



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

COMMITTEE: Finance

DATE OF COMMITTEE MEETING: September 10, 2015

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, 2015 and ending July 31, 2015. Highlights include:

- Three design awards (\$17.3 million)
- Two design awards to Maryland firms (\$15.5 million)
- Fourteen construction awards (\$276.6 million)
- Twelve construction awards to Maryland firms (\$249.8 million)
- Six project completions (\$145.2 million)

ALTERNATIVE(S): This item is presented for information purposes.

FISCAL IMPACT: This item is presented for information purposes.

CHANCELLOR'S RECOMMENDATION: This item is presented for information purposes.

COMMITTEE RECOMMENDATION:

DATE:

BOARD ACTION:

DATE:

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

PROGRESS OF CAPITAL IMPROVEMENT PROJECTS
(For the period ending
July 31, 2015)

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, 2015 and ending July 31, 2015. Only construction projects that are \$1 million, or greater, are included in this report.

ONGOING PROJECTS:

As of July 31, 2015, there are a total of 40 projects systemwide in design or construction that are managed by the service centers.

CONTRACT AWARDS:

a. Design Awards

Three design contracts for a total of \$17.3 million were awarded during the six-month period ending July 31, 2015.

UMCP	Cole Fieldhouse Project	\$13,131,205
TU	Residence Tower Renovation	\$2,395,783
UMBC	Interdisciplinary Life Sciences Bldg. (thru schematics)	\$1,855,793

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

Fourteen construction awards for a total of \$276.6 million were made during the six-month period ending July 31, 2015.

UMB	MSTF/Incoming Feeder Upgrade	\$2,019,604
UMCP	Iribe Ctr. for Computer Science/Innovat'n (pre construction fees)	\$65,000
UMCP	Edward St. John Learning/Teaching Ctr., Bid Pkg. 4/5	\$45,612,507
UMCP	Cambridge Hall Renovation	\$11,586,184
UMCP	A. James Clark Hall, Bid Pkg. 1	\$7,681,837
BSU	New Ctr. For Natural Sc., Math. & Nursing (Bid Pkg. 2)	\$56,322,981
TU	Replace Underground Electrical at Towson Center	\$2,276,980
TU	West Village Housing, Ph 3/4, Bid Pkg. 5/6	\$51,803,341
UMES	Renovation of Outdoor Track/Field Facility	\$2,297,000
CSU	Pedestrian Bridge ADA	\$2,267,155
SU	Athletic Stadium & Athletic Complex Renov'n (GMP)	\$15,244,203
SU	Academic Commons (Final GMP)	\$63,211,135
UMBC	Interdisciplinary Life Sciences Bldg. (CM - pre construction fees)	\$1,074,000
USM	Parking Garage #2 at Universities at Shady Grove (GMP)	\$15,218,709

PROJECT COMPLETIONS:

Six projects for a total cost of \$145.2 million were completed in the six-month period ending July 31, 2015.

UMCP	Microbiology Replace Fumehood Exhaust	\$3,100,000
UMCP	Bio-Psychology 1st Floor Renovation	\$4,531,000
BSU	Leonidas James Physical Ed. Complex Renovation	\$2,400,000
TU	New Softball Field Complex	\$4,000,000
TU	7400 York Rd. Modernization	\$5,000,000
CSU	New Science and Technology Center	\$126,202,000

PROJECT SCHEDULE The attached information includes schedules for ongoing activities in the FY2017 Capital Improvement Program and the FY2016 System Funded Construction Program.

USM PROJECT STATUS REPORT ON MAJOR CONSTRUCTION PROJECTS AS OF JULY 31, 2015

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 <u>Architect:</u> Hellmuth, Obata & Kassabaum, DC with Design Collective of MD <u>Contractor:</u> Barton Malow Co., MD	1	305,392,000	State/NBF	5/12	CM-10/12	8/13	9/17	196,842,000	MCCBL 11, 12; 13; 14; 15; Cash	108,550,000
TU	New Science Facility <u>Architect:</u> Cannon Design, MD <u>Contractor:</u> Whiting Turner, MD	1	187,819,000	State	8/14	CM	7/17	5/20	5,700,000	MCCBL 12	182,119,000
UMCP	New Bioengineering Bldg. (aka A. James Clark Hall) <u>Architect:</u> Ballinger of PA <u>Contractor:</u> Clark Construction, MD	1	171,910,000	State/NBF	4/13	CM- 1/15	6/15	6/17	64,460,000	MCCBL 12, 13, 14; 15; AFBA 15; Cash	107,450,000
USG	Biomed Sc. & Eng. Ed. Facility <u>Architect:</u> Cooper Carry, Inc. of Georgia <u>Contractor:</u> Gilbane Bldg. Co., MD	1	162,544,000	State	5/14	CM	3/16	5/18	14,016,000	MCCBL 13, 14, 15	148,528,000
UMCP	Cole Fieldhouse Conversion/Expansion (aka Human Performance & Academic Research Facility) <u>Architect:</u> Cannon Design, MD	2/3	155,000,000	State/NBF	6/15	CM	12/15	6/18	42,000,000	MCCBL 15; Cash	113,000,000
UMCP	Brendan Iribe Ctr. for Computer Science <u>Architect:</u> HDR Architecture, MD	1	142,550,000	State/NBF	1/15	CM	6/16	3/18	35,000,000	Cash	107,550,000
UMBC	Interdisciplinary Life Sc. Bldg. <u>Architect:</u> Ballinger, PA <u>Contractor:</u> Whiting Turner, MD	1	123,202,000	State	4/15	CM- 4/15	4/17	4/19	10,100,000	MCCBL 14, 15	113,102,000
SU	Academic Commons (New Library) <u>Designer/Contractor:</u> Gilbane of MD	1/3	117,088,000	State/NBF	4/13	D/B	5/14	5/16	117,088,000	MCCBL 12,13,14,15; AFBA 15; /Cash	0.00
UMCP	Edward St. John Learning & Teaching Ctr. <u>Architect:</u> Ayers St. Gross of MD <u>Contractor:</u> Clark Construction Group of MD	2/3	112,030,000	State/NBF	7/12	CM	6/14	1/17	106,930,000	MCCBL 12,13, 14, 15; Cash	5,100,000

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
BSU	Natural Sciences Bldg. Architect: Perkins and Will of GA Contractor: Clark Construction, MD	1	102,171,000	State	4/13	CM	2/15	2/17	70,670,000	MCCBL 12,13,14,15	31,501,000
TU	West Village Housing, Ph 3, 4 Architect: Ayers St. Gross, MD Contractor: Whiting Turner, MD	1	100,150,000	SFCP	11/13	CM	8/14	7/16	100,150,000	35th, 36th, 37th Bond Resolutions, Cash	0.00
UMES	New Engineering and Aviation Science Bldg. Architect: Hord Coplan Macht-Freelon of MD Contractor: Holder Construction, VA	1	101,207,190	State	8/11	CM	8/13	10/15	101,207,190	MCCBL: 10,11,13,14,15; Cash	0.00
UMBC	Event Center and Arena Architect: Cannon Design, MD Contractor: Barton Malow, MD	1	85,000,000	SFCP	7/14	CM	12/15	10/17	38,400,000	36th, 37th Bond Resolution and Cash	46,600,000
USM	Southern MD Regional HEC	1	78,676,000	State/NBF	2/16	CM	12/17	12/19	4,200,000	MCCBL 13,14,15; Cash	74,476,000
TU	Recreation Bldg., Ph 2 (Add'n to Burdick Hall) Architect: 360 Architecture, Inc., Kansas City, MO	1	40,520,000	SFCP	4/14	CM	8/15	11/17	40,520,000	35th, 36th, 37th Bond Resolutions	0.00
TU	Residence Tower Renovation	3	32,560,000	SFCP	9/15		11/16	11/17	2,960,000	37th Bond Resolution	29,600,000
UMUC	Renovation of the UMUC Inn & Conference Center (in phases) Contractor: Holder Construction, VA	3	31,000,000	SFCP		9/12-CM		On Hold	31,000,000	Cash	0.00
UB	Langsdale Library Renovation Architect: Behnisch Architekten, Boston Contractor: Plano-Coudon, MD	3	23,825,000	State/NBF	6/14	CM	6/16	9/17	3,775,000	MCCBL 13,14; Cash	20,050,000
UMBC	Residential/Community Renovations: West Hill Apts. Contractor: Plano-Coudon, MD	3	22,700,000	SFCP	4/13	CM	10/14	8/16	22,700,000	Cash/Bonds	0.00
UMCES	Truitt Lab (aka New Environmental Sustainability Lab) Architect: Richter Cornbrooks, MD Contractor: Lewis Contractors, MD	3	21,852,636	State	1/13	CM	9/14	11/15	21,852,636	MCCBL: 12,13,14,15; 1988GCL/Constr'n Contingency Fund	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
USG	New Parking Garage II <u>Designer/Contractor: Donley's LLC of Virginia</u>	1	20,107,794	SFCP (Reimbursed by Cty. Grant)	12/13	D/B	2/15	2/16	20,107,794	County Grant; Cash	0.00
SU	East Campus Athletic Stadium <u>Architect: GWWO, Inc., MD</u> <u>Contractor: Whiting Turner, MD</u>	1	19,400,000	SFCP	11/13	CM	1/15	2/16	19,400,000	Cash	0.00
UMCP	HJ Patterson, Wing 1 Renovation <u>Architect: Design Collective, MD</u> <u>Contractor: J. Vinton Schafer, MD</u>	3	18,250,500	State/Other	7/13	CM	9/15	12/16	18,250,500	MCCBL 13; 14 Grant; Cash; FR; AFBA 14	0.00
UMCP	Tawes Theatre Conversion <u>Architect: Grieves, Worrall, Wright, MD</u> <u>Contractor: J. Vinton Schafer, MD</u>	4	15,920,000	SFCP	5/13	CM	6/14	12/15	15,920,000	Cash	0.00
UMCP	Cambridge Hall Renovation <u>Architect: Design Collective, MD</u> <u>Contractor: Turner Construction, VA</u>	3	15,100,000	SFCP	1/11	CM	7/15	7/16	15,100,000	35th Bond Resolution/Cash	0.00
UMBC	Campus Traffic Safety & Circulation Improvements <u>Architect: Stantec Architecture, DC</u> <u>Contractor: Whiting Turner of MD</u>	5	12,968,000	State	4/13	CM	3/14	10/15	12,968,000	MCCBL 12,13,14	0.00
UMBC	Fine Arts Bldg. Renovation <u>Architect: Murphy & Dittenhafer, MD</u> <u>Contractor: J. Vinton Schafer, MD</u>	3	12,000,000	SFCP	8/13	CM	5/14	12/15	7,693,959	Cash/FR	4,306,041
UMES	Nuttle Hall (Dorm) Renovation	3	10,800,000	SFCP	12/15	GC	4/17	4/18	800,000	37th Bond Resolution	10,000,000
SU	Athletic Complex Renovation <u>Architect: GWWO, Inc. of MD</u> <u>Contractor: Whiting Turner, MD</u>	3	9,500,000	SFCP	4/14	CM	9/15	3/16	8,600,000	Cash	900,000
UMCP	Remote Library Storage <u>Architect: WDG Architecture, DC</u> <u>Contractor: Whiting Turner, MD</u>	3	9,167,000	State/Cash	11/12	CM	1/15	12/15	9,167,000	MCCBL 12,13/Cash	0.00
UMB	HSFIII Generator <u>Architect: HOK w/Design Collective</u> <u>Contractor: Barton Malow of MD</u>	5	7,000,000	SFCP/State	4/14		7/16	4/17	7,000,000	Cash/MCCBL	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
FSU	Public Safety Facility Architect: Design Collective, MD	3	5,505,000	State	8/14	GC	4/16	1/17	5,505,000	MCCBL 14, 15	0.00
TU	Newell Dining Hall Renovation Architect: GWWO, Inc. of MD	3	5,000,000	SFCP	5/15	CM	5/16	12/16	5,000,000	Cash	0.00
TU	Burkshire Elevators Contractor: Lewis Contractors, MD	5	5,000,000	SFCP	2/14	CM	8/14	9/15	5,000,000	Cash	0.00
UMB	Elevator/Fire Alarm Improve. in Various Garages Architect: UMB in-house design Contractor(s): Maranto & Sons, QSS	3	4,130,000	SFCP	7/13	GC, D/B	1/14	1/17	4,130,000	35th Bond Resolution	0.00
UMCP	McKeldin Mall Landscape Renewal Architect: Mahan Rykiel Associates, MD	5	3,000,000	Other	5/14	CM	6/16	5/18	1,500,000	Cash	1,500,000
CSU	Pedestrian Bridge ADA Improve. Architect: Cho Benn Holbeck Contractor: Jeffrey Brown Contracting	3	2,631,433	State	1/14	GC	8/15	1/16	2,631,433	MCCBL 13; Grants	0.00
UMCP	HJP Wing 2 Mech Rm. (part of Campuswide Bldg. System and Infrastructure Improvements)	5	2,606,991	State	8/15	CM	11/17	12/17	2,606,991	MCCBL 14; FR	0.00
UMB	Health Sciences Facility I - Cooling Tower Replacement Engineer: MS Engineering	5	2,500,000	State/NBF	6/14	GC	3/16	7/16	2,500,000	CFR/Cash	0.00
UMB	Health Sciences & Human Services Emergency Generator Engineer: RMF Engineering	5	2,300,000	State/NBF	4/15	GC	4/16	10/16	2,300,000	CFR/Cash	0.00
UMES	Tanner Hall Renovation Architect: RCG Architects, MD	3	2,200,000	State/Grant	2/14	GC	TBD	TBD	558,000	FR	1,642,000

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	Campus Creek Restoration <i>Architect: A. Morton Thomas, MD</i>	5	1,995,000	State; Grant; NBF	6/15		6/16	12/16	495,000	Cash; FR	1,500,000	
UMBC	Replacement of Communication Tower <i>Architect: Carroll Engineering, MD</i> <i>Contractor: Schaefer Construction, MD and Sabre Systems, MD</i>	5	1,697,500	SFCP	6/13	D/B	9/14	2/16	1,697,500	33rd Bond Resolution, Cash	0.00	
UMCP	McKeldin Mall Infrastructure/Storm Drainage (part of Campuswide Bldg. and Infrastructure Improvements) <i>Architect: Mahan Rykiel Assoc.</i>	5	1,000,000	State	6/15	CM	6/16	10/16	1,000,000	AFBA 15	0.00	
Total Program (State and non-State/ Auxiliary)			\$2,306,976,044	Estimated Economic Impact (full-time jobs):				8,651	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 Total cost: Total estimated project cost including planning, construction & equipment.
2 Addition/Expansion/Extension Start design: Date of BPW approval of architect/engineer. CM = Construction Management
3 Renovation or Replacement Construction Start: Date of BPW approval of contractor. D/B = Design/Build
4 Alterations and Addition Completion: Date of substantial completion/beneficial occupancy. GC = General Contractor
5 Infrastructure

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