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

**COMMITTEE:** Finance

**DATE OF COMMITTEE MEETING:** March 29, 2012

**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 six month period starting September 1, 2011 and ending February 29, 2012. Highlights include:

- Three design awards (\$3.4 million)
- Two design awards to Maryland firms (\$2.4 million)
- Nine construction awards (\$95.4 million)
- Seven construction awards to Maryland firms (\$61 million)
- Nine project completions (\$60.4 million)

**ALTERNATIVE(S):** This is an information item.

**FISCAL IMPACT:** This is an information item.

**CHANCELLOR'S RECOMMENDATION:** This is an information item.

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COMMITTEE RECOMMENDATION: This item was accepted for information purposes.  
DATE: 3/29/12

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BOARD ACTION: DATE:

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

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**PROGRESS OF CAPITAL IMPROVEMENT PROJECTS**  
(For the period ending February 29, 2012)

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 six-month period beginning September 1, 2011 and ending February 29, 2012. Only large facilities renewal projects are included in this report.

**ONGOING PROJECTS:**

As of February 29, 2012, there are a total of 37 projects systemwide in design or construction that are managed by the service centers.

**CONTRACT AWARDS:**

a. Design Awards

Three design contracts in the amount of \$3.4 million were awarded during the six-month period ending February 29, 2012. All but \$1 million was awarded to Maryland firms.

UMCP	Prince Frederick Hall	\$2,259,610
UMCP	South Campus Water Line	\$152,570
TU	Campuswide Site and Safety Improve., Ph 2	\$1,019,884

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

Nine construction awards for a total of \$95.4 million were made during the six-month period ending February 29, 2012. All but \$34 million was awarded to Maryland firms.

UMCP	South Campus Water Line (pre-construction services only)	\$24,600
UMCP	Elkton Hall A/C	\$6,576,677
BSU	New Student Center	\$34,020,363
TU	Smith Biochem Bldg. Renovation	\$828,120
TU	Public Safety Bldg.	\$7,320,120
TU	Towson Center Arena	\$40,243,570
UMES	Engineering & Aviation Sciences Bldg. (pre-construction services only)	\$395,700
UMES	Renovation of Residential Housing	\$1,123,726
UMBC	Terrace & Hillside Apts. Renovation/Community Center	\$4,961,296

**PROJECT COMPLETIONS:**

Nine projects for a total cost of \$60.4 million were completed in the six-month period ending February 29, 2012.

UMCP	Journalism Building Renovation
UMCP	CSPAC SCUB Line Replacement
UMCP	Severn Building Renovation (East Campus Relocation)
UMCP	Heavy Equipment Repair Facility (East Campus Relocation)
BSU	Regional Stormwater Facility
TU	Campuswide Safety and Circulation Improve., Ph 1
TU	Burkshire Improvements
TU	Burdick A/C, ph2
UMBC	Parking System Improve. (Surface Lot Component)

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

USM PROJECT STATUS REPORT ON MAJOR CONSTRUCTION PROJECTS: February 29, 2012

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	283,600,000	State/NBF	5/12		7/13	7/18	8,000,000	MCCBL 11; NBF	275,600,000
UMCP	Physical Sciences Complex, Ph 1	1	128,774,000	State/NBF	8/07	CM	6/10	9/13	91,624,000	MCCBL: 06,08,09,10, 11; Cash	37,150,000
CSU	New Science and Technology Center	1	120,358,000	State	4/10	6/10-CM	8/12	8/14	22,533,000	MCCBL: 08,09,10	97,825,000
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	6/14	6/16	6,600,000	MCCBL: 10,11	85,418,000
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	75,275,000	State	7/11	CM	4/12	7/14	2,600,000	MCCBL 10	72,675,000
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	Prince Frederick Hall (aka 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	66,735,000	State	4/10	CM	11/11	1/14	14,935,000	MCCBL: 06,10,11	51,800,000
UMBC	Residential Community Renovations: Hillside & Terrace Apartments w/Community Center	1/3	50,174,000	SFCP	2/11	CM	12/11	9/13	26,150,000	33rd Bond Resolution	24,024,000.00
BSU	New Student Center	1	42,700,000	SFCP	6/10	CM	1/12	7/13	42,700,000	28th, 29th, 32nd, 33rd Bond Resolution; Cash	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	Residence Facilities Renovation (Newell, Richmond)	3	22,800,000	SFCP	3/10	CM	6/11	12/12	22,800,000	29th, 32nd, 33rd & future Bond Resolution	0.00
SU	Chester/Choptank Hall Renovation	3	15,817,700	SFCP	7/11	D/B	5/12	7/13	8,317,700	33rd, 32nd Bond Resolution	7,500,000

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
CSU	Garage	1	15,600,000	SFCP/Other	9/07	GC	9/12	3/14	15,600,000	29th, 27th, 26th Bond Resolution	0.00
TU	Campuswide Safety and Circulation Improvements, Ph2	3	15,076,000	State	2/12	CM	12/12	9/14	1,200,000	MCCBL 11	13,876,000
TU	Burdick Renovation, Ph 3	3	15,000,000	SFCP	9/12		9/13	8/14	1,500,000	33rd Bond Resolution	13,500,000
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	Cash	0.00
UMCP	High Rise Residence Hall A/C, Ph 2 (aka Elkton Hall Renovation)	5	10,155,000	SFCP	8/10	CM	2/12	8/13	10,155,000	29th, 32nd, 33rd Bond Resolution	0.00
UMCP	Pocomoke Bldg. Renovation	3	9,000,000	SFCP	10/10	GC	6/12	6/13	5,392,000	Cash	3,608,000
TU	Public Safety Building	1	8,000,000	SFCP	6/10	CM	10/11	12/12	8,000,000	Cash	0.00
UMCP	University House	3	7,200,000	SFCP	12/10	D/B	9/11	7/12	7,200,000	Cash	0.00
UMB	Pratt Street Garage Renovation	3	7,000,000	SFCP	1/09		3/12	8/13	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
SU	Severn Hall HVAC Renovations	3	5,273,000	SFCP	11/10	GC	5/13	8/13	273,000	32nd, 29th & 28th Bond Resolution	5,000,000
BSU	Campuswide Site Improvements, Ph 2 (Sidewalks, Landscape, Lighting)	5	4,057,000	State	10/10	GC	4/12	3/13	1,957,000	MCCBL 10, 11	2,100,000
BSU	Electrical Upgrades (formerly Campuswide Site Improve., Ph 2)	5	3,237,000	State	3/10	GC	3/11	4/12	3,237,000	MCCBL: 09	0.00
UMCP	Severn Bldg. Renovation	3	3,550,000	State/Cash	4/11	CM	12/11	5/12	3,550,000	MCCBL:11; Cash	0.00
UMCP	South Campus Water Main (part of campuswide bldg. systems & infrastructure improvements)	5	2,400,000	State/Cash	10/11	CM	5/12	10/12	1,910,000	MCCBL: 11; Cash	490,000
UMCP	Denton Community Quadrangle	3	2,000,000	SFCP	1/11	CM	6/12	10/12	2,000,000	Cash	0.00

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
UMCES	Research Pier Repairs - CBL	3	1,702,622	Other	1/11	GC	3/12	11/12	1,702,622	Fed. Grant	0.00
UMB	Howard Hall Renovation, 6th Floor	3	1,700,000	Other	6/10	CM	4/12	4/13	1,700,000	Grant	0.00
UMBC	Replacement of Communication Tower	1	1,560,000	SFCP	7/12	D/B	1/13	6/13	1,560,000	33rd Bond Resolution	0.00
UMCP	Terrapin Trail Garage Renovation	3	1,200,000	Other	1/10	GC	6/12	8/12	1,200,000	Cash	0.00
UMES	Renovation of Residential Complex Cluster 1	3	1,124,000	Other			2/12	6/12	1,124,000	Cash	0.00
UMCP	ICA Field Renovation	3	1,000,000	SFCP	4/11	GC	5/12	8/12	1,000,000	Cash	0.00

**Total Program (State and non-State/ Auxiliary)**

**\$1,411,840,322**

**Estimated Economic Impact (full-time jobs):**

**5,294**

*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