Program Panelists

American University
Jeremey Stover – Director, Planning & Project Development

George Mason University
Tom Calhoun – Vice President, Facilities

University of Maryland
Bill Olen – Executive Director, Design & Construction

Moderator – Michael Vos, Branch & Associates

Presentation 5:30 to 7:00 p.m.
Reception 7:00 to 8:00 p.m.

November 17, 2016
American University – Planning and Project Management

Jeremy Stover
Director of Planning and Project Development
Renovation Projects

Resident Hall Renovations

Classroom Improvements

Capital Projects

PPM
Construction Updates

• **East Campus:**
  - Utility Connections are complete
  - Installation of precast and exterior envelope for Buildings 2 and 3 is complete, and nearing completion on Building 1.
  - Site work is nearing completion
  - Buildings 2 and 3 interiors near completion, with “punch list” under way.

• **Tenley Campus:**
  - February 2016 - Construction completed

• **McKinley:**
  - May 2014 - Construction completed

• **4401 Connecticut:**
  - March 12, 2014 - Construction completed

• **Cassell Hall:**
  - August 2013 - Construction completed

• **Nebraska Hall:**
  - August 2013 - Construction completed
Renovation Projects - Current

- Ward Circle Building
- Butler Pavilion Mechanical Upgrades
- AU Club
Upcoming Projects
Stay in Touch

- jstover@american.edu
- www.american.edu
OBJECTIVES:

Provide University Background

- Identify upcoming design and construction projects
- Discuss any changing University policies
- Identify Points of contact/Websites
• George Mason University is Virginia’s largest public research university.

• Located near Washington, D.C., Mason enrolls more than 35,000 students from 130 countries and all 50 states. 2016 Freshman facts:
  • Largest freshman class ever
  • Highest academic standing

• Mason has grown rapidly over the past half-century and is recognized for its innovation and entrepreneurship, remarkable diversity, and commitment to accessibility.

• Mason is also one of the best values in higher education, producing graduates who lead all Virginia schools with the highest annual salaries.
### Facilities Projects Listing

<table>
<thead>
<tr>
<th>Project #</th>
<th>Project Name</th>
<th>Scope(sf)</th>
<th>Total Budget</th>
<th>Construction Start date</th>
<th>Occupancy date</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Construction</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>1</td>
<td>Central Utility Plant Expansion</td>
<td>New: 4,500, Reno: 6,000</td>
<td>$10,381,527</td>
<td>4/20/2015</td>
<td>5/15/2016</td>
</tr>
<tr>
<td>2</td>
<td>Potomac Science Center</td>
<td></td>
<td>$32,579,166</td>
<td>10/1/2014</td>
<td>3/1/2017</td>
</tr>
<tr>
<td>3</td>
<td>Health Sciences - Academic VII</td>
<td>166,000</td>
<td>$67,686,799</td>
<td>6/2/2015</td>
<td>10/9/2017</td>
</tr>
<tr>
<td><strong>Design</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>4</td>
<td>Johnson Center Dining Phase II</td>
<td></td>
<td>$4,000,000</td>
<td>2/15/2017</td>
<td>8/17/2017</td>
</tr>
<tr>
<td>5</td>
<td>PPEA Discovery Hall Ph II &amp; Fitout</td>
<td>18,000</td>
<td>$3,800,000</td>
<td>5/16/2017</td>
<td>11/30/2017</td>
</tr>
<tr>
<td>6</td>
<td>Hazel Hall Library Renovation - 1st and 2nd Floors</td>
<td></td>
<td>$2,600,000</td>
<td>8/5/2017</td>
<td>12/15/2017</td>
</tr>
<tr>
<td>7</td>
<td>Hylton Center Addition*</td>
<td>CM at Risk</td>
<td>$9,043,000</td>
<td>4/1/2017</td>
<td>4/1/2018</td>
</tr>
<tr>
<td><strong>Planning</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>8</td>
<td>Life Sciences - Bull Run Add DPB</td>
<td>New: 100,000, Reno: 23,000</td>
<td>$61,500,000</td>
<td>8/1/2018</td>
<td>9/1/2020</td>
</tr>
<tr>
<td>9</td>
<td>Improve Utility Distribution Infrastructure Fairfax*</td>
<td>CM at Risk</td>
<td>$49,160,000</td>
<td>7/1/2018</td>
<td>3/1/2021</td>
</tr>
<tr>
<td>10</td>
<td>Renovate Robinson Hall and Harris Theater (Phased)*</td>
<td>CM at Risk</td>
<td>$111,790,000</td>
<td>4/1/2018</td>
<td>5/1/2022</td>
</tr>
<tr>
<td>11</td>
<td>Improve Network Infrastructure</td>
<td></td>
<td>$10,000,000</td>
<td>7/1/2019</td>
<td>8/15/2021</td>
</tr>
<tr>
<td><strong>Grand Total This Report</strong></td>
<td></td>
<td>615,725</td>
<td>59,500</td>
<td>362,540,492</td>
<td></td>
</tr>
</tbody>
</table>

*Construction Contractor selection has not yet occurred  
Planning Funds Only  
A/E not yet selected
CAPITAL OUTLAY REQUEST 2017-2019

Improve Network Infrastructure – Phase 1 $10,000,000

Increase data network survivability by:
• Designing and constructing remediation measures for network single points of failure and
• Constructing upgrades needed to bring the network closer to the campus standards.

Renovations & Conversion of INTO Mason Global Center Ballrooms $ 3,400,000

Convert two ballrooms within the INTO Mason Global Center into 13 classrooms.

Renovations to Bull Run Hall for Science & Engineering Labs $ 3,100,000

Convert recently vacated wet lab research space into
• New biology instructional lab
• New chemistry instructional lab
• Two new mechanical engineering instructional labs and a mechanical engineering classroom.
• Faculty offices
UPCOMING PLANNING STUDIES

• West Campus and South West Sector Charrette (Fairfax)

• Housing Demand Study – determine need for additional housing on or off campus in all locations

• Arlington Campus Study – look at Arlington Original Building Site
• SWAM Focus
  • Procurement vehicles for small contracts
  • Assistance from primes with subcontracting plans

• Delegated Capital Authority – upcoming for locally funded projects
  • Local Authorization
  • Local standards and approvals
  • Does not establish local permit authority

• How to do business with us
  • https://eva.virginia.gov/
CONTACTS

Thomas Calhoun – Vice President of Facilities
tcalhou2@gmu.edu
Cathy (Wolfe) Pinskey – Director of Campus Planning
cwolfe4@gmu.edu
Frank Strike – Director of Project Management and Construction
fstrike@gmu.edu
Tad Drerenberger – Director of Facilities Management
tdrerenb@gmu.edu
Alex Iszard – Associate Director of Contracts
aiszard@gmu.edu
USM Service Centers

- **UMD Baltimore**
  - Towson
  - Coppin State
  - University of Baltimore
  - UMBC

- **UMD College Park**
  - Bowie State
  - Frostburg State
  - UMES
  - Salisbury
  - UMCES
  - UMUC
  - USM
UMD Facilities Management (800+ staff)

- Departments
  - Building & Landscape Maintenance
  - Design & Construction
  - Engineering & Energy
  - Facilities Administration
  - Facilities Planning
  - Human Resources
  - Operations & Maintenance

Website: www.facilities.umd.edu
Department of Design & Construction

- Executive Director: William Olen
  - Associate Directors
  - UMD Projects < $5M
  - UMD and Client Institution Projects > $5M
  - Design Services
  - Technical & Administrative Support
  - Staff: ~125

- 21 members of departments staff are LEED certified professionals, 5 are also Green Globes professionals.

- 30 professional architects, landscape architects and engineers on staff
Design & Construction

- Projects across the state, about half of dollar value at UMD
- New construction and building renovations
- 62 Capital projects valued at $1.9B
- >7 projects valued > $100M

Construction Methods:
- Construction Management at Risk
- Design/Build
- Design/Bid/Build
- JOC
Design & Construction

- Capital Projects > $100M include:
  - UMD Cole Field House Renovation at UMD $155M
  - UMD Brendan Iribe Center at UMD $142M
  - UMD Clark Hall at UMD $159M
  - UMD St. John Learning & Teaching Center at UMD $119M
  - BSU Natural Science, Math & Nursing Center at BSU $102M
  - SU Academic Commons at SU $117M
  - USG Bio-medical Building at USG $162M
Edward St John Learning & Teaching Center – 184K GSF
ASG designer – Clark CM@R
The New Cole Field House
Cannon designer - Gilbane CM@R
Sustainability

• 2007 – UMD President signs the American College and University Presidents Climate Commitment

• 2008 – Governor of Maryland signs the High Performance Buildings Act

• 2014 – Governor of Maryland signs the bill allowing the use of the IgCC
Pending awards in early 2016
- CM@R for SMHEC
- Full service A/E IDC
- SBR A/E contract
- A/E for Public Policy Building

Upcoming solicitations in 2016
- A/E for FSU Health Education Building
- A/E for UMES School of Pharmacy
- CM-D/B for FSU Housing Project
- On-Call D/B for projects < $5M
- MEP IDC
- CM@R for Public Policy building
USM A/E Selection Procedure

Project Approach

• Phase I – Portfolio review
• Phase II
  • Documentation (330s, etc.)
• Phase III
  • Interview/Oral Presentation (if documentation is complete)
• Phase IV
  • Fee Negotiation
• Goal is that process is completed in ~ 6 months
Procurement Opportunities

- Register with eMaryland Marketplace
  www.emarylandmarketplace.com

- www.facilities.umd.edu/capitalprojects
Safety

• FM’s goal is an accident-free workplace
Questions?
WBC Evening Program Sponsors

Corporate Sponsor

Steel Sponsor

Steel Sponsor

Steel Sponsor

Concrete Sponsor

Concrete Sponsor

Concrete Sponsor

Concrete Sponsor

Concrete Sponsor

Concrete Sponsor

Concrete Sponsor

PGAL