



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

COMMITTEE: Finance

DATE OF COMMITTEE MEETING: September 11, 2014

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 February 1, 2014 and ending July 31, 2014.

Highlights include:

- Four design awards to Maryland firms (\$10.6 million)
- Sixteen construction awards to Maryland firms (\$36.4 million)
- Four project completions (\$174.7 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: REPORT ACCEPTED

DATE: 9/11/14

BOARD ACTION:

DATE:

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

PROGRESS OF CAPITAL IMPROVEMENT PROJECTS
(For the period ending
July 31, 2014)

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 February 1, 2014 and ending July 31, 2014. Only construction projects that are \$1 million, or greater, are included in this report.

ONGOING PROJECTS:

As of July 31, 2014, there are a total of 45 projects systemwide in design or construction that are managed by the service centers.

CONTRACT AWARDS:

a. Design Awards

Seven design contracts in the amount of \$23.6 million were awarded during the six-month period ending July 31, 2014.

UMB	Langsdale Library Renovation	\$1,690,622
UMCP	McKeldin Mall Landscape Renewal	\$1,447,241
UMCP	Cambridge Hall Renovation	\$1,624,302
BSU	Fieldhouse Extension	\$2,421,186
TU	Burdick Hall Expansion	\$3,347,438
UMBC	Event Center	\$5,202,639
USMO	Biomed Science & Engineering Bldg. @ Shady Grove	\$7,921,483

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

Eighteen construction awards for a total of \$41.8 million were made during the six-month period ending July 31, 2014.

UMB	Medical School Teaching Facility HVAC Upgrades	\$3,260,255
UMCP	Gudelsky Bldg., AHU Replacement	\$2,961,000
UMCP	HJ Patterson Wing 1, Floors 1 thru 4 (pre-construction fees only)	\$126,500
UMCP	Tawes Theater Conversion - GMP	\$4,787,688
BSU	James Gymnasium HVAC Improvements	\$2,399,521
TU	Burdick Hall Expansion - CM	\$180,120
TU	Burkshire Elevators (pre-construction fees only)	\$25,520
TU	Burdick Field Turf Replacement	\$2,391,719
TU	7400 York Rd. Modernization	\$4,013,000
TU	West Village Housing, Ph 3 & 4 - GMP	\$9,050,598
SU	Outdoor Tennis Courts and Parking Lot	\$3,449,968
SU	Athletic Stadium/Complex Renovation (pre-construction fees only)	\$125,100
UB	Langsdale Library Renovation (pre-construction fees)	\$241,500
UMBC	Event Center (pre-construction fees only)	\$859,000
UMBC	Hilltop Surface Parking	\$2,062,544
UMBC	Campus Traffic Safety and Circulation Improvements	\$1,958,994
UMBC	Fine Arts Bldg. Renovation	\$2,959,413
UMCES	Ph 2 Bulkhead Replacement, CBL	\$965,675

PROGRESS OF CAPITAL IMPROVEMENT PROJECTS
(For the period ending
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PROJECT COMPLETIONS:

Four projects for a total cost of \$174.7 million were completed in the six-month period ending July 31, 2014.

UMCP	Prince Frederick Hall
UMCP	Bio-Psych Replace Air Handling Units (part of Campus Bldg. System & Infrastr. Improve.)
TU	Harford Education Center
FSU	Communication and Info Tech Ctr.

PROJECT SCHEDULE The attached information includes schedules for new and ongoing activities in the FY2015 Capital Improvement Program and the FY2014 System Funded Construction Program.

USM PROJECT STATUS REPORT ON MAJOR CONSTRUCTION PROJECTS AS OF JULY 31, 2014

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	305,392,000	State/NBF	5/12	CM-10/12	8/13	9/17	103,242,000	MCCBL 12, 13; 14; 15; Cash	202,150,000
TU	New Science Facility	1	182,600,000	State	8/14	CM	7/16	5/19	5,700,000	MCCBL 12, 13	176,900,000
UMCP	New Bioengineering Bldg.	1	168,500,000	State/NBF	4/13	CM	3/15	3/17	16,960,000	MCCBL 12, 13, 15; Cash	151,540,000
USG	Biomed Sc. & Eng. Ed. Facility	1	162,300,000	State	5/14	CM	3/16	5/18	9,300,000	MCCBL 13,15	153,000,000
UMCP	New Computer Sc. Bldg.	1	138,000,000	State/NBF	1/15	CM	6/16	12/17	3,700,000	Cash	134,300,000
CSU	New Science and Technology Center	1	126,020,000	State	4/10	CM-6/10	8/12	3/15	115,720,000	MCCBL 08,09,10,12,13;15 AFBA 12	10,300,000
UMBC	Interdisciplinary Life Sc. Bldg.	1	123,410,000	State	2/15	CM	3/17	3/19	4,100,000	MCCBL 15	119,310,000
SU	Academic Commons (New Library)	1/3	115,509,000	State/NBF	4/13	D/B	5/14	5/16	55,552,000	MCCBL 12,13,15/Cash	59,957,000
UMCP	Edward St. John Learning & Teaching Ctr.	2/3	112,030,000	State/NBF	7/12	CM	6/14	12/16	36,280,000	MCCBL 12,13 15; Cash	75,750,000
BSU	New Natural Sciences Bldg.	1	104,010,000	State	4/13	CM	2/15	2/17	30,942,000	MCCBL 12,13,15	73,068,000
UMES	New Engineering and Aviation Science Bldg.	1	96,548,000	State	8/11	CM	8/13	8/15	90,050,000	MCCBL: 10,11,13,15	6,498,000
TU	West Village Housing, Ph 3/4	1	85,150,000	SFCP	11/13	CM	8/14	7/16	81,150,000	35th, 36th Bond Resolutions	4,000,000
UMBC	Event Center and Arena	1	85,000,000	SFCP	7/14	CM	12/15	1/18	7,200,000	36th Bond Resolution and Cash	77,800,000
UMBC	Performing Arts and Humanities Facility, Ph 2	1/3	71,931,000	State	7/11	CM	7/12	8/14	71,931,000	MCCBL 10, 12, 13	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
USM	Southern MD Regional HEC	1	59,734,000	State	3/15		1/17	10/18	2,500,000	MCCBL 14,15	57,234,000
TU	Recreation Bldg., Ph 2 (Add'n to Burdick Hall)	1	40,520,000	SFCP	4/14	CM	4/15	4/17	23,620,000	35th, 36th Bond Resolutions	16,900,000
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	29,040,000	35th,33rd, 32nd Bond Resolutions/Cash	11,300,000
UMUC	Renovation of the UMUC Inn & Conference Center (in phases)	3	31,000,000	SFCP		9/12-CM		On Hold	31,000,000	Cash	0.00
UMBC	Residential/Community Renovations: West Hill Apartments	3	22,700,000	SFCP	4/13	CM	10/14	8/16	16,800,000	Cash/Bonds	5,900,000
UMCES	Truitt Lab (aka New Environmental Sustainability Lab)	3	21,635,000	State	1/13	CM	9/14	9/15	14,104,000	MCCBL 12,13,15	7,531,000
USG	New Parking Garage	1	20,000,000	SFCP (Reimbursed by Cty. Grant)	12/13	D/B	1/15	12/15	20,000,000	County Grant	0.00
SU	East Campus Athletic Stadium	1	19,000,000	SFCP	11/13	CM	12/14	1/16	18,000,000	Cash	1,000,000
UMCP	HJ Patterson, Wing 1 Renovation	3	17,437,287	State/Other	7/13	CM	8/15	10/16	17,437,287	MCCBL 13; 15 Grant; Cash; FR; AFBA 15	0.00
TU	Campuswide Safety and Circulation Improvements, Ph2	3	16,362,000	State	2/12	CM	4/13	8/14	16,362,000	MCCBL 11,12,13; Cash	0.00
UB	Langsdale Library Renovation	3	15,975,000	State	6/14		7/15	7/16	3,775,000	MCCBL 13,15	12,200,000
UMCP	Tawes Theatre Conversion	4	15,920,000	SFCP	5/13	CM	6/14	11/15	15,920,000	Cash	0.00
TU	Burdick Renovation, Ph 3	3	15,000,000	SFCP	10/12	CM	6/13	8/14	15,000,000	33rd, 34th Bond Resolutions	0.00
UMBC	Campus Traffic Safety & Circulation Improvements	5	12,968,000	State	4/13	CM	3/14	8/15	12,968,000	MCCBL 12,13,15	0.00
UMBC	Fine Arts Bldg. Renovation	3	12,200,000	SFCP	8/13	CM	5/14	3/17	5,256,000	Cash/FR	6,944,000

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
SU	Athletic Complex Renovation	3	9,500,000	SFCP	4/14	CM	8/15	12/16	2,000,000	Cash	7,500,000
UMB	HSFIII Generator	5	7,000,000	SFCP	4/4		7/16	4/17	7,000,000	Cash	0
UMCP	Remote Library Storage	3	6,319,000	State	11/12	CM	1/15	9/15	6,319,000	MCCBL 12,13	0.00
SU	Tennis Courts Relocation	1	6,100,000	SFCP	12/12	GC	3/14	8/14	6,100,000	Cash	0.00
UMCP	Holzappel Hall Renovation	3	6,000,000	SFCP	6/13	CM	6/14	9/16	6,000,000	Cash	0.00
FSU	Public Safety Facility	3	5,950,000	State	10/14	GC	12/16	12/18	400,000	MCCBL 15	5,550,000
UMES	Greenhouse Replacement	3	5,470,589	SFCP	3/13	GC	12/15	8/16	5,470,589	Cash, Insurance	0.00
TU	Newell Dining Hall Renovation	3	5,000,000	SFCP	12/14	CM	12/15	12/16	5,000,000	Cash	0.00
TU	Burkshire Elevators	5	5,000,000	SFCP	2/14	CM	8/14	1/15	5,000,000	Cash	0.00
TU	7400 York Rd. Modernization	3	5,000,000	SFCP	3/13	GC	8/14	2/15	5,000,000	Cash	0.00
UMBC	Residential/Community Renovations: Potomac Hall	3	4,950,000	SFCP	11/12	CM	7/13	8/14	4,950,000	Cash	0.00
UMB	Elevator/Fire Alarm Improve. In Various Garages	3	4,130,000	SFCP	7/13	GC	1/14	1/17	4,130,000	35th Bond Resolution	0.00
TU	Burdick Field Turf Replacement (3 recreation fields)	5	3,500,000	SFCP	3/14	GC	8/14	12/14	3,500,000	Cash	0.00
TU	New Softball Field Complex	1	3,500,000	State/NBF	11/13	GC	8/14	2/15	3,500,000	MCCBL 14, 15; Cash	0.00
UMCP	McKeldin Mall Landscape Renewal	5	3,000,000	Other	5/14	CM	6/16	5/18	1,500,000	Cash	1,500,000
UMBC	New Surface Parking Lot (300 spaces)	5	2,750,000	SFCP	6/13	CM	4/14	10/14	2,750,000	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	
UMES	Tanner Hall Renovation	3	2,200,000	FR/Grant	2/14	GC	4/16	4/18	558,000	FR	1,642,000	
CSU	Pedestrian Bridge ADA Improve.	3	1,786,000	State	1/14	GC	1/15	7/15	1,786,000	MCCBL 13	0.00	
UMCP	Microbiology Replace Fumehood Exhaust	5	1,700,000	State	9/13	CM	7/14	12/14	1,700,000	MCCBL 12	0.00	
UMBC	Replacement of Communication Tower	5	1,560,000	SFCP	6/13	D/B	9/14	6/15	1,560,000	33rd Bond Resolution	0.00	
BSU	Leonidas James Physical Ed. Complex Renovation	3	1,500,000	State	12/13	GC	9/14	3/15	1,500,000	MCCBL 13	0.00	
UMCES	Bulkhead Rehabilitation	5	1,504,441	State	4/13	GC	6/14	10/14	1,504,441	MCCBL 12; FR, Cash, 33rd Bond Resolution	0.00	
UMCES	Shoreline Restoration	5	1,192,288	State	6/12		TBD	TBD	1,192,288	FR	0.00	
UMCP	Renovation of Shipley Athletic Field (aka Athletic Turf Field (APCE))	5	1,000,000	State	7/15	GC	12/15	2/16	1,000,000	MCCBL 12	0.00	
Total Program (State and non-State/ Auxiliary)			\$2,332,803,605	Estimated Economic Impact (full-time jobs):				8,748	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:
Start design:
Construction Start:
Completion:

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

CM = Construction Management
D/B = Design/Build
GC = General Contractor

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