



SUMMARY OF ITEM FOR ACTION,
INFORMATION OR DISCUSSION

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

COMMITTEE: Finance

DATE OF COMMITTEE MEETING: March 31, 2016

SUMMARY: This report provides information on the status of capital improvement projects system wide. Included are contract awards, completions, and detailed project schedules. The attached report reflects activity for the six-month period starting August 1, 2015 and ending January 31, 2016. Highlights include:

- One design award to a Maryland firm (\$712,898)
- Sixteen construction awards (\$210.9 million)
- Fifteen construction awards to Maryland firms (\$208.7 million)
- Five project completions (\$146.9 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:

DATE:

BOARD ACTION:

DATE:

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

PROGRESS OF CAPITAL IMPROVEMENT PROJECTS
(For the period ending
January 31, 2016)

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, 2015 and ending January 31, 2016. Only construction projects that are \$1 million, or greater, are included in this report.

ONGOING PROJECTS:

As of January 31, 2016, there are a total of 45 projects systemwide in design or construction that are managed by the service centers.

CONTRACT AWARDS:

a. Design Awards

One design contract was awarded during the six-month period ending January 31, 2016.

	UMCP H.J. Patterson Wing 2 Mechanical Rm. Renovation	\$712,898
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b. Construction Awards, Including Design/Build and Construction Management

Sixteen construction awards for a total of \$210.9 million were made during the six-month period ending January 31, 2016.

	UMCP McKeldin Mall Infrastructure Improvements (CM pre-construction fees)	\$66,000
	UMCP Stamp Student Union Suite Renovation	\$1,498,984
	UMCP Reckord Armory Renovation for Army/Navy ROTC	\$1,144,400
	UMCP H J Patterson Wing 2 Mech Rm. Renovation (CM Pre-construction fees)	\$60,000
	UMCP Replace Synthetic Turf Infield, Shipley Field	\$2,126,477
	UMCP A. James Clark Hall	\$113,151,436
	UMCP New Cole Fieldhouse (CM Pre-construction fees & Bid Pkg. 1)	\$9,762,046
	UMCP H J Patterson Wing 1 Renovation	\$12,346,578
	UMCP School of Public Health Ground/1st Floor Renov. (CM Pre-construction fees)	\$25,000
	BSU James Gym HVAC Improvements, Ph 2	\$3,840,147
	TU Towson Center North Wing Renovation	\$2,786,911
	TU Newell Dining Hall Improvements (CM pre-construction fees)	\$15,760
	TU Burdick Hall Expansion	\$33,294,325
	SU Chill Water Plant Replacement Holloway Hall	\$1,538,500
	UB Replace USPS Maintenance Facility (D/B)	\$676,000
	UMBC Event Center and Arena Project	\$28,583,840

PROJECT COMPLETIONS:

Five projects for a total cost of \$146.9 million were completed in the six-month period ending January 31, 2016.

	UMCP Tawes Theater Conversion	\$15,920,000
	UMCP Bob Smith Stadium Synthetic Turf Installation	\$2,700,000
	UMES Engineering and Aviation Sciences Facility	\$101,207,190
	UMBC Campus Traffic Safety & Circulation Improvements	\$15,103,509
	UMBC Fine Arts Bldg. Renovation	\$12,000,000

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 JANUARY 31, 2016

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	173,910,000	State/NBF	4/13	CM- 1/15	6/15	6/17	64,460,000	MCCBL 12, 13, 14; 15; AFBA 15; Cash	109,450,000
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 <u>Contractor:</u> Gilbane, MD	2/3	155,000,000	State/NBF	6/15	CM-10/15	12/15	4/17	42,000,000	MCCBL 15; Cash	113,000,000
UMCP	Brendan Iribe Ctr. for Computer Science <u>Architect:</u> HDR Architecture, MD <u>Contractor:</u> Whiting Turner, MD	1	142,550,000	State/NBF	1/15	CM	6/16	6/18	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

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	Academic Commons (New Library) <u>Designer/Contractor:</u> Gilbane of MD	1/3	117,088,000	State/NBF	4/13	D/B	5/14	6/16	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
BSU	Natural Sciences Bldg. <u>Architect:</u> Perkins and Will of GA <u>Contractor:</u> Clark Construction, MD	1	102,171,000	State	4/13	CM	2/15	3/17	70,670,000	MCCBL 12,13,14,15	31,501,000
TU	West Village Housing, Ph 3, 4 <u>Architect:</u> Ayers St. Gross, MD <u>Contractor:</u> 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
UMBC	Event Center and Arena <u>Architect:</u> Cannon Design, MD <u>Contractor:</u> Barton Malow, MD	1	85,000,000	SFCP	7/14	CM	1/16	11/17	38,400,000	36th, 37th Bond Resolution and Cash	46,600,000
USM	Southern MD Regional HEC	1	78,676,000	State/NBF	5/16	CM	6/18	6/20	3,950,000	MCCBL 13,14,15; Cash	74,726,000
TU	Recreation Bldg., Ph 2 (Add'n to Burdick Hall) <u>Architect:</u> 360 Architecture, Inc., Kansas City, MO <u>Contractor:</u> Lewis Contractors, MD	2	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 <u>Architect:</u> Design Collective, MD	3	32,560,000	SFCP	7/15	CM	11/16	11/17	2,960,000	37th Bond Resolution	29,600,000
UMUC	Renovation of the UMUC Inn & Conference Center (in phases) <u>Contractor:</u> Holder Construction, VA	3	31,000,000	SFCP		9/12-CM		On Hold	31,000,000	Cash	0.00

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UB	Langsdale Library Renovation <u>Architect:</u> Behnisch Architekten, Boston <u>Contractor:</u> 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. <u>Architect:</u> Grimm & Parker, MD <u>Contractor:</u> 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) <u>Architect:</u> Richter Cornbrooks, MD <u>Contractor:</u> Lewis Contractors, MD	3	21,852,636	State	1/13	CM	9/14	3/16	21,852,636	MCCBL: 12,13,14,15; 1988GCL/Constr'n Contingency Fund	0.00
USG	New Parking Garage II <u>Designer/Contractor:</u> Donley's LLC of Virginia	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:</u> GWWO, Inc., MD <u>Contractor:</u> Whiting Turner, MD	1	19,400,000	SFCP	11/13	CM	1/15	3/16	19,400,000	Cash	0.00
UMCP	HJ Patterson, Wing 1 Renovation <u>Architect:</u> Design Collective, MD <u>Contractor:</u> J. Vinton Schafer, MD	3	18,250,500	State/Other	7/13	CM	10/15	2/17	18,250,500	MCCBL 13; 14 Grant; Cash; FR; AFBA 14	0.00
SU	Athletic Complex Renovation (multi-phased) <u>Architect:</u> GWWO, Inc. of MD <u>Contractor:</u> Whiting Turner, MD	3	15,900,000	SFCP	4/14	CM	9/15	2/16 Tennis Bldg.	8,600,000	Cash	7,300,000
UMCP	Cambridge Hall Renovation <u>Architect:</u> Design Collective, MD <u>Contractor:</u> Turner Construction, VA	3	15,100,000	SFCP	1/11	CM	7/15	7/16	15,100,000	35th Bond Resolution/Cash	0.00
UMCP	Remote Library Storage <u>Architect:</u> WDG Architecture, DC <u>Contractor:</u> Whiting Turner, MD	3	9,167,000	State/Cash	11/12	CM	1/15	2/16	9,167,000	MCCBL 12,13/Cash	0.00
UB	Replace USPS Maintenance Facility <u>Contractor:</u> Whiting Turner, MD	3	8,800,000	SFCP	815	D/B	8/16	1/18	676,000	Cash	8,124,000

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	HJP Wing 2 Mech Rm. (part of Campuswide Bldg. System and Infrastructure Improvements) <u>Architect:</u> Design Collective, MD <u>Contractor:</u> J. Vinton Schafer, MD	5	6,000,000	State	11/15	CM-12/15	2/17	1/18	3,332,864	MCCBL 14; FR	2,667,136
FSU	Public Safety Facility <u>Architect:</u> Design Collective, MD	3	5,505,000	State	8/14	GC	3/16	1/17	5,505,000	MCCBL 14, 15	0.00
TU	Newell Dining Hall Renovation <u>Architect:</u> GWWO, Inc. of MD <u>Contractor:</u> Jeffrey Brown Contracting, LLC of MD	3	5,000,000	SFCP	5/15	CM-12/15	5/16	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	7/16	5,000,000	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
UMB	HSFIII Generator <u>Architect:</u> HOK w/Design Collective <u>Contractor:</u> Barton Malow of MD	5	4,000,000	SFCP	4/14		7/16	4/17	4,000,000	Cash	0.00
UMCP	ERC-Natatorium PoolPak Units Replacement <u>Architect:</u> UMCP Service Center In House Design	3	4,000,000	State	9/15	GC	1/17	8/17	110,000	FR	3,890,000
BSU	James Gym HVAC Improvements, Ph 2 <u>Contractor:</u> Rich Moe Enterprises, MD	3	4,000,000	State/NBF		GC	11/15	9/16	4,000,000	MCCBL 13; AFBA; Cash	0.00
UMCP	McKeldin Mall Landscape Renewal <u>Architect:</u> Mahan Rykiel Associates, MD	5	3,000,000	SFCP	5/14	CM	TBD	TBD	3,000,000	Cash	0.00
UMCP	Stamp Student Union Ph 5 Renovation <u>Architect:</u> UMCP Service Center In House Design <u>Contractor:</u> Kalmia Construction	3	3,000,000	SFCP	2/14	OnCall Contractor	12/15	7/16	3,000,000	FR, 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
UMCP	McKeldin Mall Infrastructure/Storm Drainage (part of Campuswide Bldg. and Infrastructure Improvements) <u>Architect:</u> Mahan Rykiel Assoc. <u>Contractor:</u> J. Vinton Schafer, MD	5	3,000,000	State	6/15	CM-12/15	6/16	8/17	1,000,000	AFBA 15	2,000,000
TU	Renovate Towson Center North Wing <u>Contractor:</u> Jeffrey Brown, MD	3	2,786,911	SFCP			11/15	5/16	2,786,911	Cash	0.00
CSU	Pedestrian Bridge ADA Improve. <u>Architect:</u> Cho Benn Holbeck <u>Contractor:</u> Jeffrey Brown Contracting, MD	3	2,631,433	State	1/14	GC	8/15	7/16	2,631,433	MCCBL 13; Grants	0.00
UMCP	School of Public Health Labs & Studios Renovation <u>Architect:</u> WDG, MD <u>Contractor:</u> J Vinton Schafer, MD	4	2,630,000	SFCP	10/14	CM-10/15	3/16	8/16	2,630,000	Cash	0.00
UMB	Health Sciences Facility I - Cooling Tower Replacement <u>Engineer:</u> 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 <u>Engineer:</u> 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 <u>Architect:</u> RCG Architects, MD	3	2,200,000	State/Grant	2/14	GC	TBD	TBD	558,000	FR	1,642,000
UMCP	Campus Creek Restoration <u>Architect:</u> A. Morton Thomas, MD	5	1,995,000	State; Grant; NBF	6/15	TBD	8/16	12/16	495,000	Cash; FR	1,500,000
UMBC	Replacement of Communication Tower <u>Architect:</u> Carroll Engineering, MD <u>Contractor:</u> Schaefer Construction, MD and Sabre Systems, MD	5	1,697,500	SFCP	6/13	D/B	9/14	8/16	1,697,500	33rd Bond Resolution, 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
SU	Holloway Hall Chilled Water Plant Replacement Contractor: Whiting Turner, MD	3	1,600,000	State/NBF		GC	10/15	7/16	1,600,000	AFBA; Cash	0.00
UMCP	Reckord Armory Renovation for Army/Navy ROTC Contractor: Baltimore Contractors, MD	5	1,144,400	SFCP			12/15	4/16	1,144,400	Cash	0.00
Total Program (State and non-State/ Auxiliary)			\$2,192,835,174	Estimated Economic Impact (full-time jobs):				8,223	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 OCGC = On-Call General Contractor
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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