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

**COMMITTEE:** Finance

**DATE OF COMMITTEE MEETING:** September 13, 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 five-month period starting March 1, 2012 and ending July 31, 2012. Highlights include:

- Two design awards to Maryland firms (\$5.9 million)
- Eight construction awards to Maryland firms (\$101.5 million)
- Three project completions (\$94.4 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: Accepted for information purposes. DATE: 9/13/2012

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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 July 31, 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 five-month period beginning March 1, 2012 and ending July 31, 2012. Only construction projects that are \$1 million, or greater, are included in this report.

**ONGOING PROJECTS:**

As of July 31, 2012, there are a total of 35 projects systemwide in design or construction that are managed by the service centers.

**CONTRACT AWARDS:**

a. Design Awards

Two design contracts in the amount of \$5.9 million were awarded in whole or in-part to Maryland firms during the five-month period ending July 31, 2012.

UMB	Health Sciences Facility, III (thru schematic design)	\$4,106,184
UMCP	St. John Learning & Teaching Ctr. (thru partial design development only)	\$1,800,000

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

Eight construction awards for a total of \$101.5 million were made during the five-month period ending July 31, 2012. All awards were made to Maryland firms.

UMB	Pratt St. Garage Renovation	\$1,982,815
UMCP	South Campus Water Line (GMP)	\$1,393,091
UMCP	Cambridge Community Renovation, D/B (GMP)	\$16,286,438
BSU	Campus Site Improvements, ph 2	\$1,568,040
TU	Towson Center Arena 1st Floor Renovation	\$5,079,908
FSU	Ctr. for Communications and IT (GMP)	\$47,214,846
CSU	Science and Technology Center	\$15,283,937
SU	Chester & Choptank Residence Halls Renovations (GMP)	\$12,715,073

**PROJECT COMPLETIONS:**

Three projects for a total cost of \$94.4 million were completed in the five-month period ending July 31, 2012.

UMCP	Shuttle Bus Building - Lot 41
UMCP	Severn Building Renovation
UMBC	Performing Arts and Humanities Facility, Ph 1

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

USM PROJECT STATUS REPORT ON MAJOR CONSTRUCTION PROJECTS: July 31, 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		1/14	7/18	22,672,000	MCCBL 11,12; Cash	260,928,000
TU	Smith Hall Add'n/Renovation	2/3	156,050,000	State	1/13		7/17	7/19	5,700,000	MCCBL 12	150,350,000
UMCP	Physical Sciences Complex, Ph 1	1	126,474,000	State/NBF	8/07	CM	6/10	9/13	121,174,000	MCCBL: 06,08,09,10,11,12; Cash	5,300,000
UMCP	New Bioengineering Bldg.	1	125,670,000	State/NBF	2/13		1/15	1/17	5,000,000	MCCBL 12	120,670,000
CSU	New Science and Technology Center	1	124,358,000	State	4/10	6/10-CM	8/12	8/14	61,308,000	MCCBL 08,09,10,12; AFBA 12	63,050,000
SU	Academic Commons (New Library)	1/3	114,100,000	State/NBF	2/13		6/14	6/16	1,900,000	MCCBL 12	112,200,000
UB	New Law Center	3	107,279,000	State/NBF	3/09	CM	8/10	1/13	107,279,000	MCCBL: 08,09,10,11, 12; NBF	0.00
UMES	New Engineering and Aviation Science Bldg.	1	91,337,000	State	8/11	CM	6/14	6/16	6,600,000	MCCBL: 10,11	84,737,000
BSU	New Natural Sciences Bldg.	1	89,369,000	State	1/13	CM	1/15	1/17	3,100,000	MCCBL 12	86,269,000
TU	Towson Center Arena Addition/Renovation	3	73,000,000	SFCP	8/07	9/08-CM	3/11	4/13	73,000,000	33rd, 27-29th Bond Resolution/Cash	0.00
UMCP	Prince Frederick Hall (aka Caroline, Carroll, Wicomico Residence Halls Replacement)	1	71,291,000	SFCP	11/11	D/B	5/12	4/14	71,291,000	33rd, 34th Bond Resolutions and Cash	0.00
UMBC	Performing Arts and Humanities Facility, Ph 2	1/3	71,275,000	State	7/11	CM	7/12	7/16	35,825,000	MCCBL 10, 12	35,450,000
FSU	Communication and Info Tech. Center	3	66,435,000	State	4/10	CM	11/11	12/13	59,485,000	MCCBL: 06,10,11	6,950,000

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	St. John Learning & Teaching Ctr.	2/3	55,100,000	State/NBF	7/12	CM	6/14	6/16	2,050,000	MCCBL 12	53,050,000
UMBC	Residential Community Renovations: Hillside & Terrace Apartments w/Community Center	1/3	50,200,000	SFCP	2/11	CM	12/11	9/13	36,000,000	33rd, 34th Bond Resolutions	14,200,000
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	19,698,472	33rd, 32nd Bond Resolution/Cash	20,641,528
TU	Residence Facilities Renovation (Newell, Richmond)	3	25,700,000	SFCP	3/10	CM	6/11	12/12	25,700,000	29th, 32nd, 33rd & 34th Bond Resolutions; Cash	0.00
CSU	Garage	1	15,600,000	SFCP/Other	9/07	GC	10/12	4/14	15,600,000	29th, 27th, 26th Bond Resolution	0.00
SU	Chester/Choptank Hall Renovation	3	15,050,001	SFCP	7/11	D/B	5/12	6/13	15,050,001	34th, 33rd, 32nd Bond Resolution	0.00
TU	Campuswide Safety and Circulation Improvements, Ph2	3	15,012,000	State	2/12	CM	3/13	8/14	7,200,000	MCCBL 11, 12	7,812,000
TU	Burdick Renovation, Ph 3	3	15,000,000	SFCP	10/12		9/13	8/14	15,000,000	33rd, 34th Bond Resolutions	0.00
UMCES	Truitt Lab (New Environmental Sustainability Lab)	3	14,397,000	State	10/12	CM	6/14	10/15	1,150,000	MCCBL 12	13,247,000
UMCP	Fraternity/Sorority Houses Renovation, Ph 9	3	13,730,000	SFCP	6/10	D/B	7/11	8/12	13,730,000	29th, 32nd Bond Resolution	0.00
UMBC	Campus Traffic Safety & Circulation Improvements	5	12,806,000	State	1/13		6/14	8/15	1,000,000	MCCBL 12	11,806,000
UMCP	High Rise Residence Hall A/C, Ph 2 (aka Elkton Hall Renovation)	5	11,505,000	SFCP	8/10	CM	2/12	8/13	11,505,000	29th, 32nd, 33rd and 34th Bond Resolution	0.00
TU	Ward/West Halls Renovations	3	10,500,000	SFCP	6/11	CM	7/12	12/13	10,500,000	Cash	0.00
UMCP	Pocomoke Bldg. Renovation	3	9,000,000	SFCP	10/10	GC	8/12	8/13	5,392,000	Cash	3,608,000

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
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	8/12	7,200,000	Cash	0.00
UMB	Pratt Street Garage Renovation (multi-phase project)	3	7,000,000	SFCP	1/09		3/12	8/13	7,000,000	33rd Bond Resolution	0.00
SU	Severn Hall HVAC Renovations	3	6,929,251	SFCP	11/10	GC	5/13	8/13	1,929,251	34th, 32nd, 29th & 28th Bond Resolution Cash	5,000,000
UMCP	Remote Library Storage	3	6,790,000	State	9/12		9/14	9/15	435,000	MCCBL 12	6,355,000
UMCP	Bldg. & Landscape Serv. Bldg. (East Campus Development)	3	5,480,000	State/Cash	10/12	D/B	2/13	8/13	5,480,000	MCCBL11, Cash	0.00
UMCP	Bio-Psych Replacement Air Handling Units (part of Campus Bldg. Systems & Infrastructure Improve.)	5	5,000,000	State/Cash	2/12	GC	11/12	11/13	5,000,000	MCCBL 12, Cash	0.00
BSU	Campuswide Site Improvements, Ph 2 (Sidewalks, Landscape, Lighting)	5	4,123,000 (ph 1 and 2)	State	10/10	GC	6/12	12/12	4,123,000	MCCBL 10, 11, 12	0.00
UMCP	Denton Community Quadrangle	3	3,650,000	SFCP	1/11	CM	5/12	10/12	3,650,000	Cash	0.00
BSU	Electrical Upgrades (formerly Campuswide Site Improve., Ph 2)	5	3,419,755	State/NBF	3/10	GC	3/11	8/12	3,419,755	MCCBL: 09, Cash	0.00
UMCP	South Campus Water Main (part of Campuswide Bldg. Systems & Infrastructure Improvements)	5	2,810,000	State/Cash	10/11	CM	5/12	11/12	2,810,000	MCCBL: 11; Cash	0.00
UMCP	ICA Field Renovation	3	2,511,920	SFCP	4/11	GC	5/12	8/12	2,511,920	Cash	0.00
UMB	Lexington Garage Elevators & Entrance Modifications	3	2,500,000	SFCP	8/12		1/13	1/15	2,500,000	Cash	0.00
UMCES	Research Pier Repairs - CBL	3	1,702,622	Other	1/11	GC	4/12	12/12	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

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
UMBC	Replacement of Communication Tower	3	1,560,000	SFCP	10/12	D/B	3/13	7/13	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	8/12	1,124,000	Cash	0.00
UMCP	Renovation of Shipley Athletic Field	3	1,000,000	State	1/13		6/13	8/13	1,000,000	MCCBL 12	0.00

Total Program (State and non-State/ Auxiliary)			\$1,916,455,549	Estimated Economic Impact (full-time jobs):				7,187	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		
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Codes:

- 1 New facility
- 2 Addition/Expansion/Extension
- 3 Renovation or Replacement
- 4 Alterations and Addition
- 5 Infrastructure
- CM = Construction Management
- D/B = Design/Build
- GC = General Contractor

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