



**BOARD OF TRUSTEES
TECHNOLOGY, BUILDINGS, AND GROUNDS COMMITTEE
REPORT SUMMARY**

Date of Meeting: February 5, 2021

Date of Next Meeting: May 14, 2021

Committee Chair: Donny Bryan '73

Committee Members: Nicolas Abrams '99, Carlos Alcazar, Board Chair Lex Birney, Alice Bonner '03, Michael Dougherty, Faculty Delegate Scott Mirabile, Elizabeth Graves '95, President Tuajuanda Jordan, Danielle Troyan '92

Staff Member: Paul Pusecker

Dashboard Metrics

N/A

Executive Summary

Technology Overview

Implementation of the ERP System for the Student Nexus module continues and is currently in phase three, or approximately 75% completed. It is anticipated that the Student Nexus system will go live in late Spring 2021.

The Wi-Fi installations for the Academic Building Enhancement Project were completed during the winter break. The Office of Information Technology continues to provide support for asynchronous and synchronous learning and for staff who are teleworking.

The Office of Information Technology continues to address the issue of an effective cyber security program and is working with multiple internal and external entities to develop and provide support for this initiative.

FY21 and FY22 Capital Improvement Projects

For FY21, the State awarded the College \$4.4M to address road infrastructure and repairs and to replace the HVAC and electrical systems in Calvert Hall. Planned repairs and improvements to the western portion of College Drive will be implemented after the Spring 2021 semester ends. For the Calvert HVAC replacement, we have engaged Mueller Associates to provide bid ready documents with an anticipated completion date in late 2021, if bids come in within budget.

The Governor released his capital budget recommendations for FY22 on January 20, 2021. The College requested \$3.0M for the Schaefer Hall central plant replacement (\$2.475M), Calvert Hall window replacement (0.425M), and the campus roadways repair phase three (\$0.1M). Due

to State budget constraints, the Governor recommended \$1.5M in FY22 for these projects, but also included a special fund deficiency appropriation of \$1M in FY21 for projects to improve the campus infrastructure. Once the FY22 capital budget is approved, the College will work with the Department of Budget and Management Capital analysts to determine availability of funding and project prioritization.

The College requested \$20.933M for the final funding request for the New Academic Building and Auditorium project. The Governor has recommended \$20.309M, with an increase of \$0.293M in construction for a public art display and a reduction of \$0.917M in equipment.

New Academic Building and Auditorium

As of mid-January 2021, the main building is mostly enclosed and the west building is under roof. On the main building, about 20% of the exterior brick has been laid, interior partitions are framed, and ductwork, sprinkler lines, and plumbing are being installed. The auditorium ceiling is ready for drywall. In the west building, exterior framing is in progress. Overall, the project is approximately 35% complete with much of the heaviest construction, foundations, utilities, steel framing and roofing, mostly complete. The work progresses as scheduled and, importantly, is on budget at this time.

Commemorative Completion and Dedication

The Commemorative to Enslaved Peoples of Southern Maryland is complete. The virtual community dedication took place on November 21, 2020, and may be accessed on the College website (<https://www.smcm.edu/commemorative/>), along with interpretive elements, discussion about the history of slavery in Southern Maryland, details about the archaeology at the site, and an exploration of the erasure poetry gracing the structure.

Mattapany Road Improvements/Howard Property Right of Way Action

The College is exploring the possibility of building a pedestrian and bicycle path from the southeast portion of campus to Route 5 that will provide a safe path for students in lieu of using Mattapany Road. A feasibility study, using the unbuilt railroad right-of-way from the 1800's that runs through property owned by the Howard family, is in progress.

Maryland Environmental Services: Campus Water Upgrades

Maryland Environmental Services, the domestic water supplier to the College, invested nearly \$2.5M in a system upgrade across campus that will provide domestic water to the New Academic Building and Auditorium. The project also increased capacity and redundancy, and provided necessary flow to various points throughout campus. In total, over 3,500 linear feet of piping and six new valves were added to the water supply infrastructure. Future installations of fire suppression systems are now possible with these improvements.

Cawood House Controlled Burn

The College sought approval from the Maryland Historical Trust to remove the house from the Cawood property. The structure was found to have no architectural significance or integrity and the Maryland Historical Trust approved its removal. The controlled burn was managed by the Ridge Volunteer Fire Department and took place on December 6, 2020. The College's physical plant has since worked with a contractor to clean up the site.

Campus Center Kitchen Flooring Upgrades

During the 2020 winter break, a new floor was installed throughout the kitchen in the Campus Center. This 4,000 square foot floor, funded by Bon Appetit, will allow for improved cleaning and disinfection and will prevent any leakage onto the first floor of the Campus Center.

Action Item(s) related to specific strategic plan goals as appropriate:

None



**BOARD OF TRUSTEES
ST. MARY'S COLLEGE OF MARYLAND
TECHNOLOGY, BUILDINGS, AND GROUNDS COMMITTEE
MEETING OF FEBRUARY 5, 2021
AGENDA**

- I. DISCUSSION ITEMS (None)**
- II. ACTION ITEMS (None)**
- III. INFORMATION ITEMS**
 - A.** Technology Overview
 - B.** FY21 and FY22 Capital Improvement Projects
 - C.** New Academic Building and Auditorium
 - D.** Commemorative Completion and Dedication
 - E.** Mattapany Road Improvements/Howard Property Right of Way Action
 - F.** Maryland Environmental Services: Campus Water Upgrades
 - G.** Cawood House Controlled Burn
 - H.** Campus Center Kitchen Flooring Upgrades
 - I.** Historic St. Mary's City Commission Report
 - J.** Minutes (Meeting of October 16, 2020)

The Committee does not expect to close any portion of this meeting.

**BOARD OF TRUSTEES
ST. MARY'S COLLEGE OF MARYLAND
TECHNOLOGY, BUILDINGS, AND GROUNDS COMMITTEE
FEBRUARY 5, 2021
INFORMATION ITEM III.A.
TECHNOLOGY OVERVIEW**

Enterprise Resource Planning System

Implementation of the ERP System for the Student Nexus module continues. Work is now at phase three for this initial module, which includes the verification and validation of data. Anthology and Office of Information Technology (OIT) personnel have begun to prepare for phase four, which includes required integration and workflows. OIT staff is also working on the data corrections and configurations needed to update the system for the final spin. Once that is completed, the final cycle of testing, configuration, correcting, and training will begin. At this point, it is estimated that this module is approximately 75% completed. It is anticipated that the Student Nexus system will go live in late spring 2021.

Remote Learning Enhancements

The Wi-Fi installations for the Academic Building Enhancement Project were completed during the winter break, as was the installation of 150 additional Wi-Fi devices in the Lewis Quad and Waring Commons residence halls. The increase in Wi-Fi devices across campus required the increase in bandwidth from 2G to 5G, allowing for additional uploading and downloading speed.

To support remote instruction, the OIT continues to provide the institution with web conferencing capabilities that can support asynchronous and synchronous learning through multiple types of web conferencing platforms. The Zoom platform is the preferred method of instruction. During the fall 2020 semester 578 active users conducted 34,278 meetings and stored nearly 2GB of recordings. We anticipate similar usage for the spring semester.

The OIT continues to support the College remotely for the spring semester. Staff have worked diligently ensuring that faculty and staff have the tools needed to perform their duties. Since last March, they received more than 3,151 requests for software installations, password resets, login issues, classroom support, etc. During the fall 2020 semester, OIT processed 704 visitors with 1,706 tickets and 6,300 work hours dedicated to supporting the ERP project, the Wi-Fi projects (academic and residence), classroom upgrades, and remote learning environments.

Cyber Security

The OIT continues to address the issue of an effective cyber security program and is working with multiple internal and external entities to provide support for this initiative. Data Networks (IT consulting firm) has provided a proposal for providing a Foundational Security Program, which analyzes the existing environment, identifies challenges, issues, and opportunities, and highlights institutional cybersecurity goals. Some of the more critical goals include planning for a modern authentication solution leveraging existing investments, clean up older existing user, device, and group management solutions and integrate them into the new modern identification and access management solution, reduce the volume of incoming password reset requests by enabling a self-

service password reset portal, improve security by deploying Multi-Factor Authentication that is not dependent on clear text transmission of passcodes or passwords, improve collaboration and security for SMCM by planning and implementing a guest access plan, and increase security by blocking legacy authentication solutions through Conditional Access to prevent unsecured authentication protocols like POP, SMTP, IMAP, and MAPI that cannot enforce multifactor authentication.

**BOARD OF TRUSTEES
ST. MARY'S COLLEGE OF MARYLAND
TECHNOLOGY, BUILDINGS, AND GROUNDS COMMITTEE
FEBRUARY 5, 2021
INFORMATION ITEM III.B.
FY21 AND FY22 CAPITAL IMPROVEMENT PROJECTS**

For FY21, the State awarded the College \$4.4M to address road infrastructure and repairs and to replace the HVAC and electrical systems in Calvert Hall. Planned repairs and improvements to the western portion of College Drive will be implemented after the current semester ends. The Request for Proposal (RFP) action will go out to bid in March 2021. For the Calvert HVAC replacement, we have engaged Mueller Associates to provide bid ready documents and we intend to solicit bids via open RFP in late spring. We are hopeful that bids will be in line with available funding so that this project proceeds, with an anticipated completion date in late 2021.

On January 20, 2021, the Governor released his FY22 capital budget recommendations. For FY22, the College requested \$3.0M for three projects under campus infrastructure improvement: the Schaefer Hall central plant replacement (\$2.475M); the Calvert Hall window replacement (0.425M); and the campus roadways repair phase three (\$0.1M). Due to budget constraints, the Governor recommended \$1.5M in FY22 for these projects, but also included a special fund deficiency appropriation of \$1M in FY21 for projects to improve the campus infrastructure. Once the FY22 capital budget is approved, the College will work with the Department of Budget and Management capital analysts to determine availability of funding and project prioritization.

For the final funding request for the NABA, the College requested \$20.933M. The Governor has recommended \$20.309M, with an increase of 0.293M in construction for a public art display and a reduction of \$0.917M in equipment (furniture, fixtures, and equipment-FF&E). We are analyzing potential impact, but believe it will be negligible as several items can be moved from FF&E into the construction budget. For instance, the high-density shelving used for the sheet music library can be added to the construction costs.

**BOARD OF TRUSTEES
ST. MARY'S COLLEGE OF MARYLAND
TECHNOLOGY, BUILDINGS, AND GROUNDS COMMITTEE
FEBRUARY 5, 2021
INFORMATION ITEM III.C.
NEW ACADEMIC BUILDING AND AUDITORIUM UPDATE**

Construction began in February 2020. As of mid-January 2021, the main building is mostly enclosed and the west building is under roof. On the main building, about 20% of the exterior brick has been laid, interior partitions are framed, and ductwork, sprinkler lines, and plumbing are being installed. The auditorium ceiling is ready for drywall. In the west building, exterior framing is in progress. Overall, the project is approximately 35% complete with much of the heaviest construction, to include foundations, utilities, steel framing and roofing, mostly complete. The work progresses as scheduled and, importantly, on budget at this time.



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ST. MARY'S COLLEGE OF MARYLAND
TECHNOLOGY, BUILDINGS, AND GROUNDS COMMITTEE
FEBRUARY 5, 2021
INFORMATION ITEM III.D.
COMMEMORATIVE COMPLETION AND DEDICATION UPDATE**

The Commemorative to Enslaved Peoples of Southern Maryland is complete. The virtual community dedication took place on November 21, 2020, and may be accessed on the College website (<https://www.smcm.edu/commemorative/>), along with interpretive elements, discussion about the history of slavery in Southern Maryland, details about the archaeology at the site, and an exploration of the erasure poetry gracing the structure.



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TECHNOLOGY, BUILDINGS, AND GROUNDS COMMITTEE
FEBRUARY 5, 2021
INFORMATION ITEM III.E.
MATTAPANY ROAD IMPROVEMENTS/ HOWARD PROPERTY /
RIGHT OF WAY ACTION UPDATE**

The College is exploring the possibility of building a pedestrian and bicycle path from the southeast portion of campus to Route 5 that will provide a safe path for students in lieu of using Mattapany Road. A feasibility study, using the unbuilt railroad right-of-way from the 1800's that runs through property owned by the Howard family, is in progress. The College hired Site Resources, Inc., a civil engineering firm that is familiar with the College through their work on Anne Arundel Hall and the New Academic Building and Auditorium. The study is scheduled for completion later this winter. Once complete, the College and the property owners will discuss the findings and options.

Concurrently, the College and Historic St. Mary's City have been engaged in discussions with the St. Mary's County Department of Public Works (DPW) about safety improvements to Mattapany Road from east of the campus to Maryland Rt. 5. The St. Mary's County DPW recently released the Request for Proposal (RFP) for an engineering feasibility study of road improvement. Representatives from the College, Historic St. Mary's City, and the St. Mary's County DPW met virtually on January 15, 2020 to discuss the project and respond to specific questions from the RFP solicitation.

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TECHNOLOGY, BUILDINGS, AND GROUNDS COMMITTEE
FEBRUARY 5, 2021
INFORMATION ITEM III.F.
MARYLAND ENVIRONMENTAL SERVICES: WATER UPGRADES**

Maryland Environmental Services (MES), the domestic water supplier to the College, invested nearly \$2.5M in a system upgrade across campus that will provide domestic water to the New Academic Building and Auditorium. The project, completed in late fall 2020, also increased capacity and redundancy, and provided necessary flow to various points throughout campus. In total, over 3,500 linear feet of piping and six new valves were added to the water supply infrastructure. Future installation of fire suppression systems is now possible with these improvements.

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TECHNOLOGY, BUILDINGS, AND GROUNDS COMMITTEE
FEBRUARY 5, 2021
INFORMATION ITEM III.G.
CAWOOD HOUSE – CONTROLLED BURN**

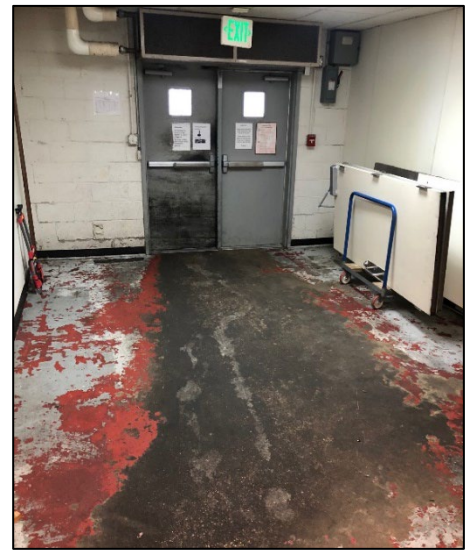
The Cawood House and property, acquired in 2008, is contiguous to the College. Over time, the house has fallen into disrepair, taking away from the natural beauty when entering the campus. Subsequent to approval from the Maryland Historic Trust, the College collaborated with the Ridge Volunteer Fire Department to have the structure removed in a controlled environment.

The controlled burn, which took place on December 6, 2020, provided training for the Ridge Volunteer Fire Department. The College's physical plant has since worked with a contractor to clean up the site, ensure the safety of the foundation, demolish the chimney, and add fill as needed. The secondary building, a shed, will be removed soon. The removal of this structure greatly enhances the aesthetics of the drive as you enter campus from Route 5 North and has a positive impact on the College's deferred maintenance ratings.



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TECHNOLOGY, BUILDINGS, AND GROUNDS COMMITTEE
FEBRUARY 5, 2021
INFORMATION ITEM III.H.
CAMPUS CENTER KITCHEN FLOORING UPGRADES**

During the 2020 winter break, a new floor was installed throughout the kitchen in the Campus Center. This 4,000 square foot floor, funded by Bon Appetit, will allow for improved cleaning and disinfection and will prevent any leakage onto the first floor of the Campus Center.





**ST. MARY'S COLLEGE OF MARYLAND
BOARD OF TRUSTEES UPDATE
MEETING OF FEBRUARY 5, 2021**

- Dr. Henry Miller and Travis Parno co-edited a book due for publication by the University Press of Florida entitled *Unearthing St. Mary's City: Fifty Years of Archaeology at Maryland's First Capital*. The book "highlights the lives of peoples of European, Native American, and African origins who lived on this site over a span of four centuries. Their stories illuminate the multilayered nature of this important place and the broader Chesapeake region." (<https://upf.com/book.asp?id=9780813066837>)
- The museum closed in early November, following the Governor's directive. Our summer and fall season saw increased visitation. Since our closure the grounds are active every day with neighbors and visitors walking the trails and paths through the interpreted grounds.
- Like the College and many museums, we had to pivot quickly to provide online experiences for our audiences. Staff has been active on social media, offering engaging content as well as activities for families and students who are learning from home. Feedback from friends and donors has been very positive.
- We expect to launch an online platform with videos, virtual tours, and other content for members, teachers, and families in a few weeks.
- We completed construction of Margaret Brent wooden pavilion adjacent to Farthings this summer. It provided a perfect COVID-19 safe meeting place for internal events and visitors to gather.
- Staff completed their work with a diverse group of community partners to redesign exhibits for the Maryland Heritage Interpretive Center. We hope that when the Governor releases his 5-Year Capital Improvement plan it will be scheduled for next fiscal year.
- With the support of a \$50,000 grant from the Maryland Heritage Area Authority, the Commission is close to completing its new Master Plan. The long-term plan addresses site improvement, programs, and branding. This multi-phase plan will act as a roadmap as we prepare for the 400th anniversary of the State of Maryland in 2034 and beyond.
- The annual field school in historical archeology will be offered this summer. After nearly a year of following COVID safety protocols, we can offer a safe and meaningful hands-on experience for students in learning the theory and practical skills of archaeology.
- Construction of the new *Maryland Dove* was delayed slightly by the Stay-At-Home order of last Spring. The new ship is scheduled to be delivered in December 2021. She will be Coast Guard certified to carry passengers, a capability the current *Dove* lacks.





**BOARD OF TRUSTEES
TECHNOLOGY, BUILDINGS, AND GROUNDS COMMITTEE
MINUTES**

Date of Meeting: October 16, 2020

Status of Minutes: Approved November 3, 2020

Campus Life and Facilities Committee Members Present: Committee Chair Donny Bryan '73, Nicholas Abrams '99, Carlos Alcazar, Board Chair Lex Birney, Alice Bonner '03, Michael Dougherty, Elizabeth Graves '95, President Tuajuanda Jordan, Faculty Representative Scott Mirabile, Danielle Troyan '92

Staff Members: Paul Pusecker

Others Present: Betsy Barreto, Anirban Basu, John Bell '95, Allison Boyle, Thomas Brewer, Mike Bruckler, Peter Bruns, Kelsey Bush, Anne Harvey-Diggs, Susan Dyer, Paula Collins, Carolyn Curry, Peg Duchesne '77, Judy Fillius '79, Gail Harmon, David Hautanen, Sven Holmes, Doug Mayer '04, Shana Meyer, Jenell Sargent, Laurie Scherer, Maury Schlesinger, Jenny Sivak, Ray Wernecke, Harry Weitzel, Michael Wick, Anna Yates, Derek Young

Executive Summary

Technology, Buildings, and Grounds Committee Chair Donny Bryan '73 called the meeting to order at 10:28 a.m. The meeting took place via videoconference.

Assistant Vice President of Information Technology and Chief Information Officer Jenell Sargent provided the Committee with an in-depth overview of the College's technology capabilities, challenges, and future needs. Jenell shared the actions taken by the Office of Information Technology in response to the COVID-19 pandemic that made remote teaching, learning, and working possible and successful. Information about the current information technology infrastructure and recent projects was also provided.

Vice President Pusecker reviewed the College's FY22-FY26 capital budget request, which included funding for the New Academic Building and Auditorium construction, infrastructure projects, and the renovation of Goodpaster and Montgomery Halls. Details on specific infrastructure projects were provided in the materials.

The Enterprise Resource Planning Project (ERP) continues to move forward. Transition into the implementation phase of the CampusNexus Student module was completed over the summer. Phase 2, which consists of configuration, mapping, and data validation, continues. Phase 2 is the most challenging and time-consuming, with multiple levels of verification and validation involved. Phases 3 and 4 will be conducted on a simultaneous basis. The StudentNexus project is scheduled to go live in early 2021. In Fall 2020, implementation and planning for the finance, human resources, and payroll modules began with a go-live date of late 2021.

The New Academic Building and Auditorium complex construction continues to be on budget and on schedule to open for the Fall 2022 semester. The construction is expected to be complete in early Spring 2022, followed immediately by testing of the acoustic properties in the performance spaces, commissioning of the HVAC and audio-visual systems, and installation of new furnishings. The Music and Educational Studies departments are scheduled to move into the new buildings in the summer of 2022.

An update on FY21 infrastructure projects was provided. The ARC pool HVAC project is complete and the 50-meter pool is back in operation. The campus roads project, which is scheduled to begin in May 2021, will include the resurfacing of roads and the replacement of curbing. Replacement of the heating and cooling systems in Calvert Hall is scheduled to begin in the late spring / early summer of 2021. The scope of work will also include substantial upgrades to the electrical and lighting systems throughout Calvert Hall.

Installation of the Commemorative to Enslaved Peoples of Southern Maryland is underway. The Colleges anticipates that the structure will be completed on the site by the end of October 2020. A virtual community dedication ceremony is scheduled for November 21, 2020.

The installation of a rubberized surface on the running track at the Jamie L. Roberts Stadium was completed in July 2020.

The College is exploring the possibility of building a pedestrian and bicycle path that will provide a safe passageway for students in lieu of using Mattapany Road. The path would begin near the intersection of Route 5 and Rosecroft Road and would extend to the crosswalk at the entrance to the Jamie. L. Roberts Stadium.

The College's water supplier, Maryland Environmental Services, invested nearly \$2.5M in a system upgrade across campus. The project supplies water to the New Academic Building and Auditorium and provides an increased capacity and redundancy to various locations throughout the campus.

The College acquired the Cawood House and property in 2008. Since then, the house has fallen into disrepair. The College is currently working with the Ridge Volunteer Fire Department to have the structure removed in a controlled environment. The property has the worst facility condition index of any College owned property and its removal will positively impact the College's deferred maintenance ratings.

Information was provided regarding the College's actions and the protocols developed, due to the COVID-19 pandemic, to ensure a safe campus environment for all students, faculty, and staff.

Action Items

None

The meeting adjourned at 10:59 a.m.