

Contact: Joan Racki

**FY 2016 ANNUAL CAPITAL PLANS**

**Requested Actions:** Consider receiving the following:

1. Report on anticipated institutional FY 2016 new capital improvement projects with the understanding that the proposed projects are subject to further review, availability of funding, and specific project approval consistent with Board policy.
2. Status report on previously approved projects with budgets exceeding \$1 million.

**Executive Summary:** The institutions submit to the Board each year, as required by the Regent Policy Manual, their capital plans, which provide an overview of institutional plans and priorities, for the upcoming fiscal year. Under Iowa Code §262, the Board is responsible for managing and controlling the real and personal property of the institutions and for the construction, repairs or improvements of buildings and grounds.

The plans include an overview of FY 2016 anticipated new capital improvement projects with budgets estimated to exceed \$250,000 for all campus facilities; the institutions have indicated that these projects have a reasonable likelihood of being initiated during the upcoming fiscal year. The plans also provide a status report on previously approved projects with budgets exceeding \$1 million. Projects are considered to be “anticipated new projects” if a project description and budget have not yet been approved even if the Board has taken one or more steps in its capital project process such as permission to proceed with project planning.

The anticipated new projects with budgets exceeding \$250,000, which are listed on Tables 1-5 for each of the institutions (Attachment A), are subject to further review, availability of funding, and specific approval by the Board or Board Office, as delineated by Board policies. The listing of anticipated new projects provides an opportunity for comment on the proposed projects for which the Board or Board Office has not yet approved a project description and budget.

The following provides a summary for each of the institutions:

<b><u>Table</u></b>	<b><u>FY 2016 Anticipated New Capital Projects</u></b>	<b><u>Amount</u></b>	<b><u>Page(s)</u></b>
1	University of Iowa	\$168,141,000	4-6
	University of Iowa Hospitals & Clinics	159,891,761	7-8
2	Iowa State University	210,905,000	9-10
3	University of Northern Iowa	56,762,000	11
4	Iowa School for the Deaf	400,000	12
5	Iowa Braille and Sight Saving School	-----	13
	<b>Total</b>	<b><u>\$596,099,761</u></b>	

The FY 2016 Capital Plan also includes a status report on projects with budgets exceeding \$1 million for which a project description and budget have been previously approved. The tables listed below, included as part of Attachment A, list the projects in each category.

<u>Table</u>	<u>Status Reports</u>	<u>Amount</u>	<u>Page(s)</u>
6	Previously Approved Projects with Budgets Exceeding \$1 Million for Which Construction is <u>Scheduled to be Completed</u> during FY 2016	\$538,090,020	14
7	Previously Approved Projects with Budgets Exceeding \$1 Million for Which Construction is <u>Scheduled to Continue</u> throughout FY 2016	646,169,764	15
8	Previously Approved Projects with Budgets Exceeding \$1 Million for Which Construction is <u>Scheduled to Commence</u> in FY 2016	240,992,724	16
9	Previously Approved Projects with Budgets Exceeding \$1 Million for Which No Activity is in FY 2016	25,428,947	17

Quality facilities are an integral part of the academic enterprise; they help ensure quality academic programs and the ability to attract and retain faculty and students. Quality facilities are needed to:

- Compete for faculty and staff;
- Improve the research productivity of the faculty; and
- Compete for students.

**Additional Information:** The institutions were asked to identify the anticipated FY 2015 requested Board or Board Office action; these actions are included in the tables. The footnotes to Tables 1-5 indicate if the Board has previously taken action, such as permission to proceed with project planning, for a specific project.

The following table includes the distribution of all anticipated new projects *by type of project*.

**FY 2016 Anticipated New Capital Projects (Tables 1-5)  
By Type of Project**

	<u>Amount</u>
Fire and Environmental Safety	\$ 2,980,000
Building Deferred Maintenance	11,870,000
Utility Expansion/Improvements/Deferred Maintenance	39,711,000
New Building Construction	269,450,000
Remodel/ Renovation	254,791,761
Other	<u>17,297,000</u>
<b>Total</b>	<b>\$596,099,761</b>

The distribution of the anticipated new capital projects *by source of funds* is as follows:

**FY 2016 Anticipated New Capital Projects (Tables 1-5)  
By Source of Funds**

	<u>Amount</u>
Improvement Funds and Revenue Bonds of Self-Supporting Enterprises	\$138,561,000
UIHC Building Usage Funds	159,891,761
Capital Appropriations / Future Capital Appropriations	121,900,000
Gifts, Earnings and Fees; Grants (including debt service supported by these sources)	81,949,000
Income from Treasurer's Temporary Investments	16,490,000
Building Repair / Building Renewal / General Fund / University Funds	63,846,000
F&A Indirect Cost Recoveries	9,000,000
Other (or combination of sources)	<u>4,462,000</u>
<b>Total</b>	<b>\$596,099,761</b>

The listing of all new, anticipated projects on Tables 1-5, Attachment A, includes the proposed source of construction funds, annual capital renewal amounts and sources of funds, as well as the estimated operating costs and the proposed sources of funds for these costs.

TABLE 1  
UNIVERSITY OF IOWA  
ANTICIPATED NEW CAPITAL PROJECTS - FY 2016 - SUMMARY BY PROJECT CATEGORY

Project Categories/Project	FY 2016 Anticipated Requested Board/Board Office Action(s) <sup>1</sup>	Estimated Total Project Cost	Anticipated Source of Construction Fund(s)	Annual Capital Renewal Amount	Capital Renewal Source(s)	Estimated Annual Operating Costs	Operating Fund Source(s)
<b>Fire &amp; Environmental Safety</b>							
Various Locations - Upgrades Per SFMO Inspections	Inst. - PDB	50,000	Building Renewal, Treasurer's Temporary Investments	N/A		N/A	
Various Locations - Sprinkler System Improvements	BoR Ofc - PDB	1,320,000	Building Renewal, Treasurer's Temporary Investments	N/A		N/A	
Various Locations - Install or Replace Fire Alarm Systems	BoR Ofc - PDB	710,000	Building Renewal, Treasurer's Temporary Investments	N/A		N/A	
Various Locations - Arc-flash System Analysis	BoR Ofc - PDB	250,000	Building Renewal, Treasurer's Temporary Investments	N/A		N/A	
<b>Subtotal</b>		<b>\$ 2,330,000</b>					
<b>Building Deferred Maintenance (non-utility)</b>							
Various Campus Projects	BoR Ofc / Inst. - PDB	\$ 5,325,000	Building Renewal, Treasurer's Temporary Investments	N/A		N/A	
<b>Subtotal</b>		<b>\$ 5,325,000</b>					
<b>New Building Construction</b>							
Hydraulics Modeling Facility	PTP	TBD					
IMJ Parking Ramp - Replace Structure, Incorporate Academic Space	PTP	TBD					
Indoor Track and Field Facility - Hawkeye Campus	PTP	TBD					
Museum of Art - New Facility - Construct Facility	SD, PDB; BoR Ofc - PS	TBD					
New West Campus Residence Hall	PTP	TBD					
Psychological & Brain Sciences and Learning Center Building - Construct Facility <sup>2</sup>	SD, PDB; BoR Ofc - PS	27,000,000	Building Renewal, Treasurer's Temporary Investments, Gifts, F&A Indirect Cost Recoveries	405,000	See Note A	500,000	GEF
Services Building	TBD	TBD					
West Campus Energy Plant - Construct Facility <sup>2</sup>	PDB	75,000,000	Revenue Bonds		See Note B		Utilities Enterprise
<b>Subtotal</b>		<b>\$102,000,000</b>					
<b>Remodel/Renovation</b>							
Biomedical Research Support Facility - Fit-out Shelled Space	BoR Ofc - PDB	\$ 900,000	Carver College of Medicine	N/A		N/A	
Boyd Law Building - Remodel Rooms 126 and 174	BoR Ofc - PDB	299,000	College of Law	N/A		N/A	
Carver College of Medicine Administrative Building	BoR Ofc - PDB	350,000	Treasurer's Temporary Investments	N/A		N/A	
College of Nursing Building - Building Modifications	PTP; BoR Ofc - AE	TBD		N/A		N/A	
College of Public Health - Fit Out Fifth Floor for Informatics <sup>2</sup>	SD, PDB; BoR Ofc - PS	4,635,000	Treasurer's Temporary Investment, F&A Indirect Cost Rec.	N/A		N/A	
Currier Residence Hall - Front Entrance Improvements	BoR Ofc - PDB	750,000	Dormitory System Improvement Funds	N/A		N/A	
Currier Residence Hall - Repair Exterior Soffits in Courtyard	BoR Ofc - PDB	250,000	Dormitory System Improvement Funds	N/A		N/A	
Daum Hall - Repair Concrete Soffits and Canopy	BoR Ofc - PDB	500,000	Dormitory System Improvement Funds	N/A		N/A	
Daum Hall - Renovate Floors 1-8	BoR Ofc - PDB	1,200,000	Dormitory System Improvement Funds	N/A		N/A	
Eckstein Med. Res. Bldg. - Renovate Lab Floors 1, 2, 4 and 5 <sup>2</sup>	SD, PDB; BoR Ofc - PS	2,500,000	Treasurer's Temporary Investments	N/A		N/A	
General Campus Landscaping - Rehabilitate Quad Ravine - Ph. 2	BoR Ofc - PDB	1,300,000	Building Renewal, Treasurer's Temporary Investments	N/A		N/A	
Gerdin Athletic Learning Center - Upgrade Building Finishes and Fit-out 3rd Floor	BoR Ofc - PDB	1,500,000	Athletics Gifts and Earnings	N/A		N/A	
Gilmore Hall - Renovate Restrooms	BoR Ofc - PDB	580,000	Building Renewal	N/A		N/A	
Iowa Memorial Union - Replace Footbridge Approaches	PDB	TBD		N/A		N/A	
Kinnick Stadium - Modifications to North End Zone	PTP	TBD		N/A		N/A	

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Project Categories/Project	FY 2016 Anticipated Requested Board/Board Office Action(s) <sup>1</sup>	Estimated Total Project Cost	Anticipated Source of Construction Fund(s)	Annual Capital Renewal Amount	Capital Renewal Source(s)	Estimated Annual Operating Costs	Operating Fund Source(s)
Library - Modernization - Phase 2	PTP; BoR Oic - AE	TBD		N/A		N/A	
Lindquist Center - Renovate Educational Technology Center	BoR Oic - PTP	1,400,000	Building Renewal, College of Education	N/A		N/A	
Medical Education Research Facility - Remodel Room 1221	BoR Oic - PDB	690,000	Treasurer's Temporary Investments	N/A		N/A	
Medical Laboratories - Renovate 3rd Floor West	BoR Oic - PDB	500,000	Treasurer's Temporary Investments	N/A		N/A	
Old Capitol - Upgrade Audio-Visual in Senate Chamber	BoR Oic - PDB	436,000	Building Renewal	N/A		N/A	
Old Capitol - Repairs to Cupola / Roof	BoR Oic - PDB	1,500,000	Building Renewal	N/A		N/A	
Pappajohn Biomedical Discovery Bldg. - Install 3T MRI in Room L52C	BoR Oic - PDB	285,000	Treasurer's Temporary Investments	N/A		N/A	
Pappajohn Biomedical Discovery Bldg. - Upgrades to Support Move-1	BoR Oic - PDB	1,000,000	Treasurer's Temporary Investments	N/A		N/A	
Post Flood Recovery Repurposing Projects - Various Buildings	PTP	TBD		N/A		N/A	
Quad Residence Hall Demolition	PDB	1,000,000	Capital Appropriations	N/A		N/A	
Recreation Building - Modifications for Track Installation	BoR Oic - PDB	TBD		N/A		N/A	
Rienow Hall - Masonry Repairs	BoR Oic - PDB	500,000	Dormitory System Improvement Funds	N/A		N/A	
Seamans Center for Engineering Arts and Sciences - Convent Marlock to AVAG	BoR Oic - PDB	300,000	Building Renewal	N/A		N/A	
Seashore Hall - Renovation / Demolition (in conjunction with Psychological & Brain Sciences and Learning Center)	PTP, SD, PDB; BoR - AE, PS	TBD		N/A		N/A	
Tippie College of Business - Renovation / Expansion of Facilities	PTP	TBD		N/A		N/A	
University Capitol Centre - Construct Student Services Center	PTP; BoR Oic - AE	TBD		N/A		N/A	
Westlawn - Renovate Student Health & Wellness Space <sup>2</sup>	SD, PDB; BoR Oic - PS	5,200,000	Student Health Funds	N/A		N/A	
<b>Subtotal</b>		<b>\$ 27,575,000</b>					
<b>Utility Expansion/Improvements</b>							
Bowen Science Building - Modernize Building Systems <sup>2</sup>	PDB	\$ 17,825,000	Building Renewal, Treasurer's Temporary Investments; F&A Indirect Costs	N/A		N/A	
Information Technology Facility - Install Research Power Distribution Units in Room 135	BoR Oic - PDB	390,000	Building Renewal	N/A		N/A	
Medical Laboratories - Replace Reheat Valves & Controls on 4th Floor	BoR Oic - PDB	460,000	Building Renewal	N/A		N/A	
Power Plant - Replace Continuous Emissions Monitoring System (Boilers 7 and 8)	BoR Oic - PDB	800,000	Utility System Renewal & Improvement Fund	N/A		N/A	
Utilities Distribution System - Backup Power Switching Procedures Replacement	BoR Oic - PDB	1,300,000	Utility System Renewal & Improvement Fund	N/A		N/A	
Utilities Distribution System - Hospital West Electric Substation Replacement	BoR Oic - PDB	750,000	Utility System Renewal & Improvement Fund	N/A		N/A	
Utilities Distribution System - New Electric Campus Loop	BoR Oic - PDB	950,000	Utility System Renewal & Improvement Fund	N/A		N/A	
Utilities Distribution System - Flood Protection - Install Storm Sewer Valves	BoR Oic - PDB	300,000	Utility System Renewal & Improvement Fund	N/A		N/A	
Utilities Distribution System - Replace 15KV Ductbank on Art Campus	BoR Oic - PDB	300,000	Utility System Renewal & Improvement Fund	N/A		N/A	
Utilities Distribution System - Replacement of Potable Water Line - Carver Hawkeye Arena - Phase 1	BoR Oic - PDB	780,000	Utility System Renewal & Improvement Fund	N/A		N/A	
Utilities Distribution System - Replacement of Potable Water Line - Carver Hawkeye Arena, Phase 2	BoR Oic - PDB	550,000	Utility System Renewal & Improvement Fund	N/A		N/A	
Utilities Distribution System - Rebuild Carrier North Steam Tunnel	BoR Oic - PDB	1,400,000	Utility System Renewal & Improvement Fund	N/A		N/A	
Water Plant - Replace Air Handling Unit	BoR Oic - PDB	306,000	Utility System Renewal & Improvement Fund	N/A		N/A	
<b>Subtotal</b>		<b>\$ 26,111,000</b>					

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<b>Parking Improvements</b>							
Parking Lots and Ramps - 2016 Ramp Maintenance & Upgrade	BoR Oic - PDB	\$ 500,000	Parking & Trans. Renewal & Improvement Fund				
Parking Lots and Ramps - 2016 Surface Lot Maintenance	BoR Oic - PDB	300,000	Parking & Trans. Renewal & Improvement Fund				
Parking Lots and Ramps - Commuter Lots Shelter Upgrades	BoR Oic - PDB	300,000	Parking & Trans. Renewal & Improvement Fund				
Parking Lots and Ramps - LED Lighting Installation - Multiple Sites	BoR Oic - PDB	300,000	Parking & Trans. Renewal & Improvement Fund				
PLR - Lot 55 Expansion & Transit Shelter Const.	PTP, SD, PDB; BoR Oic - AE, PS	2,000,000	Parking & Trans. Renewal & Improvement Fund				
<b>Subtotal</b>		<b>\$ 3,400,000</b>					
<b>Other</b>							
Inst. Roads - Reconstruct Hawkins Dr from Hwy 6 to Finkbine Dr	BoR Oic - PDB	\$ 1,400,000	Institutional Roads Funds				
<b>Subtotal</b>		<b>\$ 1,400,000</b>					
<b>General University Total</b>		<b>\$168,141,000</b>					
		(+ TBD)					

**Renewal Strategy Summary**

- A. Figure represents the 1.5% of the replacement value goal, per 4.b.ii of the Facility Stewardship Policy. It is the University's intent to reach this figure incrementally, by increasing GEF building renewal funds equal to .25% of the replacement value of these projects annually until the 1.5% figure is attained.
- B. Renewal funding for bonded enterprises will be secured through planned additional debt as the need arises per 4.b.i of the Facility Stewardship Policy.

**SUMMARY BY SOURCE OF FUNDS**

Building Renewal	\$ 31,016,000
Treasurer's Temporary Investments	16,490,000
Capital Appropriations	1,000,000
Revenue Bonds	75,000,000
Auxiliary Unit / Collegiate Gifts and Earnings	20,199,000 *
Renewal and Improvement Funds	14,036,000 **
Institutional Roads Funds	1,400,000
F&A Indirect Cost Recoveries	9,000,000
<b>General University Total</b>	<b>\$168,141,000</b>
<b>* Auxiliary Unit / Collegiate Gifts and Earnings</b>	
College of Liberal Arts & Sciences	\$ 12,000,000
Carver College of Medicine	900,000
College of Law	299,000
Athletics	1,500,000
College of Education	300,000
Student Health	5,200,000
<b>Subtotal</b>	<b>\$ 20,199,000</b>
<b>**Renewal &amp; Improvement Fund</b>	
Dormitory	\$ 3,200,000
Utility	7,436,000
Parking and Transportation	3,400,000
<b>Subtotal</b>	<b>\$ 14,036,000</b>

<sup>1</sup> Key: PTP - Permission to Proceed with Project Planning; AE - Architect/Engineer Selection/ Agreement; SD - Schematic Design;  
PS - Program Statement; PDB - Project Description and Budget; TBD - To Be Determined  
<sup>2</sup> Board previously granted permission to proceed with this project  
<sup>3</sup> Approvals requested at June 2015 meeting

TABLE 1 (Cont)  
UNIVERSITY OF IOWA OF HOSPITALS AND CLINICS  
ANTICIPATED NEW CAPITAL PROJECTS - FY 2016 - SUMMARY BY PROJECT CATEGORY

Project Categories / Project	FY 2016 Anticipated Requested Board / Board Office Action(s) <sup>1</sup>	Estimated Total Project Cost	Anticipated Source of Construction Fund(s)	Annual Capital Renewal Amount	Capital Renewal Source(s)	Estimated Annual Operating Costs	Operating Fund(s) Source(s)
<b>Fire and Environmental Safety</b>							
Joint Commission Plan for Improvements (Multiple Projects)	BoR Ofc - PDB	\$ 450,000	UJHC Building Usage Funds	N/A		N/A	
Fire Protection Systems Replacement (Multiple Projects)	BoR Ofc - PDB	200,000	UJHC Building Usage Funds	N/A			
<b>Subtotal</b>		<b>\$ 650,000</b>					
<b>New Building Construction</b>							
Iowa River Landing II	PTP; BoR Ofc - AE	TBD					
<b>Subtotal</b>		<b>\$ -</b>					
<b>Remodel/Renovation</b>							
Pediatric Specialty Clinic Expansion and Conference Center Development <sup>2,3</sup>	PDB, SD; BoR Ofc - PS	\$ 39,000,000	UJHC Bldg Usage Funds				
Level 3 JCP - Relocation of Adult Bone Marrow Transplant Unit	PTP; BoR Ofc - AE	1,854,000	UJHC Bldg Usage Funds	N/A		N/A	
Utility Enabling Projects for University of Iowa Hospitals and Clinics <sup>3</sup>	PDB	11,998,000	UJHC Bldg Usage Funds	N/A		N/A	
Old Capitol Mall Backfill	PTP, PDB, SD; BoR Ofc - AE, PS	11,510,000	UJHC Bldg Usage Funds	N/A		N/A	
Relocation of Materials Services Processed Stores	PTP; BoR Ofc - AE	10,175,000	UJHC Bldg Usage Funds	N/A		N/A	
Relocation of Cardiovascular Procedure Recovery Unit	PTP; BoR Ofc - AE	9,940,000	UJHC Bldg Usage Funds	N/A		N/A	
Linear Accelerator Replacement - Phase 2 - Vaults C & D	PTP, PDB, SD; BoR Ofc - AE, PS	7,350,000	UJHC Bldg Usage Funds	N/A		N/A	
Relocation of Neurology and Neonatology Faculty Offices	PTP, PDB, SD; BoR Ofc - AE, PS	7,120,000	UJHC Bldg Usage Funds	N/A		N/A	
University of Iowa Hospitals and Clinics Entrance Plaza Landscaping <sup>3</sup>	PDB	6,256,000	UJHC Bldg Usage Funds	N/A		N/A	
Colloton Pavilion LL L-3 Replacement of Air Handling Units (AHU's)	PTP, PDB; BoR Ofc - AE	6,150,000	UJHC Bldg Usage Funds	N/A		N/A	
Replacement of Current Pediatric Catheterization Laboratory	PTP, SD, PDB; BoR Ofc - AE, PS	6,067,511	UJHC Bldg Usage Funds	N/A		N/A	
Pathology Core Lab Expansion - 6 RCP <sup>3</sup>	PTP, SD, PDB; BoR Ofc - AE, PS	6,000,000	UJHC Bldg Usage Funds	N/A		N/A	
Labor & Delivery Expansion Phase 2	PTP, SD, PDB; BoR Ofc - AE, PS	4,330,000	UJHC Bldg Usage Funds	N/A		N/A	
Main Arrival Lobby Renovation	PTP, SD, PDB; BoR Ofc - AE, PS	4,150,000	UJHC Bldg Usage Funds	N/A		N/A	
Central Sterilizing Service - AHU 23 Replacement	PTP, SD, PDB; BoR Ofc - AE, PS	2,401,000	UJHC Bldg Usage Funds	N/A		N/A	
Main OR Air Handling Fan Array Installation	PTP, SD, PDB; BoR Ofc - AE, PS	2,025,000	UJHC Bldg Usage Funds	N/A		N/A	
Level 6 Carver Pavilion Family Lounge Development and Investigational Drug Pharmacy Relocation	BoR Ofc - AE, PDB	1,603,750	UJHC Bldg Usage Funds	N/A		N/A	
Water System Treatment - Chlorine Dioxide System	BoR Ofc - AE, PDB	1,000,000	UJHC Bldg Usage Funds	N/A		N/A	
MRI Suite Safety Renovation	BoR Ofc - PDB	997,500	UJHC Bldg Usage Funds	N/A		N/A	
Colloton Pavilion Electrical Power Cross Connect	BoR Ofc - PDB	787,500	UJHC Bldg Usage Funds	N/A		N/A	
Main Lobby Entry Heating System - Level 1 RCP	BoR Ofc - PDB	750,000	UJHC Bldg Usage Funds	N/A		N/A	
PET Exhaust Compliance Corrections	BoR Ofc - PDB	687,000	UJHC Bldg Usage Funds	N/A		N/A	
PPF East and West Entrance Replacement	BoR Ofc - PDB	402,500	UJHC Bldg Usage Funds	N/A		N/A	
<b>Subtotal</b>		<b>\$ 159,241,761</b>					
<b>TOTAL</b>		<b>\$ 159,891,761</b>					

TABLE 1 (Cont)  
UNIVERSITY OF IOWA OF HOSPITALS AND CLINICS  
ANTICIPATED NEW CAPITAL PROJECTS - FY 2016 - SUMMARY BY PROJECT CATEGORY

Project Categories / Project	FY 2016 Anticipated Requested Board / Board Office Action(s) <sup>1</sup>	Estimated Total Project Cost	Anticipated Source of Construction Fund(s)	Annual Capital Renewal Amount	Capital Renewal Source(s)	Estimated Annual Operating Costs	Operating Fund(s) Source(s)
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<sup>1</sup> Key: PTP - Permission to Proceed with Project Planning; AE - Architect/Engineer Selection/ Agreement; SD - Schematic Design;

PS - Program Statement; PDB - Project Description and Budget; TBD - To Be Determined

<sup>2</sup> Board previously granted permission to proceed with this project

<sup>3</sup> Approvals requested at June 2015 meeting.

**SUMMARY BY SOURCE OF FUNDS**

Income from Treasurer's Temporary Investments	
UHC Building Usage Funds	\$ 159,891,761
Gifts	
UHC Bonds	
<b>TOTAL</b>	<b>\$ 159,891,761</b>

UHC added the following note to its FY 2016 capital plan:  
As previously noted, all of the projects identified on UHC's FY 2016 Capital Plan are contingent on the availability of self-generated UI Hospitals and Clinics funding, approval through UHC's annual capital budget process, conclusions and recommendations adopted in finalizing UHC's strategic facilities plan for FY 2006 - 2035, and approval of each project by the Board of Regents, State of Iowa. Also, the "cutting edge" responsibility of the UHC constantly brings about some revision in planning. While the foregoing capital plan includes all projects now envisioned for FY 2016, it is possible that the dynamics of clinical service-educational demands and corollary societal forces and accreditation regulatory requirements will necessitate other projects. In accord with long-standing practice, any such changes that arise will be fully documented for consideration and approval by the Board of Regents, State of Iowa.



TABLE 2  
IOWA STATE UNIVERSITY  
ANTICIPATED NEW CAPITAL PROJECTS - FY 2016 - SUMMARY BY PROJECT CATEGORY

<u>Project Categories/Project</u>	<u>FY 2016 Requested Board/ Board Office Action(s)</u> <sup>1</sup>	<u>Estimated Total Project Cost</u>	<u>Anticipated Source of Construction Fund(s)</u>	<u>Annual Capital Renewal Amount</u>	<u>Capital Renewal Sources</u>	<u>Estimated Annual Operating Costs</u>	<u>Operating Fund Source(s)</u>
<b>Building/Deferred Maintenance (non-utility)</b>							
Building Repairs		\$ 5,645,000	General Fund - Building Repair	N/A		N/A	
<b>Subtotal</b>		<b>\$ 5,645,000</b>					
<b>Utility/Deferred Maintenance</b>							
High Voltage Switchgear 11A and 11B Replacement	BoR Ofc - PDB	\$ 600,000	Utility System Repair Funds	N/A		N/A	
Utilities - Station Power Improvements	PDB	3,000,000	Utility System Repair Funds	N/A		N/A	
<b>Subtotal</b>		<b>\$ 3,600,000</b>					
<b>New Building Construction</b>							
Biosciences Facilities <sup>2,3</sup>	SD, PDB	\$ 50,000,000	Capital Appropriations	\$ 1,200,000	Colleges of Liberal Arts and Sciences & Ag and Life Sciences	\$ 1,400,000	Colleges of Liberal Arts and Sciences, & Ag and Life Sciences
		10,000,000	Private Giving				
		20,000,000	University Funds				
		\$ 80,000,000					
Student Innovation Center	PTP; BoR Ofc - AE, PS	\$ 40,000,000	Future State Appropriations	1,200,000	Colleges of Eng. and Design	1,700,000	Colleges of Eng. and Design
		40,000,000	Private Giving				
		\$ 80,000,000					
<b>Subtotal</b>		<b>\$ 167,450,000</b>					
<b>Remodel/Renovation</b>							
Dept. of Res. (DoR) - Freeman Restrooms, Student Room and Corridor Flooring		\$ 525,000	Residence System	N/A		N/A	
Dept. of Res. - Lyon Restrooms and Student Room Flooring	BoR Ofc - PDB	500,000	Residence System	N/A		N/A	
Dept. of Res. - Barton Restrooms and Student Room Flooring	BoR Ofc - PDB	500,000	Residence System	N/A		N/A	
DoR - Buchanan Shower Replacement, Flooring Life Cycle	PTP, SD, PDB; BoR Ofc - AE, PS	3,200,000	Residence System	N/A		N/A	
Forker Building - Kinesiology Renovation <sup>2</sup>	SD, PDB; BoR Ofc - AE, PS	5,350,000	University Funds	N/A		\$23,000	Colleges of Human Sciences
Pearson Hall Classroom Improvement	BoR Ofc - AE, PS, PDB	1,500,000	University Funds	N/A		N/A	
Support Services - Knapp, Storms and Food Stores	BoR Ofc - PDB	500,000	ISU Dining	N/A		N/A	
<b>Subtotal</b>		<b>\$ 12,075,000</b>					

TABLE 2  
IOWA STATE UNIVERSITY  
ANTICIPATED NEW CAPITAL PROJECTS - FY 2016 - SUMMARY BY PROJECT CATEGORY

Project Categories/Project	FY 2016 Anticipated Requested Board / Board Office Action(s) <sup>1</sup>	Estimated Total Project Cost	Anticipated Source of Construction Fund(s)	Annual Capital Renewal Amount	Capital Renewal Sources	Estimated Annual Operating Costs	Operating Fund Source(s)
<b>Utilities Expansion</b>							
Utilities - Power Plant - Chiller #6 Installation	PTP, PDB; BoR Ofc - AE, PS	10,000,000	Utility System Repair Funds	N/A		N/A	
<b>Subtotal</b>		<b>\$ 10,000,000</b>					
<b>Other</b>							
Jack Trice Stadium Improvements - Phase 3 Green Space <sup>2</sup>	SD, PDB; BoR Ofc - AE, PS	\$ 7,000,000	Private Giving Athletics				
		3,000,000					
		<b>\$ 10,000,000</b>					
Memorial Union Fountain Entry Landscape Renovation	BoR Ofc - PDB	335,000	University Funds	N/A		\$21,000	University Funds
Maple Willow Larch Field Improvements	BoR Ofc - AE, PDB	1,300,000	Recreation Services	N/A		\$20,000	Recreation Svcs.
College Creek Pedestrian Crossing	BoR Ofc - PDB	500,000	Recreation Services	N/A		N/A	
<b>Subtotal</b>		<b>\$ 12,135,000</b>					
<b>Total</b>		<b>\$ 210,905,000</b>					
<b>SUMMARY BY SOURCE OF FUNDS</b>							
Capital Appropriations / Future Capital Appropriations		\$ 90,000,000					
Operating Budget - Building Repair Funds		5,645,000					
University Funds		27,185,000					
Utility Enterprise Funds and Bonds		13,600,000					
Dormitory System Bonds and Improvement Funds		4,725,000					
Athletics		3,000,000					
Recreation Services		1,800,000					
Private Giving		64,450,000					
ISU Dining		500,000					
<b>Total</b>		<b>\$ 210,905,000</b>					

<sup>1</sup>Key: PTP - Permission to Proceed with Project Planning; AE - Architect/Engineer Selection/ Agreement; SD - Schematic Design;

PS - Program Statement; PDB - Project Description and Budget; TBD - To Be Determined.

<sup>2</sup>Request for permission to proceed with project planning previously granted

<sup>3</sup> Requested approvals on June 2015 capital register

TABLE 3  
UNIVERSITY OF NORTHERN IOWA  
ANTICIPATED NEW CAPITAL PROJECTS - FY 2016 - SUMMARY BY PROJECT CATEGORY

Project Categories/Project	FY 2016 Anticipated Requested Board / Board Office Action(s) <sup>1</sup>	Estimated Total Project Cost	Anticipated Source of Construction Fund(s)	Annual Capital Renewal Amount	Capital Renewal Source(s)	Estimated Annual Operating Costs	Operating Fund Source(s)
<b>Building Deferred Maintenance</b>							
Towers Dining Center Roof Replacement	BoR Ofc - PDB	\$ 500,000	Res. System Funds	N/A		N/A	
<b>Subtotal</b>		<b>\$ 500,000</b>					
<b>Remodel / Renovation</b>							
Schindler Education Center Renovation <sup>2,3</sup>	SD, PDB;	\$ 30,900,000 4,000,000	Capital Appropriations Gifts, Inst. Funds and/or Grants	N/A		N/A	
		\$ 34,900,000					
<b>Lawfther Hall Renovation<sup>2</sup></b>	SD, PDB; BoR Ofc - AE	\$ 21,000,000	Res. System Improv. Funds / Dorm Bonds	N/A		N/A	
<b>Subtotal</b>		<b>\$ 55,900,000</b>					
<b>Other</b>							
Institutional Roads 2016	BoR Ofc - PDB	\$ 362,000	Parks & Inst. Roads Funds	N/A		N/A	
<b>Subtotal</b>		<b>\$ 362,000</b>					
<b>Total</b>		<b>\$ 56,762,000</b>					

**SUMMARY BY SOURCE OF FUNDS**

Capital Appropriations	\$ 30,900,000
Dormitory (Residence System) Improvement / Bond Funds	21,500,000
Gifts, Inst. Funds and/or Grants	4,000,000
Institutional Roads Funds	362,000
<b>Totals</b>	<b>\$ 56,762,000</b>

<sup>1</sup> Key: PTP - Permission to Proceed with Project Planning; AE - Architect/Engineer Selection/ Agreement; SD - Schematic Design; PS - Program Statement; PDB - Project Description and Budget; TBD - To Be Determined

<sup>2</sup> Request for permission to proceed with project planning previously granted

<sup>3</sup> Requested approvals on June 2015 capital regist

**TABLE 4  
IOWA SCHOOL FOR THE DEAF  
ANTICIPATED NEW CAPITAL PROJECTS - FY 2016 - SUMMARY BY PROJECT CATEGORY**

<u>Project Categories/ Project</u>	<u>FY 2015 Anticipated Requested Board / Board Office Action(s)<sup>1</sup></u>	<u>Estimated Total Project Cost</u>	<u>Anticipated Source of Construction Fund(s)</u>	<u>Annual Capital Renewal Amount</u>	<u>Capital Renewal Source(s)</u>	<u>Estimated Annual Operating Costs</u>	<u>Operating Fund Source(s)</u>
Long Hall (High School) Roof Replacement	BoR Ofc - PDB	\$400,000	Restricted Funds				
		<u>\$400,000</u>					

**SUMMARY BY SOURCE OF FUNDS**

Restricted Funds	<u>\$400,000</u>
<b>Total</b>	<b><u>\$400,000</u></b>

<sup>1</sup> Key: PTP - Permission to Proceed with Project Planning; AE - Architect/Engineer Selection/ Agreement; SD - Schematic Design;  
PS - Program Statement; PDB - Project Description and Budget.  
TBD - To Be Determined

**TABLE 5  
IOWA BRAILLE AND SIGHT SAVING SCHOOL  
ANTICIPATED NEW CAPITAL PROJECTS - FY 2016 - SUMMARY BY PROJECT CATEGORY**

<u>Project Categories/ Project</u>	<u>FY 2015 Anticipated Requested Board / Board Office Action(s)<sup>1</sup></u>	<u>Estimated Total Project Cost</u>	<u>Anticipated Source of Construction Fund(s)</u>	<u>Annual Capital Renewal Amount</u>	<u>Capital Renewal Source(s)</u>	<u>Estimated Annual Operating Costs</u>	<u>Operating Fund Source(s)</u>
None							
<b>Total</b>		<u>\$ -</u>					

<sup>1</sup> Key: PTP - Permission to Proceed with Project Planning; AE - Architect/Engineer Selection/ Agreement; SD - Schematic Design;  
PS - Program Statement; PDB - Project Description and Budget.  
TBD - To Be Determined

TABLE 6  
STATUS REPORT  
PREVIOUSLY APPROVED PROJECTS WITH BUDGETS EXCEEDING \$1 MILLION  
FOR WHICH CONSTRUCTION IS SCHEDULED TO BE COMPLETED DURING FY 2016

		<b>Approved Project Budget</b>
<b><u>University of Iowa</u></b>		
General University	Art Building Replacement - Construct New Facility	\$ 77,263,400
	Becker Communications Studies Building - Replace VAV Diffusers, Install Direct Digital Control	1,866,662
	Biology Building - Implement Energy Improvements	1,356,609
	Biomedical Research Support Facility - Construct Facility	33,868,000
	Carver Biomedical Research Building - Implement Energy Improvements	1,753,532
	Dental Science Building - Renovate Galagan Auditoria	2,757,191
	Electrical Utility Enterprise Systems - Upgrade OREP Electric Generating Capacity	1,724,264
	Hancher Auditorium Replacement - Construct Facility	175,586,145
	Iowa Memorial Union - Flood Mitigation and Permanent Recovery	27,324,630
	Medical Education Building - Upgrade Building Systems	1,880,000
	Medical Laboratories - Renovate 3rd Floor South	2,998,707
	Library - Renovate Room 1001	1,461,921
	Lindquist Center - Upgrade Building Systems	1,445,769
	Oakdale Chilled Water Plant - Capacity Upgrades	5,625,100
	Power Plant - Repaint Stacks #10 and #11	1,444,629
	Stanley Hall - Renovate Restrooms and Replace Galvanized Piping	6,789,761
	Utilities Distribution System - Extend Chilled Water System near West Campus Residence Hall	4,100,000
	<b>Subtotal</b>	<b>\$ 349,246,320</b>
Hospitals and Clinics	UIHC Centralized Emergency Power Generation Facility	\$ 23,000,000
	Pediatric Cardiac Catheterization Laboratory Relocation / Expansion and Levels 3-6 John Pappajohn Pavilion Connectors to UI Children's Hospital	11,348,700
	Relocation of Pediatric and Psychiatry Departmental Offices	10,700,000
	Critical Air Handling Unit Upgrade - AHU 16 JCP	1,400,000
	<b>Subtotal</b>	<b>\$ 46,448,700</b>
<b><u>Iowa State University</u></b>		
	Farm House Lane - South Connection	\$ 1,270,000
	Forker Building - Kinesiology Exercise Intervention Remodel	1,400,000
	Hach Hall - Basement Research Laboratories	4,000,000
	Jack Trice Stadium Improvements - Phase 3 South End Zone	53,000,000
	Larch Residence Hall - Perimeter Wall Modifications	3,300,000
	Marston Hall Renovation	27,100,000
	Utilities - Haber Road Substation Expansion	4,850,000
	Utilities - Stoker Boiler Replacement	42,000,000
	<b>Subtotal</b>	<b>\$ 136,920,000</b>
<b><u>University of Northern Iowa</u></b>		
	East Bartlett HVAC - Room Heat Pumps & Piping Replacement	\$ 1,375,000
	Power Plant Air Regulation Compliance	2,850,000
	Power Plant Boiler #3 Wall Panel Replacement	1,250,000
	<b>Subtotal</b>	<b>\$ 5,475,000</b>
	<b>TOTAL</b>	<b>\$ 538,090,020</b>

TABLE 7  
STATUS REPORT  
PREVIOUSLY APPROVED PROJECTS WITH BUDGETS EXCEEDING \$1 MILLION  
FOR WHICH CONSTRUCTION IS SCHEDULED TO CONTINUE THROUGHOUT FY 2016

		<u>Approved Project Budget</u>
<b><u>University of Iowa</u></b>		
	Dental Science Building – Phase 2 – Renovate South Wing	\$ 48,000,000
	Madison Street Residence Hall - Construct Facility	95,000,000
	Pappajohn Biomedical Discovery Building - Vivarium Space Fit-Out	24,000,000
	School of Music Replacement Facility – Construct New Facility	152,045,596
	Steam Utility Enterprise Systems - Replace Riverside Drive / Grand Ave Steam Ph. 1	<u>10,691,408</u>
	<b>Subtotal</b>	<b>\$ 329,737,004</b>
Hospitals and Clinics	University of Iowa Children's Hospital	\$ 291,987,000
	UI Heart and Vascular Center Clinical Service Expansion and Consolidation	<u>17,782,000</u>
	<b>Subtotal</b>	<b>\$ 309,769,000</b>
<b><u>Iowa State University</u></b>		
	Friley Hall - Install Fire Sprinkler System	\$ 5,630,000
	Utilities - RCA East Steam Line Replacement	<u>1,033,760</u>
	<b>Subtotal</b>	<b>\$ 6,663,760</b>
<b><u>University of Northern Iowa</u></b>		
	None	
	<b>TOTAL</b>	<b><u>\$ 646,169,764</u></b>

TABLE 8  
STATUS REPORT  
PREVIOUSLY APPROVED PROJECTS WITH BUDGETS EXCEEDING \$1 MILLION  
FOR WHICH CONSTRUCTION IS SCHEDULED TO COMMENCE IN FY 2016

		<b>Approved Project Budget</b>
<b><u>University of Iowa</u></b>		
General University	Currier Residence Hall - Renovate 3rd and 4th Floors	\$ 3,200,000
	Hillcrest Residence Hall - Install Sprinklers in Student Rooms	1,937,000
	Pharmacy Building - Construct New Facility	96,300,000
	Power Plant - Air Regulations Compliance	15,800,000
	Rienow Hall - Upgrade Finishes on Floors 1-8	1,977,341
	Seamans Center for the Engineering Arts and Sciences - South Annex Addition	37,100,000
	Stanley Hall - Renovate Floors 1-7	1,990,058
	<b>Subtotal</b>	<b>\$ 158,304,399</b>
Hospitals and Clinics	Main OR Suite Operating Room Replacements	\$ 20,619,725
	Pneumatic Tube System Supplementation	1,968,600
	Labor and Delivery Suite Expansion	4,400,000
	<b>Subtotal</b>	<b>\$ 26,988,325</b>
<b><u>Iowa State University</u></b>		
	Buchanan Residence Hall - Building 2	\$ 49,500,000
	Friley Residence Hall - Dining Renovation	6,200,000
	<b>Subtotal</b>	<b>\$ 55,700,000</b>
<b><u>University of Northern Iowa</u></b>		
	None	
	<b>TOTAL</b>	<b>\$ 240,992,724</b>



TABLE 9  
STATUS REPORT  
PREVIOUSLY APPROVED PROJECTS WITH BUDGETS EXCEEDING \$1 MILLION  
FOR WHICH NO ACTIVITY IS ANTICIPATED IN FY 2016

		<b>Approved Project Budget</b>
<b><u>University of Iowa</u></b>		
General University	Utilities Distribution System - Extend Chilled Water (Grande Ave to Byington Rd)	\$ 3,428,947
	Iowa Memorial Union - Remodel & Deferred Maintenance	<u>22,000,000</u>
	<b>Subtotal</b>	<b>\$ 25,428,947</b>
Hospitals and Clinics	None	
 <b><u>Iowa State University</u></b>		
	None	
 <b><u>University of Northern Iowa</u></b>		
	None	
	<b>TOTAL</b>	<b><u>\$ 25,428,947</u></b>