Production Manager Matt Warthen; and Board staff members Terri Saxon and Ina Wilson.

I. Call to Order

Chairman Hubbard called the meeting to order and welcomed everyone. Mr. Hickman introduced Avery Wilks with *The State*; Chris Trainer with the *Free Times*; and Ella Bock with *The Daily Gamecock*.

Chairman Hubbard stated that notice of the meeting had been posted and the press notified as required by the Freedom of Information Act; the agenda and supporting materials had been provided to the committee; and a quorum was present to conduct business.

Chairman Hubbard stated that there were proposed contractual matters related to gift and other naming opportunities that were appropriate for discussion in Executive Session. Dr. Floyd moved to enter Executive Session and Mr. Westbrook seconded the motion. The vote was taken and the motion carried.

The following persons were invited to remain: Trustees, Dr. Pastides, Secretary Stone, the faculty and student representatives to the Board, members of the President's Executive Council, Mr. Gruner, and Ms. Doran.

Executive Session

Return to Open Session

II. Planning Update

Chairman Hubbard called on Mr. Gruner, who provided a construction update on the following two projects.

Law Center – The carpet, decorative ceilings, wall finishes and cabinetry were being installed in the court room. The courtyard exterior masonry, terra cotta panels and glazing system were complete. The site masonry was underway and the concrete entry plaza was poured. This project remained within budget and on schedule for substantial completion in February 2017.

Student Health Center – The interior framing was progressing on upper levels and the roof. The exterior sheathing, roof installation, and the fire-proofing and mechanical/plumbing rough-in was well underway. The project was on schedule for completion by July 31, 2017.

Mr. Gruner provided a brief update on recent Sasaki studies. The Instructional Lab Analysis and Classroom/Laboratory Redevelopment Feasibility Study was completed and presented to the Board in the Fall of 2015. Also, Sasaki completed a Code of Ordinances Review and Strategy Study to identify how the University's Master Plan coordinates with the City of Columbia's zoning ordinances. The South Main Street Area Plan and the Bull Street School of Medicine site planning studies were on-going.

Mr. Gruner said that a comprehensive update of the University's 2010 Master Plan was underway by Sasaki. The update will include an implementation report on what had been accomplished since 2010; implications of enrollment growth on space needs; priorities for the next 10 years; new planning initiatives; and the national trends in Higher Education that have application at USC. When asked, Mr. Gruner responded that he did not expect the report to be ready until Summer 2017.

Mr. Gruner showed two conceptual plans for 16 acres of Bull Street property to be gifted to the University. The property, located off Harden Street and Colonial Drive, would be the site of the new School of Medicine and health sciences campus. Gruner said that the heart of the decision before the Board was whether Scheme A with 16 contiguous acres, or Scheme B with two non-contiguous 10- and 6-acre tracts was best for the University. Mr. Gruner responded to questions about the specifics of each schematic.

Mr. Gruner called on Dean Hall for comments. Dean Hall said he was excited about the potential for a health sciences campus for collaboration of University educational and research efforts; and he thought the 16 contiguous acres (scheme A) plan would best accomplish this objective.

In conclusion, Mr. Gruner said that Scheme A was a superior plan based on flexibility, protection from adjacent uses and long-term functional objectives. Trustees Fennell, Floyd, and Williams asked to go on record in support of scheme A.

III. Project Approvals

Chairman Hubbard called on Secretary Stone to read the following statement: "The University hereby declares its official intent, pursuant to federal regulations, to reimburse itself from the amount of proceeds of the tax-exempt bond issue." She said that the statement would be inserted into the record where appropriate.

Chairman Hubbard called on Mr. Gruner to present projects for approval.

A. Phase I Approval

– SCANA and Campbell Property Preliminary Land Acquisition Project

This project contemplates the acquisition of approximately 15.4 acres of property. SCANA owns 14.63 acres of this total, and approximately .75 of an acre is owned by Campbell's Wrecker Service. The majority of the acreage is bounded by Assembly Street, Flora Street, a railroad right-of-way, and private property to the south. Other small SCANA parcels are located to the northeast near the intersection of Flora Street and South Evans Street. The properties are west of the Athletics Village; however, a sliver of privately owned property and two railroad tracks separate the majority of the properties from the Athletics Village.

The SCANA property is occupied by an historic two-story brick-masonry mill containing approximately 65,000 gross square feet. Other utility buildings occupy the site, though most are candidates to be removed upon acquisition.

There are unimproved city streets that create a loop in the interior of the large parcel. The acreage of these roadways is not included in the 15.4 acres to be acquired.

This project requests funding to conduct building condition assessments for multiple existing structures and a Phase I, and potentially a Phase II, Environmental Assessment Report for all parcels. It is believed that organic chlorine compound polychlorinated biphenyl (PCB) contaminants at the SCANA property have been abated by SCANA; however, the ground occupied by Campbell's Wrecker Service has cause for concern due to the likely presence of petroleum-based fluids associated with vehicle servicing. The Preliminary Land Acquisition Project (PLA) will also update an appraisal.

Due to the large quantity of acreage, numerous parcels, numerous buildings to be assessed, and concern for ground contamination, the PLA budget is \$75,000.

Chairman Hubbard called for a motion to recommend full Board approval to establish this project with a budget of \$75,000 funded with Institutional Capital Project Funds. Mr. Buyck so moved and Ms. Moody seconded the motion. The vote was taken and the motion carried.

The University hereby declares its official intent, pursuant to federal regulations, to reimburse itself from the amount of proceeds of the tax-exempt bond issue.

B. Phase II Approvals

1. Emergency Generators for Critical Research Buildings

A master planning effort to prioritize energy initiatives was undertaken in 2014 and 2015 through a collaborative effort that included an external engineering firm, University energy

staff and research faculty. This planning determined that the delivery of back-up electricity to research facilities during a loss of service from the utility provider was among the highest priorities for the campus.

An internal study was conducted to evaluate campus buildings that support research and determine those most vulnerable to a loss of power from the utility grid. Numerous buildings and the content of their research were investigated from the standpoint of the value of the research that would be destroyed, or setback, and the implications to life safety in a building or a lab should negative pressure at a hood suddenly be lost as a result of a mechanical system being rendered non-functional due to power loss.

This project will install emergency electrical generators at three critical research facilities and modify the main electrical systems as required to receive the alternate power source. An existing 800 KW generator at the Coker Life Sciences (CLS) building will be relocated to the Swearingen building. A new 1500 KW generator will be installed at the CLS building, which will provide back-up power to both the CLS and the Earth & Water Sciences building. The project will integrate the generators with the buildings' electrical systems and include automatic transfer switches for immediate power transfer switching. The generators will be sized to supply power to the entire buildings' electrical system to allow uninterrupted operation of research, mechanical ventilation, lighting, teaching and administrative activities. The actual generators will be purchased separately from the project to avoid contractor mark-up.

The cost for the installation project is \$1,500,000 and will be funded with Johnson Controls Inc. (JCI) Settlement Proceeds. Approval is requested to fund the completion of design and construction. The work is scheduled to be complete by Spring 2018.

Chairman Hubbard called for a motion to recommend full Board approval to fund Phase II design and construction for a total project budget of \$1,500,000 funded with JCI Settlement Proceeds. Mr. Lister so moved and Dr. Floyd seconded the motion. The vote was taken and the motion carried.

The University hereby declares its official intent, pursuant to federal regulations, to reimburse itself from the amount of proceeds of the tax-exempt bond issue.

2. Close-Hipp Renovation

The nine-story Close-Hipp building was constructed in two phases in 1973 and 1983 respectively. The older Close half fronts College Street and serves as the main entrance point for the building. The building comprises 340,978 gross square feet and is the largest building on the Columbia campus. The building contains approximately 36 academic classrooms, an auditorium, a conference center, food service and hundreds of offices. A parking structure adjoins the building on the north side.

The project will address only the most serious maintenance needs and enhance energy efficiency since much of the original mechanical and some plumbing and electrical infrastructure is at the end of its serviceable life and will be replaced. The project will also focus on life safety by installing a sprinkler system and an updated fire alarm system on certain floors and areas as the budget permits.

The existing interior will not be significantly reconfigured since the building possesses reasonable flexibility to accommodate various programs slated to reoccupy the building. Current planning contemplates occupants that will include the Global Carolina Program and other academic occupants of the Byrnes Building. The classrooms and auditoriums will be preserved. Notably, the College of Hospitality, Retail and Sport Management (HRSM) will be relocated from Carolina Coliseum to Close-Hipp. This college will require approximately one third of the Close-Hipp building. A Culinary Lab will be constructed using a \$2 million grant and other HRSM funds will be applied to make minor renovations to accommodate the college within the building.

The total project budget is \$16,000,000 to be funded with \$13,800,000 of Institutional Capital Project Funds and \$2,200,000 of private funds from HRSM. Classroom enhancements and future minor renovations will be undertaken as separate projects. Approval is requested to fund the completion of design and construction. The renovation is planned to be completed by Fall 2019.

Chairman Hubbard called for a motion to recommend full Board approval to fund Phase II design and construction for a total project budget of \$16,000,000 funded with \$13,800,000 of Institutional Capital Project Funds and \$2,200,000 of private gifts. Mr. Lister so moved and Mr. Loadholt seconded the motion. The vote was taken and the motion carried.

The University hereby declares its official intent, pursuant to federal regulations, to reimburse itself from the amount of proceeds of the tax-exempt bond issue.

C. Other Approvals

1. Cocky Sculpture

The project will create a life-size and life-like bronze representation of Cocky, the University mascot, and place him in an exterior setting on the campus.

The site will be near Melton Observatory, along a pedestrian path that is heavily traveled by the student body. The sculpture will be placed on a bench that will be placed on brick hardscaping surrounded with new and existing landscaping. This site was chosen for its shade and picturesque back-drop since photographs of visitors, students and alumni with Cocky are expected to become a ritual. Cocky's Reading

Express program is represented by the presence of books in the sculpture and the proximity of the sculpture to Davis College where the School of Library and Information Science is located.

The project is funded with gifts from the University Parents Association and is expected to cost slightly less than \$100,000. The project has been reviewed and approved by the University's Design Review Committee and must now be considered by the Buildings and Grounds Committee in accordance with the University Campus Exterior Art Policy.

Trustee von Lehe asked where the sculpture request had originated and Dr. Pruitt responded. He said that University Visitor Center Director Denise Wellman initiated the request years ago as an Admissions project and had taken it through the University's appropriate processes.

Chairman Hubbard called for a motion to recommend full Board approval to create a life-size and life-like bronze representation of Cocky and place him in an exterior setting on the campus near Melton Observatory, funded with gifts from the Parents Association. Ms. Moody so moved and Mr. Loadholt seconded the motion. The vote was taken and the motion carried.

The University hereby declares its official intent, pursuant to federal regulations, to reimburse itself from the amount of proceeds of the tax-exempt bond issue.

2. Blatt Pool Re-plastering

The Blatt Physical Education Center contains a competition swimming pool and a diving pool. This project will remove the entire finish layer of the existing plaster coating that has deteriorated, spalled and cracked in both pools. A new white plaster top coat will be applied on all wall and floor surfaces of both pools. Cracks in the base layers of the plaster will be patched with non-shrink grout before the new white top coat of plaster is applied. Steel reinforcing that has been exposed to moisture and has caused rust staining in the plaster will be cleaned and zinc-coated before the new plaster finish is applied. The tile that identifies the swimming lanes and the finish target will be replaced. The drain assemblies in the floor of the pools and the piping in the drain gutters around the perimeter will be removed and replaced as the budget permits.

The work will be executed during the summer of 2017, when a gap in the competitive swimming and diving schedule permits the work to be completed expeditiously.

Chairman Hubbard called for a motion to recommend full Board approval to establish and fully fund this project with a budget of \$375,000 to be funded with \$125,000 of Athletic Maintenance Reserve, \$125,000 of Institutional Capital Project Funds, and \$125,000 of Institutional Funds. Mr. Lister so moved and Dr. Floyd seconded the motion. Trustee Fennell asked if consideration was given to removing the old

pool and installing a new one rather than repairing the existing one. Mr. Gruner explained that the construction cost to remove the pool within a building and construct a new one far exceeded the cost of repairing the current pool. The vote was taken and the motion carried.

The University hereby declares its official intent, pursuant to federal regulations, to reimburse itself from the amount of proceeds of the tax-exempt bond issue.

3. Taylor House Roof Replacement

The Taylor House was constructed in 1908 at the northeast corner of Senate and Bull Streets. Currently a project is underway to restore the windows, exterior trim and brick masonry so that the exterior of the house will be restored to complement the new Law Center that is situated behind the house. The exterior renovation initially intended to only install a new fiberglass shingle roof for budgetary reasons. The original 1908 construction drawings and historic photographs clearly indicate that the original roof was a Spanish-style clay terra cotta tile roof.

The Boyd Family, descendants of the original owners, donated gifted funds to be applied for a future interior renovation. They recently pledged additional funds specifically for the purpose of restoring the original terra cotta roof. Instead of proceeding with fiberglass shingles, the project will install a new waterproof underlayment and terra cotta tile roof. The color of the terra cotta roof will blend with the red terra cotta panels installed in the exterior wall of the new Law Center.

The roof project will be completed by the summer of 2017.

Chairman Hubbard called for a motion to recommend full Board approval to establish and fully fund this project with a budget of \$400,000 to be funded with private gifts. Mr. Buyck so moved and Dr. Floyd seconded the motion. The vote was taken and the motion carried.

The University hereby declares its official intent, pursuant to federal regulations, to reimburse itself from the amount of proceeds of the tax-exempt bond issue.

4. Bursar, Financial Aid, Registrar and Admissions Renovations at 1244 Blossom Street

The five-story building at 1244 Blossom Street was completed in 1979 and contains 71,589 gross square feet. The building has been occupied by University Technology Services for its entire life. This project will renovate minor interior portions of the building for new departments.

Recent collaborative planning between the departments of the University Architect, the Provost, and Student Affairs have identified the building as an optimal location to consolidate certain student service functions that will benefit from proximity with one another. The offices of the Bursar, Financial

Aid, and certain groups within the Admissions office will relocate to the building, joining the Registrar's office which is already located there. The students who need to access these offices will have a better experience as compared to the current situation, which has these four related departments situated in nine separate buildings across the campus.

The building's location at the southwest corner of Blossom and Sumter Streets is near the core of campus and is thus convenient for students. The current interior configuration is readily adaptable for these proposed office functions. The project will enable minor renovations on each floor to accommodate the various programs and will cover the cost for limited furniture and relocation expenses. As funding permits, the toilet rooms will be modified to comply with disabled accessibility requirements.

The spaces that will be vacated in other buildings will be repurposed for other logical University occupants.

The total project budget is \$975,000. If approved, the renovation work will begin and be completed in 2017.

Chairman Hubbard called for a motion to recommend full Board approval to establish and fully fund this project with a budget of \$975,000 to be funded with Institutional Capital Project Funds. Mr. Westbrook so moved and Ms. Moody seconded the motion. The vote was taken and the motion carried.

The University hereby declares its official intent, pursuant to federal regulations, to reimburse itself from the amount of proceeds of the tax-exempt bond issue.

5. DeSaussure Window Replacement and Access Control Project

DeSaussure College was constructed in 1809 and is the second building constructed on the campus of the South Carolina College. The historic building retains its original window fenestration and roof detailing. The building is a contributing structure to the Historic Campus District. The building provides student residences as it has since 1809. The academic center portion of the building currently houses administrative offices for the Honors College.

The windows and doors, which are believed to have been replaced in a 1970s renovation, have deteriorated significantly over the last 40 years and today they present an unacceptable state of decay on one of our most prominent buildings on the Horseshoe. The windows also allow air and moisture infiltration. The project will remove the existing windows, abate any asbestos putty and lead paint, and entirely replace the windows and exterior doors. New windows will match historic muntin and sash profiles as was recently implemented at Rutledge College. The windows will be fabricated of sapele, which

is a relatively rot-resistant wood species similar to mahogany. There are approximately 116 windows, some of which must be fire rated, and 20 exterior doors. All new windows and doors will be painted.

A second aspect of the project will install electronic access control at all exterior entrance doors, all interior apartment entrance doors and at each bedroom door within each apartment. The access control systems will match systems being used throughout recent campus residential buildings. The scope of work described above will require approximately 72 access control devices.

If approved, the project will produce bid documents carefully detailing the windows and doors based on historic standards subject to the approval of the South Carolina Department of Archives and History. Measurements of each window will be field verified in the summer of 2017, while the residences are unoccupied. Custom off-site shop-fabrication of each window will occur throughout the latter half of 2017 and the first half of 2018. The existing windows will be removed and new windows will be installed during the summer of 2018, while the residences are unoccupied.

The total project budget is \$800,000 funded by Housing Maintenance Reserve.

Chairman Hubbard called for a motion to recommend full Board approval to establish and fully fund this project with a budget of \$800,000 funded by Housing Maintenance Reserve. Mr. Buyck so moved and Dr. Floyd seconded the motion. The vote was taken and the motion carried.

The University hereby declares its official intent, pursuant to federal regulations, to reimburse itself from the amount of proceeds of the tax-exempt bond issue.

6. Harper/Elliot Window Replacement and Access Control Project

Harper/Elliot College was constructed in two phases in 1837 and 1848 respectively. The building is a contributing structure to the Historic Campus District. The building has continuously provided student residences for 180 years. The academic center portion of the building currently houses administrative offices for the Honors College and includes the historic Gressette Room that has been the meeting place for the Euphradian Society since the nineteenth century.

The windows and doors, which are believed to have been replaced in a 1970s renovation, have deteriorated significantly over the last 40 years and today they present an unacceptable state of decay. The windows also allow air and moisture infiltration. The project will remove the existing windows, abate any asbestos putty and lead paint, and entirely replace the windows and exterior doors. New windows will match historic muntin and sash profiles as was recently implemented at Legare/Pinckney College. The windows will be fabricated of sapele, which is a relatively rot-resistant wood species similar to mahogany. There are approximately 111 windows, some of which must be fire rated, and 13 exterior doors. Existing

shutters will be repaired, painted and rehung. All new windows and doors will be painted.

A second aspect of the project will install electronic access control at all exterior entrance doors, all interior apartment entrance doors and at each bedroom door within each apartment. The access control systems will match systems being used throughout recent campus residential buildings. The scope of work described above will require approximately 89 access control devices.

If approved, the project will produce bid documents carefully detailing the windows and doors based on historic standards subject to the approval of the South Carolina Department of Archives and History. Measurements of each window will be field verified in the summer of 2017, while the residences are unoccupied. Custom off-site shop-fabrication of each window will occur throughout the latter half of 2017 and the first half of 2018. The existing windows will be removed and new windows will be installed during the summer of 2018, while the residences are unoccupied.

Chairman Hubbard called for a motion to recommend full Board approval to establish and fully fund this project with a budget of \$800,000 funded by Housing Maintenance Reserve. Mr. Buyck so moved and Dr. Floyd seconded the motion. The vote was taken and the motion carried.

The University hereby declares its official intent, pursuant to federal regulations, to reimburse itself from the amount of proceeds of the tax-exempt bond issue.

7. School of Medicine Building #28 Simulation and Interactive Learning Center

Mr. Gruner called on Dean Hall to discuss the proposed Simulation and Interactive Learning Center (SILC). Dean Hall explained that the medical school curriculum was evolving with more emphasis on “real” clinical care training occurring earlier in the education cycle. This pedagogy is expected to grow for medical and other health care students to meet Liaison Committee on Medical Education and industry standards that advance clinical training into the initial years of clinical education.

The SILC project represents a partnership with the Veterans Administration (VA) as both will use it. In addition to USC’s investment, the VA will invest at least \$500,000 in equipment including robotic mannequins and patient simulators. Also, the VA will provide support and personnel, and will train its medical staff with USC students and faculty as a combined and integrated learning center.

Building #28 currently contains recently renovated space on the second floor for the Ultrasound Institute and the Clinical Skills/Objective Structured Clinical Examination Center. The SILC will supplement the interactive learning already occurring on the second floor providing a natural expansion of that program to host larger groups and train more providers. The Physician’s Assistant program on the VA campus is centered on clinical simulation. The simulation center at the Richland Clinical campus has

limited capacity and focuses primarily on training for residents and healthcare providers so this simulation lab is not duplicative with the proposed SILC at the VA site.

The SILC will be in direct proximity to approximately 200 first and second year medical students, 60 FTE physician assistant students, nurse anesthesia students, as well as other medical providers and care givers. Approximately 175 third and fourth year medical students may also take advantage of the simulation center.

A payback approach was considered to help justify the project. The value from this project in current and future medical training will occur within five to seven years. Mr. Gruner said it was believed that this timeline will coincide with the development of a new medical campus.

Chairman Hubbard asked about the project timeline. Dean Hall said that if the project was approved, it would be ready for the Fall 2017 class.

Chairman Hubbard called for a motion to recommend full Board approval to establish and fully fund this project with a budget of \$800,000 to be funded with School of Medicine Institutional Capital Project Funds. Dr. Floyd so moved and Mr. Lister seconded the motion. The vote was taken and the motion carried.

The University hereby declares its official intent, pursuant to federal regulations, to reimburse itself from the amount of proceeds of the tax-exempt bond issue.

8. Strom Thurmond Wellness and Fitness Center Skylight Replacement Project Part II

This is the second and final part of the Strom Thurmond Wellness and Fitness Center Skylight Replacement Project to address a situation in which the composite translucent panels that form the skylights have delaminated creating roof leaks and a hazard to the public and the area around the building.

The center was completed in 2003. The skylight system that was installed is comprised of large translucent composite panels set in an aluminum framing system. These panels allow diffused natural light to filter into the spaces below and they are a significant architectural feature visible from the exterior around the building.

The manufacturer of the panels is no longer in business and the panels began their significant decline after the 10-year warranty had expired. After conferring with the USC Legal Office, it was determined that no legal options exist to pursue the manufacturer for liability.

When installed, the panels were whitish and performed as a water-tight barrier per the project specifications. Shortly after 10 years the panels began to yellow significantly. More recently, the panels have suddenly begun to delaminate with pieces blowing off the roof and the system is allowing water to intrude into the building. These risks prompted the emergency project response to quickly replace the panels currently most at risk.

The first part of the project will replace approximately 50% of the failing composite panels, including the dome feature. This second part will replace the remaining roof panels and the panels over the pedestrian bridges. The panels will be replaced on the existing framing with new panels produced by an alternative manufacturer widely accepted as the most qualified manufacturer of composite panels. The new panels will carry a 10-year general warranty with their installation and a 25-year warranty against yellowing.

Part II of the project will require funding of \$750,000.

President Pastides asked if any South Carolina Department of Transportation (DOT) emergency funds might be available for the replacement of the skylight panels over the two crosswalks. Mr. Gruner responded “no” since the University owned the crosswalks. However, he said he would look into the possibility of any DOT funding.

Chairman Hubbard called for a motion to recommend full Board approval to establish and fully fund this project with a budget of \$750,000 to be funded with \$475,000 of Institutional Funds and \$275,000 of Institutional Capital Project Funds. Mr. Westbrook so moved and Ms. Moody seconded the motion. The vote was taken and the motion carried.

The University hereby declares its official intent, pursuant to federal regulations, to reimburse itself from the amount of proceeds of the tax-exempt bond issue.

9. Naming of Pedestrian Bridges Over Blossom and Assembly Streets
Serving the Strom Thurmond Wellness and Fitness Center

The project will install painted metallic signs recognizing John N. Hardee and the University of South Carolina on each side of the pedestrian bridges spanning Blossom Street and Assembly Street. The signs have been designed to integrate with the steel structure of the bridges.

Chairman Hubbard called for a motion to recommend full Board approval to install a total of four metallic signs on the pedestrian bridges spanning Blossom and Assembly Streets. In appreciation for his assistance in helping the University obtain federal funds for the construction of these pedestrian bridges, the signs will read “University of South Carolina John N. Hardee Crossing.”

Mr. Westbrook so moved and Ms. Moody seconded the motion. When asked, Mr. Gruner said the cost of the signs and installation would be approximately \$4,000. The vote was taken and the motion carried.

The University hereby declares its official intent, pursuant to federal regulations, to reimburse itself from the amount of proceeds of the tax-exempt bond issue.

Chairman Hubbard thanked Mr. Gruner for his informative presentation.

IV. Board of Visitors' Achievement Tower Recognition and Naming

Chairman Hubbard called on Secretary Stone, who said that the Board of Visitors had worked to create something that could become a source of pride for Gamecock fans now and in the future, and the idea of a garnet light shining on the crown of Capstone is the concept behind an "Achievement Tower." This idea has become a reality and the garnet light will be illuminated at various times to honor the outstanding academic and athletic accomplishments of the University of South Carolina. Lighting protocols have been established and will be managed by the Office of Communications.

The Board of Visitors was requesting that the garnet light be named the "Gamecock Achievement Tower at Capstone."

Chairman Hubbard called for a motion to recommend full Board approval of the garnet lights illuminated to signify significant achievements by the University, both in the classroom and in athletic venues, officially be named the "Gamecock Achievement Tower at Capstone." Ms. Moody so moved and Mr. Westbrook seconded the motion. The vote was taken and the motion carried.

V. USC Upstate Naming Requests

Chairman Hubbard called on Interim Chancellor Fitzpatrick who explained that historically the Spartanburg County Commission for Higher Education has had jurisdiction over land, roads, and building placement, as a power given to them by Spartanburg County that owns all of the land on which the USC Upstate campus is located.

A. Gramling Marker

Gramling Drive, located on land owned by Spartanburg County, was named by the commission in 1986. The road is named for Henry Gramling, an early commissioner who sold and donated land for the original acreage of the University. In addition, Gramling Drive has appeared as an element on numerous Board approved master plans of USC Upstate over the years. A small marker was placed near the drive.

GRAMLING DRIVE
HENRY TURPIN GRAMLING
SPARTANBURG COUNTY FARMER, BUSINESSMAN
AND CIVIC LEADER
GENEROUS FRIEND OF USCS
DEDICATED OCTOBER 7, 1986

The marker was removed in 2006 when construction changed the path of the road. Recently, the family has asked when it will be replaced. Dr. Fitzpatrick said that USC Upstate would like to honor the wishes of the family and the commission. Therefore, they suggest the site for re-installation of the marker be in the median at the corner of University Way and Gramling Drive.

B. Hall Marker

Also in 1986, the commission named Hall Lane in honor of the first physical plant director at USC Upstate. There was a marker on the side of the road, but it was removed as the road no longer exists. Staff and friends of Mr. Hall asked to have the marker replaced on campus and the facilities group suggests it be placed on a hillside on American Way.

HALL LANE
W. RIVERS HALL
FIRST DIRECTOR, PHYSICAL PLANT
CREATIVE INFLUENCE
IN DEVELOPING USCS
DEDICATED OCTOBER 28, 1982

Chairman Hubbard called for a motion to recommend full Board approval of the replacement of these markers to designate Gramling Drive and Hall Lane as presented. Mr. Lister so moved and Mr. Loadholt seconded the motion. The vote was taken and the motion carried.

VI. Gift Naming Opportunities

Chairman Hubbard called on Ms. Jancy Houck who said that the Gift Naming Opportunities Committee met on Wednesday, October 26, 2016, and approved naming opportunities in conjunction with the appropriate donations. The following gift naming opportunities were presented in Executive Session without objection:

A. College of Information and Communications

– Colonel Rick Kiernan Office

B. Language for the Suggs' Plaque

Tommy Suggs was the starting quarterback on the 1968, 1969 ACC Championship and 1970 Gamecocks football teams. The gift from Tommy and his wife, Jane, was made in grateful appreciation to his teammates, coaches, Sigma Nu fraternity brothers and our always faithful Gamecock fans.

The plaque would be installed on the southern-most pillar supporting the Tommy Suggs Garnet Way arch.

C. Language for the Rex Enright Athletic Center Plaque

This round planter serves as a tribute to the Rex Enright Athletic Center, known to legions of Gamecock fans as the "Roundhouse". Built in 1956 just steps from this location, this iconic building served many different functions for the athletics department ranging from football locker rooms to coaching and administrative offices. The Roundhouse was the headquarters for the USC Department of Athletics until the summer of 2012 when the offices relocated to the new Rice Athletics Center. The Roundhouse was originally dedicated to Rex Enright who served the university for years in the dual role of head football coach (1938-1942, 1945-1956) and athletics director (1938-1960). The Roundhouse will always hold a special place in the heart of Gamecocks who came to know and love this unique building on Rosewood Drive.

The plaque would be located on the side of the wall facing Rosewood Drive and will have the Athletics Village lettering to match the wall facing Heyward Street. The backside of that wall is intended to have the original and refinished "Rex Enright Athletic Center" letters and to have a plaque installed close by explaining the tie between those letters and the round shape of the planter.

Chairman Hubbard called for a motion to recommend that the full Board approve this gift naming opportunity and two plaque texts as presented. Mr. Loadholt so moved and Dr. Floyd seconded the motion. The vote was taken and the motion carried.

V. Other Matters

Chairman Hubbard called for any other matters to come before the committee. Trustee Whittle said that the old Dunbar Funeral Home on Gervais Street had been purchased and renovated by the University, but appeared to be unoccupied. He asked for an update. Mr. Gruner responded that the University stabilized the exterior of the building several years ago and that the Children's Law Center was still in the process of raising private funds to renovate the interior of the building and remove the garage building. Trustee Whittle asked for an update on the fund-raising efforts.

President Pastides asked Mr. Gruner to work with Law School Dean Robert Wilcox to provide a fund-raising update to the committee. When asked, Mr. Gruner said that the Children's Law Center was currently located in the 1600 Hampton Street building.

VI. Adjournment

There being no other business to come before the committee, Chairman Hubbard declared the meeting adjourned at 11:11 a.m.

Respectfully submitted,

Amy E. Stone
Secretary