BUILDINGS AND GROUNDS COMMITTEE
MEETING OF FEBRUARY 2, 2018

AGENDA

I. CALL TO ORDER

II. ACTION ITEMS
   A. Approval of Minutes (Meeting of October 20, 2017)

III. DISCUSSION ITEMS
   A. Jamie L. Roberts Stadium Update
   B. New Academic Building and Auditorium Update
   C. Recruitment and Retention Initiatives-Campus Beautification and Food Service Improvements

IV. INFORMATION ITEMS
   A. Governor’s Five Year Budget - CIP
   B. MD RT. 5 Traffic Calming Project Phase II Update
   C. Historic St. Mary’s City Commission Report
   D. Sustainability Report Update

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

**Discussion Items**

**Jamie L. Roberts Stadium Update**

Phase I Construction on Jamie L. Roberts Stadium has begun with the award of construction of the track and synthetic turf fields scheduled for completion early March 2018. Phase II design is complete but bidding results indicate the project is over budget by $2.17M. The College is working to resolve the current budget obstacle so the project can proceed.

**New Academic Building and Auditorium Update**

The design work continues on the New Academic Building and Auditorium. The program verification is complete with the initial site and building design in progress.

**Recruitment and Retention Initiatives - Campus Beautification and Food Service Improvements**

In an effort to enhance the presentation of St. Mary’s College, the College has developed a draft Campus Beautification Plan with funding strategies. The College is also engaged in a study to identify food service improvements to bolster student recruitment and retention.
Information Items

Governor’s Five Year Budget – CIP

The Governor’s 5-year Capital Improvement Plan (CIP) fully funds our request. For FY19, $3.0M is included to continue design of the New Academic Building and Auditorium. In addition, the governor has included $0.5M in FY19 to support the Slave Quarter Commemoration project as requested. Funding for infrastructure improvements, totaling $17.6M over the next 5 years, remains in the Governor’s 5-year CIP. For FY19, $2.4M is included to upgrade Montgomery Hall and the Hilda C. Landers Library HVAC controls upgrades, repair roads, and improve shorelines.

MD RT. 5 Traffic Calming Project Phase II Update
Maryland Department of the Environment and Critical Area Commission permit applications have been approved. This project is on track to begin construction early summer 2018.

Historic St. Mary’s City Commission Report
Commission Report to be provided by Historic St. Mary’s City representative.

Sustainability Report Update
The College will provide an update of progress of sustainability initiatives undertaken in calendar year 2017.

Action Item(s):

Buildings and Grounds Committee Meeting Minutes of May 12, 2017
Approval of Buildings and Grounds Committee Meeting Minutes of May 12, 2017.

Committee Action Taken/Action in Progress:

Recommendation to the Board:
Date of Meeting: October 20, 2017

Committee Members Present: Committee Chair Donny Bryan ’73, John Bell ’95, Board Chair Sven Holmes, President Tuajuanda Jordan, Katherine Russell.

Committee Members Absent: Laura Cripps, Kevin Emerson


Executive Summary:

Committee Chair Donny Bryan ’73 called the meeting to order at 9:00 a.m.

Honors College 2.0 – Space Needs
The College will begin working on space planning to support a new educational master plan. In addition, a food service study will be conducted to develop both short-term and long-term plans to enhance food service options.

Campus Beautification Planning
The College has developed a draft preliminary Campus Beautification Plan. The College is currently funding some projects that improve curb appeal. As the College continues to refine the Campus Beautification Plan, Admissions and other campus partners will be consulted. The goal is to present the Campus Beautification Plan to the Board of Trustees during the February 2018 session.

Slavery Commemoration Project
Having found 18th and 19th century slave dwelling artifacts during the archeology of the Jamie L. Roberts Stadium, the College worked with Historic St. Mary’s City, the Maryland Historical Trust as well as both internal and external members of the community to relocate the stadium to preserve the archeological features. The College’s President appointed a Commemorative Committee which is charged with using feedback from the off-campus and on-campus constituents to inform a program statement need to solicit for design services. The College has submitted for $85,000 in grant funding for design through the African American Heritage Grant program through the State of Maryland. Construction funds ($500K) have been requested through the Governor’s Capital Improvement Plan for FY19. Committee Members commented that the commemorative site should be a place of celebration for people that overcame hardships as well as a place for reflection and to invoke emotional connections.
MD RT. 5 Traffic Calming Project Phase II Update
The Committee was updated on the projects progress to date and informed that the project is on track to move forward.

New Academic Building and Auditorium Update
The design consultant GWWO Architects has been retained after an extensive selection process. The College is currently working on a review of the scope of work to validate the project’s scope of work and requirements with the building committee before design begins.

Campus Tour – Campus Grounds (Admissions Tour)
Committee Members and attendees were given a tour which highlighted a segment of the College’s admission tour route that is used by the Admissions Department for hosting potential students and their families.

Action Item(s):

Approval of Detailed Design of Jamie L. Roberts Stadium
The detailed design of the Jamie L. Roberts Stadium was presented to the Committee. Donor funding has provided for the additions of a Hospitality Suite and VIP Boxes to the scope of work. The Roberts family as well as the Athletics Department has been presented the design renderings and are very pleased with the outcome to date. In addition, the committee was updated on the results of the solar orientation review.

Buildings and Grounds Committee Meeting Minutes of October 20, 2017
The minutes from the May 12, 2017, Buildings and Grounds Committee Meeting were presented to Committee Members.

Committee Action Taken/Action in Progress:
The proposed action items were approved by the Buildings and Grounds Committee at its meeting on October 20, 2017 as follows:

Approval of Detailed Design of Jamie L. Roberts Stadium
The proposed action item was approved by the Buildings and Grounds Committee at its meeting on October 20, 2017.

Buildings and Grounds Committee Meeting Minutes of May 12, 2017
The Buildings and Grounds Committee approved the meeting minutes of May 12, 2017.

Recommendation to the Board:
N/A

Meeting was adjourned at 9:34 a.m.
CURRENT STATUS

Construction of Phase I (artificial turf field including rough-in for track) began on December 19, 2017. Installation of the artificial turf field is expected to be completed in mid-March. The completion is approximately six weeks later than the original planned date of February 5, 2017 due to permit delays and weather.

Construction of Phase II (stadium building and bleachers, grass field, and parking lot) has not begun pending resolution of the project budget. While the cost estimates provided by the design-build contractor, RAD Sports, met the budget during the design process, their updated pricing at the completion of design significantly exceeded the budget. The current construction cost for both Phases is $11.99M, exceeding the budget by $2.18M.

The College and RAD Sports are working together diligently to seek ways to address this overage. We are exploring value engineering, increased subcontractor competition, and refinement of pricing provided to date to reduce the shortfall. Upon determination of a final price, the College will consider three options for moving forward: providing additional funds; undertaking a significant redesign of the project to bring it within budget; or some combination of limited redesign that attempts to preserve much of the project, with a reduced shortfall.

Construction of Phase II was scheduled to start in early January with completion of the project planned for August 2018. Resolution of the budget will delay completion. Options that include redesign will likely result in completion no earlier than January 2019. Preserving the current design through supplemental funding would result in completion in October 2018 for use during the fall sports season.

Below is background information on the project, including the contract with RAD Sports, and potential options. In addition, the attached provides a comparison of the original design to a possible redesign scheme intended to reduce the scope of the project to within budget.

BACKGROUND

Scope: The project consists of a grass athletic field (soccer), an artificial turf field (field hockey and lacrosse) surrounded by a running track, stands for 800-spectators per field, and a stadium building which will contain team rooms, a training room, press boxes, concession stand, hospitality room, VIP box seats, and restrooms for spectators. A spectator concourse is featured on the second floor of the stadium building.
Design-Build Contract: RAD Sports is performing under a design-build contract with guaranteed maximum price. This form of contract was selected primarily to leverage the experience and knowledge of the contractor ensuring that the project would be within budget. RAD Sports was hired based on excellent experience with this type of project, as well as the design-build process. Under the contract, RAD Sports is responsible for designing the project within the specified maximum price. Any additional costs incurred by RAD Sports and their architects, engineers or other consultants to rebid and/or redesign the project are not the College’s responsibility.

Cost Management: In accordance with the contract, the College required RAD Sports to pause the design effort at the Schematic and Design Development stages in order to verify that the design was proceeding within the required maximum price. At both stages, RAD Sports provided detailed cost information indicating that the project was, in fact, on budget. Their estimate was created using their own expertise, as well as services provided by a hired professional estimator. The College authorized RAD Sports to proceed with final design documents based on its representation that the design was within budget.

At the conclusion of the design last fall, RAD Sports initiated the process of bidding the work to various subcontractors. They informed the College that the cost after bidding was about $3.3M over budget. Over the past few weeks, RAD Sports and the College have worked to confirm prices provided by subcontractors, seek additional competition by soliciting additional subcontractor pricing, and engage in limited “value engineering,” resulting in the current price of $12M which exceeds the budget by $2.2M. As stated above, efforts will continue to further refine the cost of the project as designed.

Options: Upon completion of the pricing analysis, the College will consider the following options:

Option 1: Preserve the design, supplement the budget:
Given that fundraising efforts exceeded the $2.5M requirement, the College may have access to additional private funds for the project. The College Plant Fund, which has a reserve of $1.7M, could also be utilized. Funds may also be allocated within the upcoming FY19 Plant Budget. The amount of additional funding and the specific fund sources will be determined once final pricing is established.

Option 2: Limited scope reduction/redesign, limited supplemental funding:
Opportunities to preserve the primary scope of the designed project would be explored. Selected elements of the project, such as the roof over the spectator concourse would be eliminated to reduce costs. Supplemental funding would be less than under Option 1 above.

Option 3: Significant scope reduction, remain within budget:
The building would become one-story. Based on a preliminary study, the significant changes would include: elimination of the second story spectator concourse and VIP boxes, use of prefabricated booths for the press boxes, use of ramps for ADA access to the seating areas, and provision of a ground floor hospitality room with views of only one field. Efficiencies occur through elimination of stairs, the elevator, consolidation of restrooms, and a smaller, simplified structure. A tentative concept of this reduced project is attached.
ARCHAEOLOGY

Since October, College archaeologists have completed the excavation of additional test units and have examined subsoil features revealed through trenching. Some additional artifacts have been recovered and minor site features identified all of which support the previous findings. Nothing additional has been discovered that would impede the planned construction.
III.A.

Value Engineering efforts to date:

- Track – provide an asphalt track (practice/training surface), defer installation of competition surface pending future consideration of a varsity track program
- Misc. infrastructure items – incorporate lower cost products including plumbing, HVAC, and lighting systems
- Finishes – provide lower cost products where appropriate
- Site Improvements – reduce parking lot size and extent of brick entrance courtyard

Note: Athletic program and existing design aesthetics remain unchanged.
Current Design

Possible Redesign
- One story
- Eliminate 2nd story spectator concourse,
- Eliminate VIP boxes,
- use of ramps for ADA access rather than elevator
- ground floor hospitality room with views of only one field.
NEW ACADEMIC BUILDING AND AUDITORIUM UPDATE

BACKGROUND

The project includes classrooms, labs and rehearsal facilities for the Music and Educational Studies departments, a “Study Commons” to provide collaborative workspace for students, and a 700-seat auditorium. The building will be constructed on the existing varsity field, and the site will include courtyards and a new “Crescent Greens” open space. The project will also provide additional parking on North Campus and improvements to College Drive.

STATUS

The first phase of the design, program verification, has been completed. The architects for the project, GWWO of Baltimore and The Gund Partnership of Cambridge, reviewed the 2015 program with College stakeholders and confirmed that the scope as previously developed remains appropriate with only minor alterations. The significant change is the addition of a café to be located adjacent to both the auditorium lobby and an exterior courtyard. The café is recommended as part of the overall food service study aimed at improving student recruitment and retention.

The architects have begun the schematic design phase of the project. They have met with the core Building Committee to review the project’s configuration on the site, its massing and the general organization of the primary programmatic elements. A presentation of the preliminary site and massing concepts will be presented at the meeting of the Committee on Buildings and Grounds. The Schematic Design will be presented to the Committee in its May 2018 meeting.

The College’s procurement of the construction manager is on-going. The construction manager will provide preconstruction services during the design phase (including cost estimating), and act as Construction Manager at Risk under a guaranteed maximum price contract. We anticipate award of the contract in late February 2018.
MASTER PLAN PRINCIPALS for New Academic and Auditorium Building

Linear Development: Strengthen linear axis; develop stadium field

Site Principals
a. Establish primary walkway from Goodpaster Hall to Waring Commons
b. Use mass and scale of O’Brien ARC to minimize scale of auditorium
c. Strengthen connection to academic core
d. Entrance to serve campus pedestrians and visitors (from both sides)
e. Create outdoor rooms/courtyards
f. Create outdoor commons space for Townhouse Crescent
g. Service (well screened)
h. Straighten out Campus Drive to create improved intersection at Mattapany Road
VIEW FROM SOUTH

St. Mary's College of Maryland  New Academic Building & Auditorium
30 January 2018
RECRUITMENT AND RETENTION INITIATIVES – CAMPUS BEAUTIFICATION AND FOOD SERVICES

Campus Beautification

In an effort to enhance the presentation of St. Mary’s College, the College has developed a draft Campus Beautification Plan with funding strategies. The plan focuses on the enhancement of public spaces found in grounds and buildings. The draft Campus Beautification Plan is attached for information.

Efforts have already begun to improve the campus curb appeal with current projects funded through the plant and operating budgets, and other sources. $7.5M has been committed and/or spent to this effort to date. The funded projects are identified in the attached list with the fiscal year listed. The College has refined the plan and engaged Admissions and other campus partners in its development. The current unfunded amount for the proposed plan is $1.3M. The Priority A items totaling $575K will be considered for funding during the on-going development of the FY19 Plant Budget.

Food Service Enhancement

Admissions research suggests that the College's location and perceived isolation negatively affect recruitment of students. A component of the sense of isolation is the general lack of retail and food options for students. While the current food service provided to students and the campus community is generally considered to be very good, the College has undertaken a food service study to assess whether enhancing food service options could support overall recruitment and retention efforts.

The food service study initiated last fall included surveys with students and development of options to improve or expand venues. Short term initiatives include establishing a cafe in the O'Brien ARC (servicing Starbucks products), revising hours in the great room and the Pub to meet student demand, and piloting a food truck with local vendors. Longer term options include a new cafe as an addition to the scope of the New Academic Building and Auditorium, significantly renovating the Pub, and converting the current "Nook" adjacent to the Great Room to a new food venue.
### Completed or In Progress Projects

<table>
<thead>
<tr>
<th>Building/Area</th>
<th>Priority</th>
<th>Estimated Cost</th>
<th>Funding</th>
<th>Year</th>
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<tbody>
<tr>
<td>Bell Tower</td>
<td></td>
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<td>FY18</td>
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<tr>
<td>Campus Wide</td>
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<td>May Russell</td>
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<td>$3,000</td>
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<td>Townhouse Greens</td>
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**TOTAL Cost of Complete or In Progress Projects**: $61,500

### Funded Projects

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<th>Funding</th>
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**TOTAL Cost Funded Projects**: $85,500

### Unfunded Projects

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## III.C. Unfunded Projects

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<td>Library Misc.</td>
<td>Mini Amphitheater at Library/Campus Center</td>
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<td>Montgomery Misc.</td>
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<td>St. John's Pond</td>
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<td>Roads</td>
<td>Removal of Pillow drive and installation of new brick pedestrian walks</td>
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**TOTAL Cost Unfunded Projects** $586,500

**TOTAL Cost Priority Projects** $130,000
### III.C.

**Campus Beautification Plan - Building Improvements**

#### Completed or In Progress Projects

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<th>Building/Area</th>
<th>Improvement Project</th>
<th>Priority</th>
<th>Estimated Cost</th>
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<td>First floor upholstered furniture replacement</td>
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<td>Caroline</td>
<td>New Bedroom Furniture</td>
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<td>Goodpaster</td>
<td>Classrooms - paint, chair rail, matching tablet arm desks</td>
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<td>Goodpaster</td>
<td>Make all table arm chairs consistent-remove old wood table arm chairs</td>
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<td>Library</td>
<td>Replace 3rd Floor carpeting</td>
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<td>Montgomery</td>
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<td>Montgomery</td>
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<td>O'Brien ARC</td>
<td>O'Brien ARC Arena lighting replacement</td>
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<td>O'Brien ARC</td>
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<td></td>
<td><strong>TOTAL Cost of Complete or In Progress Projects</strong></td>
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#### Funded Projects

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<th>Priority</th>
<th>Estimated Cost</th>
<th>Funding</th>
<th>Year</th>
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<tbody>
<tr>
<td>Admissions</td>
<td>Admissions re-upholstery and replacement of furniture in living room and sunroom with minor finishes upgrades</td>
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#### Unfunded Projects

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<th>Estimated Cost</th>
<th>Funding</th>
<th>Year</th>
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<td>Admissions</td>
<td>Living room reconfiguration and renovation</td>
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<td>Campus Center</td>
<td>Slate cove base in Campus Center first floor</td>
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<td>DPC</td>
<td>New flooring in main areas and main meeting room</td>
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<tr>
<td>Goodpaster</td>
<td>Repair or replace wood floor first floor common areas</td>
<td>B</td>
<td>$58,000</td>
<td>unidentified</td>
<td></td>
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<tr>
<td>Goodpaster</td>
<td>Stain floor in bridge between Goodpaster and Schaefer</td>
<td>C</td>
<td>$6,000</td>
<td>unidentified</td>
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<tr>
<td>Library</td>
<td>Entry flooring replace Parquet and quarry tile</td>
<td>A</td>
<td>$45,000</td>
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<tr>
<td>Montgomery</td>
<td>Minor lighting upgrades</td>
<td>C</td>
<td>$5,000</td>
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</table>
### III.C. Unfunded Projects

<table>
<thead>
<tr>
<th>Building/Area</th>
<th>Improvement Project</th>
<th>Priority</th>
<th>Estimated Cost</th>
<th>Funding Year</th>
</tr>
</thead>
<tbody>
<tr>
<td>Montgomery</td>
<td>Flooring - Second floor carpeting</td>
<td>A</td>
<td>$35,000</td>
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<tr>
<td>Old Townhouse</td>
<td>Furniture - New Bedroom Furniture</td>
<td>B</td>
<td>$40,000</td>
<td>unidentified</td>
</tr>
<tr>
<td>Old Townhouse</td>
<td>Furniture - New Bedroom Furniture</td>
<td>B</td>
<td>$40,000</td>
<td>unidentified</td>
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<tr>
<td>Old Townhouse</td>
<td>Furniture - New Bedroom Furniture</td>
<td>B</td>
<td>$40,000</td>
<td>unidentified</td>
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<tr>
<td>Prince George</td>
<td>Furniture - New Bedroom Furniture</td>
<td>A</td>
<td>$290,000</td>
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</table>

**TOTAL Cost Unfunded Projects** $697,600

**TOTAL Priority A Projects** $445,000
Projects Completed To Date

Schaefer Hall 106 Renovation Project

St. Mary’s Hall (repair and painting of front facade)

O’Brien ARC Main Corridor Floor Rehabilitation
Food Service Planning
Summary of Alternative Enhancements
2-2-18

Goals:
Primary: Minimize sense of remoteness of campus to support recruitment and retention
Secondary: Enhance dining experience for students
Overview of Food Service Planning Process

**STEP 1**
Research and Analysis
*(Nov./Dec.)*

**STEP 2**
Develop Alternatives
*(Dec./Jan.)*

**STEP 3**
Implement Short Term Initiatives
- Vet Options with Stakeholders
- Refine Long Term Initiatives
  *(Feb./Mar.)*

**STEP 4**
Approve Final Long Term Initiatives
*(April)*
Student Satisfaction

Overall Impression of Campus Dining Program
Fall, 2017

- Very Good: 48.85%
- Good: 32.82%
- Excellent: 15.27%
- Not Good: 3.05%

64% Either Very Good or Excellent
Rationale

- Expand number/type of dining options to enrich student life experiences and contribute to retention and recruitment

- Address students’ interest for “better and more food options late at night and on the weekend”
  
  Source: Spring 2017 Social Life Assessment

- Identify possible locations that can become fun and enjoyable spaces w/ food offers to congregate, socialize with friends, and participate in extracurricular activities

- Administration interest to gain input to create a campus environment that meets social and academic needs
Short Term Alternatives

**Great Room Hours**
*Implemented January ‘18*
- Extend Full Service Dining Hours

**North Campus Coffee**
- Glendening Hall Lobby or ARC Concession Stand

**Pub**
- Extend Hours & Enhanced Menu
  *Implement Spring Break*

**Food Truck**
- Pilot with local vendor on limited trail basis *(student events, Sunday nights, etc.)*
Long Term Alternatives

**Campus Center Nook**
- Renovate as new dining venue
- Doubles as student lounge/study

**Enhance Pub**
- a) Interior Refurbishment
- b) Create patio seating area

**North Campus Café**
- (New Academic Building and Auditorium)
- Starbucks-like
- Support events in Auditorium
- Support campus demand
- Create prominent setting
GOVERNOR’S FY19 – FY23 CAPITAL IMPROVEMENT PROGRAM (CIP)

The Governor’s 5-year Capital Improvement Plan (CIP) for FY19 – FY23 has been released. The attached table compares the College’s request and the Governor’s budget. The Governor’s CIP is consistent with the College’s request.

For FY19, $3.0M is included to continue design of the new academic building and auditorium. In addition, the Governor has included $0.5M in FY19 to support the slave quarter commemoration project as requested.

Funding for infrastructure improvements, totaling $17.6M over the next five years, remains in the Governor’s five year CIP. For FY19, $2.4M is included to upgrade the HVAC controls in both Montgomery Hall and the Hilda C. Landers Library, repair roads, and improve shorelines.
# FY18 – FY22 College Capital Budget Request

## New Academic Building & Auditorium

- Design
- Construction
- Commemoration
- College Math

## Campus Infrastructure Improvements

- Design (phased)
- Construction (phased)

<table>
<thead>
<tr>
<th></th>
<th>College Request FY19 – FY23</th>
<th>Governor’s 5-Year Budget Plan FY19 – FY23</th>
</tr>
</thead>
<tbody>
<tr>
<td>FY19-FY20</td>
<td>$ 4.9 million</td>
<td>FY19-FY20</td>
</tr>
<tr>
<td>FY19-FY22</td>
<td>$56.2 million</td>
<td>FY19-FY22</td>
</tr>
<tr>
<td>FY19</td>
<td>$ 0.5 million</td>
<td>FY19</td>
</tr>
<tr>
<td>FY22</td>
<td>$ 2.5 million</td>
<td>FY22</td>
</tr>
<tr>
<td>FY19-FY23</td>
<td>$ 2.1 million</td>
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<tr>
<td>FY19-FY23</td>
<td>$15.5 million</td>
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</table>


<table>
<thead>
<tr>
<th>Year</th>
<th>Projects</th>
<th>Funding</th>
</tr>
</thead>
<tbody>
<tr>
<td>FY17</td>
<td>Match to Federal Grant for Rt. 5 Traffic Calming Phase II</td>
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</tr>
<tr>
<td></td>
<td>Trinity Church Road Sidewalk</td>
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</tr>
<tr>
<td>FY18</td>
<td>NO PROJECTS FUNDED</td>
<td></td>
</tr>
<tr>
<td>FY19</td>
<td>Montgomery Hall HVAC Controls Upgrade</td>
<td>$2.4M</td>
</tr>
<tr>
<td></td>
<td>Library HVAC Controls Replacement</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Storm Water and Living Shoreline Improvements</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Repair Campus Roads Phase I</td>
<td></td>
</tr>
<tr>
<td>FY20</td>
<td>O’Brien ARC Roof Replacement</td>
<td>$2.9M</td>
</tr>
<tr>
<td></td>
<td>Montgomery Hall Air Handler Replacement</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Montgomery Hall Window &amp; Door Replacement</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Hilda C. Landers Library Roof Replacement</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Schaefer Hall Chiller Replacement</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Schaefer Hall Membrane Roof Replacement</td>
<td></td>
</tr>
<tr>
<td>FY21</td>
<td>Calvert Hall HVAC Replacement</td>
<td>$4.6M</td>
</tr>
<tr>
<td></td>
<td>North Campus Nodal Loop Expansion</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Montgomery Hall Elevator Replacement</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Repair Campus Roads Phase II</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Automated Door Security Upgrades</td>
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<tr>
<td>FY22</td>
<td>O’Brien ARC HVAC Replacement</td>
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<td>Calvert Hall Windows Replacement</td>
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<tr>
<td></td>
<td>Montgomery Hall Underground Storage Tank</td>
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</tr>
<tr>
<td></td>
<td>Dorchester Circle Storm Water Drainage</td>
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## Infrastructure Projects..Continued

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<thead>
<tr>
<th>Year</th>
<th>Projects</th>
<th>Funding</th>
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</thead>
<tbody>
<tr>
<td>FY23</td>
<td>Slate Roof Replacement – Historic Campus</td>
<td>$4.8M</td>
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<tr>
<td></td>
<td>Masonry Restoration – Historic Campus</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Calvert Hall Elevator and Life Safety Stairwell</td>
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</tr>
<tr>
<td>TOTALS</td>
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<td>$18.5M</td>
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MD RT. 5 TRAFFIC CALMING PROJECT PHASE II UPDATE

BACKGROUND

The project will construct a path from the main campus to the North Field for pedestrians and bicycles to provide a safe alternative to the current practice of walking in the northbound travel lane of MD Rt. 5. The path will include a wooden bridge/boardwalk across Wherritt’s Pond, and a paved path along a portion of MD Rt. 5 which parallels the St. Mary’s River. The project is funded by a Transportation Alternatives Grant from the Federal Highways Administration of $1.74M which is administered through State Highway Administration (SHA). The College has a 20% match to the grant of $435,000 which is being funded as a state capital project.

STATUS

The College has obtained preliminary permit approvals from Maryland Department of the Environment, Critical Areas Commission, Army Corp of Engineers and the State of Maryland Wetlands License. The State Highway Administration (SHA) is currently reviewing the design. The College is on course to have approval to bid the project from SHA by spring 2018.

SCHEDULE

The anticipated project timeline is as follows:

<table>
<thead>
<tr>
<th>Activity</th>
<th>Date</th>
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<tbody>
<tr>
<td>Design Complete</td>
<td>March 2018</td>
</tr>
<tr>
<td>Construction Start</td>
<td>July 2018</td>
</tr>
<tr>
<td>Construction Completion</td>
<td>December 2019</td>
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UPDATE FOR ST. MARY’S COLLEGE BOARD OF TRUSTEES MEETING

FEBRUARY 2, 2018

• Opening a new exhibit on Maryland Day weekend at the Brome Quarter, adjacent to the Inn at Brome Howard. The exhibit entitled, *Struggle for Freedom: African American Life in St. Mary’s City in the 18th and 19th Centuries* tells the story of African American people during the period of enslavement, post emancipation, and into the 20th century — a story of resilience and self-determination. This project has been years in the making; Henry Miller would date the project back to Gary Wheeler Stone’s efforts three decades ago to preserve what remained of the building. The Maryland Commission on African American History and Culture will receive this year’s Cross Buttony Award for their lasting contribution to this project.

• Completed our re-accreditation visit with Peer Reviewers from American Alliance of Museums (AAM); the Accreditation Committee will review the Site Visit report in February and we should hear in March whether we have been re-accredited. I have every reason to expect a successful outcome. Our Peer Reviewers were very enthusiastic about their experience, particularly at the collections care facilities at Anne Arundel Hall.

• Saw increase in general visitation of 26% from 7/1/17 to 12/2/17 over last fiscal year.

• Awarded contract for siding replacement at VC. Held pre-construction meeting. The contractor plans to start on the 1st of February and complete work by mid-April.

• Remodeling Farthing’s Kitchen to accommodate the new vendor which includes modifications to the electric, moving of utilities, wall, ceiling, and door repairs and designing and building new service counters.

• Finished Chancellors Point site enhancements. Planning a grand opening in the spring in coordination with the National Parks Service Chesapeake Office and Chesapeake Conservancy. Boy Scout troops and Navy Chiefs have already utilized the site.

• Providing more resources for visitors with special needs. Uploaded a “social narrative” developed by our Public Programs Manager to our website to help students, teachers and families prepare for school tours with special needs students.

• Continuing research and publication in Research Department:
  o Henry Miller is working with a publisher on a 50th Anniversary volume about St. Mary’s City archaeology in collaboration with Travis Parno.
  o Travis Parno coordinated a formal symposium for 2018 Society for Historical Archaeology (SHA) Annual Conference in New Orleans, LA: “…Once the Metropolis of Maryland: Celebrating 50 Years of Archaeology at Historic St. Mary’s City,” delivered paper about 17th-century ordinaries in St. Mary’s City.
  o Silas Hurry presented on original research into War of 1812 self-emancipating individuals from St. Mary’s City as part of SMCM’s African American and African
Diaspora symposium entitled "From Slavery to Freedom: The Struggle for Civic Virtue at St. Mary's and Beyond."
ST. MARY’S COLLEGE OF MARYLAND
BOARD OF TRUSTEES
COMMITTEE ON BUILDINGS AND GROUNDS
MEETING OF FEBRUARY 2, 2018
INFORMATION ITEM IV.D.

SUSTAINABILITY REPORT

CLIMATE COMMITMENT: In the spring of 2016, the College renewed its commitment to carbon neutrality by 2020 as one of the signatories of the American College & University Presidents’ Climate Commitment. The College strives to meet this commitment through the following:

- Utilized the Green St. Mary’s Revolving Fund (GSMRF) to reduce energy consumption through improvements in energy efficiency. The recently completed GSMRF project to replace lighting in the Michael P. O’Brien Athletic Recreation Center (MPOARC) arena is estimated to save $22,300 annually in electrical cost which equates to a return on investment of 1.48 years
- Consumption of “green” power directly or through purchase of Renewable Energy Credits (“RECs”)
- Reduction in landfill waste
- Environmental stewardship
- Behavioral adjustments to encourage sustainability

OTHER CAMPUS ACTIVITIES: The Office of Sustainability promotes and administers various programs which support and expands the College’s “green” efforts. These include:

- GSMRF projects – GSMRF is a funding source for energy improvement projects on campus
- Support of the Campus Farm
- Maintenance of the bee hives
- Compost collection from residence halls
- Operation of the FreeStore for exchange of clothing and hard goods
- Active box recycling during move-in and move-out
- E-waste collection program for obsolete electronics and batteries
- Student informational and educational programs which promote environmental awareness

ACCOLADES: The College has been recognized in the Princeton Review as the 6th top Green College and also recognized by the St. Mary’s Watershed Association as a River Champion.
Annual Sustainability Report
Ivan Hernandez ‘17
Sustainability Fellow
Introduction:
Sustainability at St. Mary’s College of Maryland is continuing to improve and meet the demands of our changing climate. This report will outline the current state of the College’s initiatives and projects that aim to enhance campus-wide sustainability and environmental stewardship. This document is supplementary to previous annual reports, and will focus primarily on the initiatives of this year.

St. Mary’s College was recognized by the Princeton Review as the 6th top Green College in the nation. This accomplishment is well deserved considering our commitment to “respecting the natural environment” (The St. Mary’s Way). St. Mary’s has regularly been recognized on the Princeton Review’s guide to 375 Green College. However, this is the first time the College has landed a spot in the Top 10 category of this list. This accolade was well received by the campus community, and serves as a testimony that the St. Mary’s community truly is a leader in encouraging sustainability and environmental stewardship. In addition to this prestigious award, the College was also recognized by the St. Mary’s Watershed Association as a River Champion. This award recognized organizations that have demonstrated significant and exceptional commitments to upholding the SMWSA’s mission of: “protecting improving, and promoting the well-being of the St. Mary’s River Watershed through collaborative efforts of economic, agricultural, environmental, social, cultural, and political stakeholders in the community.”

In addition, the Environmental Studies department is continuously expanding, and now offers courses in: Chesapeake Bay Science, The Endangered Species Act, and Environmental History. The newly added Environmental Studies major is becoming one of the College’s most popular majors by students. We hope that more classes in sustainability and environmental education are offered to all students in the future.

Accomplishments:

- Wrote and passed an environmental mini grant to finance 3-stream receptacle bins (compost, recycling, trash) for the College’s dining hall. This allowed the Office of Sustainability to expand our composting and waste diversion efforts to include food scraps collected from the Great Room.
- Passed a GSMRF funded project to convert the lighting fixtures in the ARC arena to LED (energy-efficient) bulbs.
- Designed a more sustainable campus move-out process to minimize waste. Mobile storage units will be rented and available for students to donate their unwanted belongings during the 2 weeks leading up to the end of the year. These items will then be organized and redistributed to SMCM community members.
- Partnered with the Sustainability Club to revamp the healing garden on campus. New plants/shrubs were purchased and planted in the space.
• Created and placed stickers on fume hoods in all the Chemistry and Biology labs advising users to shut the fume hood when not in use (prevents unnecessary air flow which saves energy).
• Recognized by the Princeton Review as the 6th Top Green College in the nation.
• Recognized by the St. Mary’s River Watershed with the River Champion Award.

Weigh the Waste:
This past semester, the Office of Sustainability continued our Weigh the Waste campaign in the College’s dining hall. For one hour during lunch each week, waste from plates in the dining hall was collected and weighed. This served as a visual representation of how much waste is generated in the College’s dining hall. While there is no significant trend in the data, we do see that the lowest totals were during the last three weeks of the semester (Fig. 1).

New goal: In order to get a better representation of waste habits in the College’s dining hall, we plan to expand our Weigh the Waste campaign to include one hour of collection during dinner time. Dr. Cassie Gurbiz of the Environmental Studies department has shown interest in having her Intro to Environmental Studies students help with this campaign for extra credit. We are also interested in calculating a rough Carbon footprint of the waste as well. We anticipate that waste totals should decrease with the new compost bins available.

![Weigh the Waste Graph](image)

Figure 1. Weight of waste collected (lbs) during one hour of lunch each week of the fall 2017 semester at St. Mary’s College of Maryland.
**FreeStore:**
The FreeStore serves a donation center for SMCM community members to divert their unwanted items from being thrown away. This semester alone, the FreeStore has returned upwards of 500+ items back into the community. These items range from clothing, bedding, school supplies, electronics, furniture, mini-fridges, and much more. The FreeStore was moved from Dorchester Hall into a much larger space in Queen Anne Hall. The FreeStore is operated primarily by four federal work study employees.

**Campus bees:**
The campus bees are alive and thriving. For the first time since the two hives were brought to campus, we were able to harvest and collect roughly 1 gallon of honey. Dr. Samantha Elliott entered the honey in the St. Mary’s County Fair competition and received 3rd place.

**Events:**
Campus Sustainability Month (October):
- Green Infrastructure Week
- Food Justice Week
- Waste Diversion Week
- Global Climate Change Week
- 1st Annual Residence Hall Composting Competition (October)

Sustainable Life Workshops:
- Sewing Workshop
- Make your own laundry detergent workshop

Film-screenings:
- “Tomorrow” (Partnered with Patuxent Tidewater Land Trust)
- “Wasted” (Partnered with Bon-App’s Sustainability Fellow Claire)

**Projects in-progress:**
Intern Jeanette Warren will be updating and redesigning the Sustainability website. She was a former web content fellow for the Office of Informational Technology. She will focus primarily on updating the written content of the site to reflect the most up to date information available. She then will focus on the design of the site and will try to create a more user-friendly “eye-catching” site.

Intern Mindy Grant will be hosting the “Weigh the Waste” campaign this semester. She will be working with Dr. Gurbiz’s students to expand the program to retrieve more data. She will also be tabling inside the great room to ensure that students are aware of the new compost bin, and what items are acceptable.
Intern Kaitlin Aaby will be spearheading the “Recycling Bin Transformation Project.” The goal of the project is to paint at least three of the recycling bins that students use most with images and signage that promote environmental stewardship.

The Office of Sustainability will work together to organize appropriate Earth Day events and will likely host this year’s Polar Bear Plunge.

Videos of the Arboretum are in the process of being filmed and created. We hope to publish these videos on our website and the College’s YouTube channel.