



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

COMMITTEE: Finance

DATE OF COMMITTEE MEETING: March 12, 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 August 1, 2014 and ending January 31, 2015.

Highlights include:

- Two design awards to Maryland firms (\$2.3 million)
- Ten construction awards (\$50.1 million)
- Eight construction awards to Maryland firms (\$46.0 million)
- Nine project completions (\$127.5 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

DATE: 3/12/15

BOARD ACTION:

DATE:

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

PROGRESS OF CAPITAL IMPROVEMENT PROJECTS
(For the period ending
January 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 August 1, 2014 and ending January 31, 2015. Only construction projects that are \$1 million, or greater, are included in this report.

ONGOING PROJECTS:

As of January 31, 2015, there are a total of 46 projects systemwide in design or construction that are managed by the service centers.

CONTRACT AWARDS:

a. Design Awards

Two design contracts were awarded during the six-month period ending January 31, 2015.

UMCP	Brendan Iribe Ctr. for Computer Science	\$1,975,795
FSU	Public Safety Facility	\$370,744

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

Ten construction awards for a total of \$50.1 million were made during the six-month period ending January 31, 2015.

UMCP	Bioengineering Bldg. (A. James Clark Hall)	\$7,681,837
UMCP	Bio-Psych 1st Fl. Renovation	\$2,777,003
BSU	Athletic Track Replacement	\$1,303,028
TU	New Science Bldg. (pre-construction fees)	\$400,000
TU	Burkshire Elevators	\$3,426,033
TU	New Softball Field Complex	\$3,080,500
UMBC	West Hill Apartments	\$8,757,069
UMBC	Fine Arts Bldg. Renovation	\$9,298,891
UMCES	Truitt Lab (Environmental Sustainability Research Lab)	\$12,960,915
USM	Biomed Sc/Engineer. Educ'n Bldg. @ Shady Grove (pre-constr. fees)	\$415,000

PROJECT COMPLETIONS:

Nine projects for a total cost of \$127.5 million were completed in the six-month period ending January 31, 2015.

TU	Burdick Field Turf Replacement (3 recreation fields)	\$3,500,000
TU	Burdick Renovation, Ph 3	\$15,000,000
TU	Campuswide Safety /Circulation Improvements, Ph 2	\$16,362,000
UMES	Greenhouse Renovation	\$5,470,589
SU	Tennis Courts Relocation	\$6,100,000
UMBC	Residential/Community Renovations: Potomac Hall	\$4,950,000
UMBC	New Surface Parking Lot (300 spaces)	\$2,750,000
UMBC	Performing Arts and Humanities Facility, Ph 2	\$71,931,000
UMCES	Bulkhead Rehabilitation	\$1,504,441

PROJECT SCHEDULE The attached information includes schedules for ongoing activities in the FY2016 Capital Improvement Program and the FY2015 System Funded Construction Program.

USM PROJECT STATUS REPORT ON MAJOR CONSTRUCTION PROJECTS AS OF JANUARY 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	305,342,000	State/NBF	5/12	CM-10/12	8/13	9/17	104,842,000	MCCBL 11, 12; 13; 14; Cash	200,500,000
TU	New Science Facility <u>Architect:</u> Cannon Design, MD <u>Contractor:</u> Whiting Turner, MD	1	189,200,000	State	8/14	CM	7/16	5/19	5,700,000	MCCBL 12	183,500,000
UMCP	New Bioengineering Bldg. (aka A. James Clark Hall) <u>Architect:</u> Ballinger of PA <u>Contractor:</u> Clark Construction, MD	1	173,910,000	State/NBF	4/13	CM- 1/15	3/15	3/17	16,960,000	MCCBL 12, 13, 14; Cash	156,950,000
USG	Biomed Sc. & Eng. Ed. Facility <u>Architect:</u> Cooper Carry, Inc. of Georgia <u>Contractor:</u> Gilbane Bldg. Co., MD	1	162,566,000	State	5/14	CM	3/16	5/18	9,300,000	MCCBL 13,14	153,266,000
UMCP	Cole Fieldhouse Conversion/ Expansion	2/3	155,000,000	State/NBF	5/15	CM	6/17	6/19	0.00	Private Gift, State CIP, Fund Balance	155,000,000
UMCP	Brendan Iribe Ctr. for Computer Science <u>Architect:</u> HDR Architecture, MD	1	142,550,000	State/NBF	1/15	CM	6/16	12/17	3,700,000	Cash	138,850,000
CSU	New Science & Technology Ctr. <u>Contractor:</u> Barton Mallow, MD	1	126,020,000	State	4/10	CM-6/10	8/12	5/15	126,020,000	MCCBL 08,09,10,12,13;14 AFBA 12, 13	0.00
UMBC	Interdisciplinary Life Sc. Bldg.	1	125,700,000	State	3/15	CM	10/17	10/19	4,100,000	MCCBL 14	121,600,000
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	55,552,000	MCCBL 12,13,14/Cash	61,536,000

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	Edward St. John Learning & Teaching Ctr. Architect: Ayers St. Gross of MD Contractor: Clark Construction Group of MD	2/3	112,030,000	State/NBF	7/12	CM	6/14	12/16	36,280,000	MCCBL 12,13 14; Cash	75,750,000
BSU	Natural Sciences Bldg. Architect: Perkins and Will of GA Contractor: Clark Construction, MD	1	102,220,000	State	4/13	CM	2/15	2/17	30,942,000	MCCBL 12,13,14	71,278,000
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	81,150,000	35th, 36th Bond Resolutions, Cash	19,000,000
UMES	New Engineering and Aviation Science Bldg. Architect: Hord Coplan Macht-Freelon of MD Contractor: Holder Construction, VA	1	96,548,000	State	8/11	CM	8/13	8/15	90,050,000	MCCBL: 10,11,13,14	6,498,000
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	7,200,000	36th Bond Resolution and Cash	77,800,000
USM	Southern MD Regional HEC	1	78,250,000	State	3/15		1/17	10/18	2,500,000	MCCBL 13,14	75,750,000
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	23,620,000	35th, 36th Bond Resolutions	16,900,000
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	7/15	7/16	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	16,800,000	Cash/Bonds	5,900,000
UMCES	Truitt Lab (aka New Environmental Sustainability Lab) Architect: Richter Cornbrooks, MD Contractor: Lewis Contractors, MD	3	21,635,000	State	1/13	CM	9/14	11/15	14,104,000	MCCBL 12,13,14; 1988GCL/Constr'n Contingency Fund	7,531,000

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
USG	New Parking Garage II <u>Designer/Contractor: Donley's LLC of Virginia</u>	1	20,000,000	SFCP (Reimbursed by Cty. Grant)	12/13	D/B	2/15	1/16	20,000,000	County Grant	0.00
SU	East Campus Athletic Stadium <u>Architect: GWWO, Inc., MD</u> <u>Contractor: Whiting Turner, MD</u>	1	19,000,000	SFCP	11/13	CM	1/15	2/16	18,000,000	Cash	1,000,000
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	7/15	10/16	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	6/15	6/16	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	9/15	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	12,200,000	SFCP	8/13	CM	5/14	3/16	6,570,769	Cash/FR	5,629,231
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	12/15	5/17	2,000,000	Cash	7,500,000
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
UMCP	Remote Library Storage <u>Architect: WDG Architecture, DC</u> <u>Contractor: Whiting Turner, MD</u>	3	6,917,000	State/Cash	11/12	CM	1/15	10/15	6,917,000	MCCBL 12,13/Cash	0.00
FSU	Public Safety Facility <u>Architect: Design Collective, MD</u>	3	5,505,000	State	8/14	GC	7/15	5/16	400,000	MCCBL 14	5,105,000

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	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 <u>Contractor:</u> Lewis Contractors, MD	5	5,000,000	SFCP	2/14	CM	8/14	9/15	5,000,000	Cash	0.00
TU	7400 York Rd. Modernization <u>Contractor:</u> Roy Kirby & Sons, MD	3	5,000,000	SFCP	3/13	GC	8/14	2/15	5,000,000	Cash	0.00
UMCP	Bio Psych 1st Fl. Renovation <u>Architect:</u> Ayers St. Gross, MD <u>Contractor:</u> Turner Constr. Co., VA	3	4,531,000	Univ.	12/13	CM	8/14	6/15	4,531,000	Cash	0.00
UMB	Elevator/Fire Alarm Improve. in Various Garages <u>Architect:</u> UMB in-house design <u>Contractor(s):</u> 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
TU	New Softball Field Complex <u>Architect:</u> Marshall Craft Assoc., MD <u>Contractor:</u> Roy Kirby & Sons, MD	1	3,500,000	State/NBF	11/13	GC	8/14	3/15	3,500,000	MCCBL 13, 14; Cash	0.00
UMCP	Microbiology Replace Fumehood Exhaust <u>Architect:</u> WDG Architecture of DC; <u>Contractor:</u> Turner Construction, VA	5	3,100,000	State	9/13	CM	7/14	2/15	3,100,000	MCCBL 12/AAFB	0.00
UMCP	McKeldin Mall Landscape Renewal <u>Architect:</u> 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. <u>Architect:</u> Cho Benn Holbeck <u>Contractor:</u> Jeffrey Brown Contracting	3	2,631,433	State	1/14	GC	5/15	12/15	2,631,433	MCCBL 13; Grant	0.00
BSU	Leonidas James Physical Ed. Complex Renovation <u>Contractor:</u> Rich Moe Enterprises, MD	3	2,400,000	State/NBF	12/13	GC	7/14	3/15	2,400,000	MCCBL 13; FR; Cash	0.00
UMES	Tanner Hall Renovation <u>Architect:</u> RCG Architects, MD	3	2,200,000	FR/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	5	1,995,000	Grant; FR; Cash	3/15		6/16	12/16	295,000	Cash	1,700,000	
UMBC	Replacement of Communication Tower <i>Architect: Carroll Engineering, MD</i> <i>Contractor: Schaefer Construction, MD and Sabre Systems, MD</i>	5	1,560,000	SFCP	6/13	D/B	9/14	6/15	1,560,000	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)			\$2,399,854,221	Estimated Economic Impact (full-time jobs):				8,999	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