



TOPIC: University System of Maryland: Review of Capital Improvement Projects

COMMITTEE: Finance

DATE OF COMMITTEE MEETING: October 6, 2011

SUMMARY: This report provides information on the status of capital improvement projects systemwide. Included are contract awards, completions, and detailed project schedules. The attached report reflects activity for the eight month period ending August 31, 2011. Highlights include:

- Four design awards (\$10.1 million)
 - Three design awards to Maryland firms (\$8.8 million)
- Twenty-one construction awards (\$100.6 million)
 - Seventeen construction awards to Maryland firms (\$97.5 million)
- Twenty-seven project completions (\$572.1 million)

ALTERNATIVE(S): This is an information item.

FISCAL IMPACT: This is an information item.

CHANCELLOR'S RECOMMENDATION: This is an information item.

COMMITTEE RECOMMENDATION: Accepted for information purposes.

DATE: 10/06/11

BOARD ACTION:

DATE:

SUBMITTED BY: Joseph F. Vivona (301) 445-1923

PROGRESS OF CAPITAL IMPROVEMENT PROJECTS
(For the period ending August 31, 2011)

This report provides information on capital projects systemwide, excluding energy performance contracts. Projects are funded through a variety of sources: State capital and operating funds, including facilities renewal; internal funding through the System Funded Construction Program (SFCP); private funds; and federal grants. This report is a summary of contract awards, project completions and project schedules for the eight month period ending August 31, 2011. Only large facilities renewal projects are included in this report.

ONGOING PROJECTS:

As of August 31, 2011, there are a total of 38 projects systemwide in design or construction that are managed by the service centers.

CONTRACT AWARDS:

a. Design Awards

Four design contracts in the amount of \$10.1 million were awarded during the eight-month period ending August 31, 2011. All but \$1.3 million was awarded to Maryland firms.

| | | |
|------|---|-------------|
| UMCP | Cambridge Community HVAC Upgrades (Elkton Hall) | \$1,084,177 |
| TU | Ward and West Hall Renovation | \$818,969 |
| UMES | Engineering and Aviation Science Bldg. | \$5,548,708 |
| UMUC | Inn and Conference Center Renovation | \$2,731,668 |

b. Construction Awards, Including Design/Build and Construction Management

Twenty-one construction awards for a total of \$100.6 million were made during the eight-month period ending August 31, 2011. All but \$3.06 million was awarded to Maryland firms.

| | | |
|------|---|--------------|
| UMB | School of Nursing 7th Fl. HVAC and Lab Renovations | \$1,063,120 |
| UMCP | Cambridge Community HVAC Upgrades (Elkton Hall) (pre-construction services) | \$47,000 |
| UMCP | Washington Post Bldg. Renovation | \$3,153,127 |
| UMCP | Mowatt Lane Improvement, Ph 2 | \$592,000 |
| UMCP | Shuttle Bus Bldg., Lot 4I | \$5,810,210 |
| UMCP | Bio-Psych Renovation | \$1,208,408 |
| UMCP | Heavy Equipment Repair Bldg. | \$2,598,568 |
| UMCP | Fraternity/Sorority Renovation, Ph 9 | \$10,987,538 |
| BSU | New Student Center (pre-construction services) | \$240,500 |
| BSU | Campuswide Electrical Upgrades | \$2,081,000 |
| TU | Towson Center Arena Addition/Renovation | \$12,108,272 |
| TU | Renovation of Newell and Richmond Halls | \$11,562,794 |
| TU | Burdick A/C, Ph 2 | \$4,986,926 |
| TU | Ward and West Hall Renovation (pre-construction fees) | \$90,000 |
| FSU | Gray Hall Renovation | \$909,260 |
| SU | Maggs Hall HVAC Renovation | \$1,102,500 |
| SU | Chester and Choptank Residence Halls Renovations | \$1,062,441 |
| UB | Law School | \$31,377,769 |
| UMUC | Student/Faculty Services Center Renovation | \$9,415,663 |
| UMUC | Inn and Conference Center Renovation (pre-construction fees) | \$147,271 |
| UMBC | Terrace and Hillside Apt. Renovations (pre-construction fees) | \$65,000 |

PROGRESS OF CAPITAL IMPROVEMENT PROJECTS
(For the period ending August 31, 2011)

PROJECT COMPLETIONS:

Twenty-seven projects for a total cost of \$572.1 million were completed in the eight-month period ending August 31, 2011.

| | |
|-------|---|
| UMB | Pharmacy Hall Renovation |
| UMCP | Maryland Neuroimaging Ctr., Avrum Gudelsky Bldg. |
| UMCP | HJ Patterson 3rd Fl, Wing 2 Renovation |
| UMCP | Oakland Hall (650 bed residence hall) |
| UMCP | High Rise Residence Halls Renovation: Easton A/C |
| UMCP | High Rise Residence Halls Renovation: Denton Hall |
| UMCP | Shoemaker Bldg. Renovation |
| UMCP | Van Munching South Addition for Career Services |
| UMCP | MFRI Aberdeen Training Center |
| UMCP | Engineering Lab Bldg. Renovation for UMERG |
| UMCP | Bio-Psych Bldg. HVAC Renov./Research Animal Space |
| UMCP | North Gate Park |
| BSU | New Fine and Performing Arts Center |
| TU | New College of Liberal Arts |
| TU | West Village Dining Commons |
| TU | West Village Parking Structure |
| TU | West Village Housing, Ph 2 |
| FSU | Lane Center Addition/Renovation |
| CSU | Quad Project |
| CSU | Data Center Expansion |
| SU | Seagull Square |
| SU | Perdue School of Business |
| SU | Wicomico Hall |
| SU | Nanticoke Hall Renovation |
| UMBC | Patapsco Add'n/Renovation |
| UMBC | Parking System Improvements (Way-finding component) |
| UMCES | Environmental Information Center |

PROJECT SCHEDULE The attached information represents schedules for ongoing and planned activities in the FY2013 Capital Improvement Program and the FY2012 System Funded Construction Program.

USM PROJECT STATUS REPORT ON MAJOR CONSTRUCTION PROJECTS: August 31, 2011

| STATE-FUNDED CIP PROJECTS | | | | | | | | | | | |
|--|---|------|----------------------|--------------------|--------------|-----------------|--------------------|------------------------|------------------------------|--|-----------------------------|
| SYSTEM-FUNDED NON-STATE/AUXILIARY PROJECTS | | | | | | | | | | | |
| Institution | Project | Code | Estimated Total Cost | Budget Designation | Design Start | Delivery Method | Construction Start | Substantial Completion | Total Appropriations To-Date | Funding Source | Future Funding Requirements |
| UMB | Health Sciences Facility III | 1 | 283,575,000 | State/NBF | 12/11 | | 7/13 | 7/18 | 8,000,000 | MCCBL 11; NBF | 275,575,000 |
| UMCP | Physical Sciences Complex, Ph 1 * | 1 | 126,474,000 | State/NBF | 8/07 | CM | 6/10 | 9/13 | 91,624,000 | MCCBL: 06,08,09,10, 11; 29th, 32nd Bond Resolution | 34,850,000 |
| CSU | New Science and Technology Center | 1 | 118,138,000 | State | 4/10 | 6/10-CM | 8/12 | 8/14 | 22,533,000 | MCCBL: 08,09,10 | 95,605,000 |
| UB | New Law Center | 3 | 107,492,000 | State/NBF | 3/09 | CM | 8/10 | 1/13 | 103,242,000 | MCCBL: 08,09,10,11; NBF | 4,250,000 |
| UMES | New Engineering and Aviation Science Bldg. | 1 | 92,018,000 | State | 8/11 | CM | 6/13 | 6/15 | 6,600,000 | MCCBL: 10,11 | 80,150,000 |
| UMBC | Performing Arts and Humanities Facility, Ph 1 | 1/3 | 84,175,000 | State | 2/07 | CM | 7/10 | 7/12 | 84,175,000 | MCCBL: 05,06,07,10,11; AFBA 11 | 0.00 |
| UMBC | Performing Arts and Humanities Facility, Ph 2 | 1/3 | 77,250,000 | State | 7/11 | CM | 7/12 | 7/14 | 2,600,000 | MCCBL 10 | 74,650,000 |
| TU | Towson Center Arena Addition/Renovation | 3 | 68,000,000 | SFCP | 8/07 | 9/08-CM | 3/11 | 4/13 | 68,000,000 | 33rd, 27-29th Bond Resolution/Cash | 0.00 |
| UMCP | Caroline, Carroll, Wicomico Residence Halls Replacement | 1 | 66,780,000 | SFCP | 11/11 | D/B | 6/12 | 4/14 | 15,700,000 | 33rd Bond Resolution and Cash | 51,080,000 |
| FSU | Communication and Info Tech. Center | 3 | 66,619,000 | State | 4/10 | CM | 1/12 | 1/14 | 14,935,000 | MCCBL: 06,10,11 | 51,684,000 |
| UMBC | Residential Community Renovations: Hillside & Terrace Apartments w/Community Center | 1/3 | 43,400,000 | SFCP | 2/11 | | 12/11 | 8/13 | 26,150,000 | 33rd Bond Resolution | 17,250,000 |
| BSU | New Student Center | 1 | 41,720,000 | SFCP | 6/10 | CM | 1/12 | 6/13 | 41,720,000 | 28th, 29th, 32nd, 33rd Bond Resolution | 0.00 |
| UMCP | Cambridge Community HVAC Upgrades (aka High Rise Residence Hall A/C) * | 3 | 40,340,000 | SFCP | 1/11 | D/B | 5/12 | 8/17 | 19,480,000 | 33rd, 32nd Bond Resolution/Cash | 20,860,000 |
| TU | Campuswide Safety and Circulation Improvements, Ph1 | 3 | 19,574,000 | State | 8/07 - ph1 | CM | 8/08 - ph1 | 02/12-ph1 | 19,574,000 | MCCBL: 06,08; AFBA08 | 0.00 |
| TU | Residence Facilities Renovation (Newell, Richmond) | 3 | 18,800,000 | SFCP | 3/10 | CM | 6/11 | 7/12 | 18,800,000 | 29th, 32nd, 33rd Bond Resolution | 0.00 |
| SU | Chester/Choptank Hall Renovation | 3 | 17,967,700 | SFCP | 7/11 | D/B | 4/12 | 8/12 | 8,317,700 | 33rd, 32nd Bond Resolution | 9,650,000 |

| Institution | Project | Code | Estimated Total Cost | Budget Designation | Design Start | Delivery Method | Construction Start | Substantial Completion | Total Appropriations To-Date | Funding Source | Future Funding Requirements |
|-------------|--|------|----------------------|--------------------|--------------|-----------------|--------------------|------------------------|------------------------------|----------------------------------|-----------------------------|
| CSU | Garage | 1 | 15,600,000 | SFCP/Other | 9/07 | GC | 1/12 | 5/13 | 15,600,000 | 29th, 27th, 26th Bond Resolution | 0.00 |
| TU | Campuswide Safety and Circulation Improvements, Ph2 | 3 | 15,076,000 | State | 7/11 - ph2 | CM | 8/12 - ph2 | 02/14-ph2 | 1,200,000 | MCCBL 11 | 13,876,000 |
| TU | Burkshire Improvements (3 phases) | 3 | 15,000,000 | SFCP | 9/10 | CM | 8/11 | 1/12 | 15,000,000 | Cash | 0.00 |
| UMCP | Fraternity/Sorority Houses Renovation, Ph 9 | 3 | 13,730,000 | SFCP | 6/10 | D/B | 7/11 | 7/12 | 13,730,000 | 29th, 32nd Bond Resolution | 0.00 |
| TU | Ward/West Halls Renovations | 3 | 10,500,000 | SFCP | 6/11 | CM | 5/12 | 8/13 | 10,500,000 | 28th Bond Resolution; Cash | 0.00 |
| UMCP | High Rise Residence Hall A/C, Ph 2 (aka Elkton Hall Renovation) | 5 | 10,155,000 | SFCP | 8/10 | CM | 10/11 | 8/13 | 10,155,000 | 29th, 32nd, 33rd Bond Resolution | 0.00 |
| UMCP | Pocomoke Bldg. Renovation | 3 | 8,880,000 | SFCP | 10/10 | CM | 1/12 | 1/13 | 8,880,000 | Cash | 0.00 |
| UMCP | Journalism Bldg. Renovation (aka Chincoteague Hall) | 3 | 8,012,000 | State/Other | 4/09 | CM | 8/10 | 10/11 | 8,012,000 | F.R./Cash | 0.00 |
| TU | Public Safety Building | 1 | 8,000,000 | SFCP | 6/10 | CM | 10/11 | 12/12 | 8,000,000 | Cash | 0.00 |
| UMB | Pratt Street Garage Renovation | 3 | 7,000,000 | SFCP | 9/11 | | 3/12 | 3/15 | 7,000,000 | 33rd Bond Resolution | 0.00 |
| UMCP | Shuttle Bus Bldg. - Lot 41 | 1 | 6,737,000 | SFCP | 3/10 | CM | 6/11 | 4/12 | 6,737,000 | Cash | 0.00 |
| TU | Burdick A/C, Ph 2 | 3 | 5,000,000 | SFCP | 9/10 | CM | 6/11 | 9/11 | 5,000,000 | 32nd Bond Resolution | 0.00 |
| BSU | Campuswide Site Improvements, Ph 2 (Sidewalks, Landscape, Lighting) | 5 | 4,081,000 | State | 10/10 | GC | 7/12 | 1/13 | 1,957,000 | MCCBL 10, 11 | 2,124,000 |
| UMCP | CSPAC SCUB Line Replacement | 5 | 4,060,000 | State | 9/09 | CM | 3/11 | 12/11 | 4,060,000 | FR | 0.00 |
| UMCP | Washington Post Bldg. Renov. (aka Severn Bldg. Renov.; East Campus Relocation Funds) | 3 | 3,795,000 | State | 3/10 | CM | 3/11 | 9/11 | 3,795,000 | MCCBL: 09,10 | 0.00 |
| BSU | Electrical Upgrades (formerly Campuswide Site Improve., Ph 2) | 5 | 3,237,000 | State | 3/10 | GC | 3/11 | 11/11 | 3,237,000 | MCCBL: 09 | 0.00 |
| UMCP | Heavy Equipment Repair Facility (part of East Campus Relocation) | 1 | 3,105,000 | State | 8/10 | CM | 5/11 | 11/11 | 3,105,000 | MCCBL: 09,10 | 0.00 |
| TU | Burdick Renovation, Ph 3 | 3 | 15,000,000 | SFCP | 3/12 | | 1/13 | 1/14 | 1,500,000 | 33rd Bond Resolution | 13,500,000 |

| Institution | Project | Code | Estimated Total Cost | Budget Designation | Design Start | Delivery Method | Construction Start | Substantial Completion | Total Appropriations To-Date | Funding Source | Future Funding Requirements |
|-------------|--|------|----------------------|--------------------|--------------|-----------------|--------------------|------------------------|------------------------------|----------------------------|-----------------------------|
| UMCP | Denton Community Quadrangle | 3 | 2,000,000 | SFCP | 1/11 | CM | 3/12 | 8/12 | 2,000,000 | Cash | 0.00 |
| UMCES | Research Pier Repairs - CBL | 3 | 1,702,622 | SFCP/Other | 1/11 | GC | 12/11 | 8/12 | 1,702,622 | Cash/Fed. Grant | 0.00 |
| UMB | Howard Hall Renovation, 6th Floor | 3 | 1,700,000 | Other | 6/10 | CM | 6/11 | 3/12 | 1,700,000 | Grant | 0.00 |
| UMBC | Replacement of Communication Tower | 1 | 1,560,000 | SFCP | 9/11 | | 3/12 | 8/12 | 1,560,000 | 33rd Bond Resolution | 0.00 |
| BSU | Regional Stormwater Facility | 3 | 1,363,590 | State/Other | | CM | 5/10 | 11/11 | 1,193,590 | MCCBL: 00,01,02,09 | 0.00 |
| UMCP | Terrapin Trail Garage Renovation | 3 | 1,000,000 | Other | 1/10 | GC | 6/10 | 8/12 | 1,000,000 | Cash | 0.00 |
| UMCP | Mowatt Lane Improvement, Ph 2 | 5 | 1,000,000 | SFCP | 1/09 | GC | 8/11 | 10/11 | 1,000,000 | Cash | 0.00 |
| UMBC | Parking System Improv. (Surface Lot Component) | 5 | 500,000 | SFCP | 7/10 | GC | 5/11 | 9/11 | 500,000 | 29th Bond Resolution | 0.00 |
| SU | Seyern Hall HVAC Renovations | 3 | 250,000 | SFCP | 11/10 | GC | 5/13 | 8/13 | 250,000 | 32nd, 29th Bond Resolution | 0.00 |

Total Program (State and non-State/ Auxiliary)

\$1,440,366,912

Estimated Economic Impact (full-time jobs):

5,401

Jobs supported by the capital program per DBM formula of 7.5 FTE direct (construction-related) jobs per \$1M investment divided by a rough average duration of construction from award through completion of 2 years

- Codes:**
- 1 New facility
 - 2 Addition/Expansion/Extension
 - 3 Renovation or Replacement
 - 4 Alterations and Addition
 - 5 Infrastructure

Total cost: Total estimated project cost including planning, construction & equipment.
Start design: Date of BPW approval of architect/engineer.
Construction Start: Date of BPW approval of contractor.
Completion: Date of substantial completion/beneficial occupancy.

KEY **NBF** = Non-budgeted funds; **MCCBL** = State General Obligation Bonds; **AFBA** = Academic Revenue Bonds (approved by State);
USM Bonds = USM Auxiliary Revenue Bonds; **CASH** = Institutional funding, including cash and plant funds

* Funding for the Computer and Space Sciences and Residence Hall SCUB Expansion has been split between two projects: The Physical Sciences Bldg. and the Cambridge Community HVAC Upgrades.