

Contact: John Nash

FY 2017 ANNUAL CAPITAL PLANS

Requested Actions: Consider receiving the following:

1. Report on anticipated institutional FY 2017 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 2017 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 in Tables 1-5 for each of the institutions, 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:

<u>Table</u>	<u>FY 2017 Anticipated New Capital Projects</u>	<u>Amount</u>	<u>Page(s)</u>
1	University of Iowa	\$313,319,000	4-7
	University of Iowa Hospitals & Clinics	276,445,725	8-9
2	Iowa State University	377,020,000	10-12
3	University of Northern Iowa	4,317,000	13
4	Iowa School for the Deaf	-----	14
5	Iowa Braille and Sight Saving School	-----	15
Total		\$971,101,725	

The FY 2017 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 below list the projects in each category.

<u>Table</u>	<u>Status Reports</u>	<u>Amount</u>	<u>Page</u>
6	Previously Approved Projects with Budgets Exceeding \$1 Million for Which Construction is <u>Scheduled to be Completed</u> during FY 2017	\$ 944,502,643	16
7	Previously Approved Projects with Budgets Exceeding \$1 Million for Which Construction is <u>Scheduled to Continue</u> throughout FY 2017	285,012,666	17
8	Previously Approved Projects with Budgets Exceeding \$1 Million for Which Construction is <u>Scheduled to Commence</u> in FY 2017	104,024,947	18

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 2017 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 2017 Anticipated New Capital Projects (Tables 1-5)
By Type of Project**

	<u>Amount</u>
Fire and Environmental Safety	\$ 3,200,000
Building Deferred Maintenance	18,345,000
New Building Construction	502,500,000
Utility Expansion/Improvements/Deferred Maintenance	106,082,000
Remodel/ Renovation	325,342,725
Parking	7,990,000
Other	7,642,000
Total	\$971,101,725

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

FY 2017 Anticipated New Capital Projects (Tables 1-5)
By Source of Funds

	<u>Amount</u>
Improvement Funds and Revenue Bonds of Self-Supporting Enterprises	\$419,421,000
UIHC Building Usage Funds	116,445,725
Capital Appropriations / Future Capital Appropriations	140,625,000
Gifts, Earnings and Fees; Grants (including debt service)	20,000,000
Facilities & Administrative Indirect Cost Recoveries	825,000
Building Repair / Building Renewal / General Fund / University Funds	66,288,000
Treasurer's Temporary Investment Income	32,790,000
Master Lease	3,200,000
Gifts	117,000,000
Other (or combination of sources)	54,507,000
Total	\$971,101,725

The listing of all new, anticipated projects on Tables 1-5, 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 2017 - SUMMARY BY PROJECT CATEGORY**

Project Categories/Project	FY 2017 Anticipated Requested Board/Board Office Action(s)¹	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)
Fire & Environmental Safety							
Various Locations - Upgrades Per State Fire Marshal's Office Inspections	Inst. - PDB	\$ 50,000	Building Renewal, Treasurer's Temporary Investments	N/A		N/A	
Various Locations - Sprinkler System Improvements	BoR Ofc - PDB	1,550,000	Building Renewal, Treasurer's Temporary Investments	N/A		N/A	
Various Locations - Install or Replace Fire Alarm Systems	BoR Ofc - PDB	250,000	Building Renewal, Treasurer's Temporary Investments	N/A		N/A	
Various Locations - Arc-flash System Analysis	BoR Ofc - PDB	500,000	Building Renewal, Treasurer's Temporary Investments	N/A		N/A	
Subtotal		\$ 2,350,000					
Building Deferred Maintenance (non-utility)							
Various Campus Projects	BoR Ofc / Inst. - PDB	\$ 5,345,000	Building Renewal, Treasurer's Temporary Investments	N/A		N/A	
Subtotal		\$ 5,345,000					
New Building Construction							
Museum of Art - New Facility - Construct Facility ³	PS, PTP	40,000,000	Revenue Bonds Revenue Bonds, Tippie College of Business	\$600,000	Note A & B \$750,000	GEF	
Tippie College of Business Facility and Entrepreneurial Center	PTP	30,000,000	Tippie College of Business	\$450,000	Note A & B \$500,000	GEF	
Subtotal		\$ 70,000,000					

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Remodel/Renovation							
Bowen Science Building - Modernize Building Systems ²	PDB	\$ 18,500,000	Building Renewal, Treasurer's Temporary Investment Income, F&A Indirect Cost Recoveries				
Bowen Science Building - Renovate 6th Floor	PTP	2,915,000	Treasurer's Temporary Investment Income				
Burge Residence Hall - Renovate Marketplace Dish Room	PDB	300,000	Dormitory				
Carver College of Medicine - Renovate Miscellaneous Labs	PDB	400,000	Treasurer's Temporary Investment Income				
Carver-Hawkeye Arena - Install A/V and Lighting Upgrades	PDB	1,200,000	Athletics				
College of Nursing Building - Building Modifications	PDB, SD	22,500,000	Building Renewal, Treasurer's Temporary Investment Income, College of Nursing Treasurer's Temporary Investment Income				
Eckstein Medical Research Building - Renovate Lab Floors 1, 2, 4 and 5	PS, PDB, SD	3,400,000	Treasurer's Temporary Investment Income				
Gerdin Athletic Learning Center - Renovation and Build Out of 3rd Floor ²	PDB	5,000,000	Athletics				
Gilmore Hall - Renovate Restrooms	PDB	682,000	Building Renewal				
Hansen Football Performance Center - Renovate Space for Additional Office and Storage	PDB	1,000,000	Athletics				
Hillcrest Residence Hall - Replace Vanities and Plumbing ³	PTP	3,330,000	Dormitory				
Hillcrest Residence Hall - Renovate North Courtyard	PDB	300,000	Dormitory				
Kinnick Stadium - Modifications to North End Zone	PS, PDB, SD	75,000,000	Revenue Bonds, Athletics				
Library - Modernization - Phase 2	PTP, BoR Ofc - AE	TBD	Building Renewal, Treasurer's Temporary Investment Income				
Medical Research Facility - Renovate 4th and 5th Floors	PDB	1,425,000	Treasurer's Temporary Investment Income				
Medical Research Center - Renovate 3rd Floor	PTP	2,500,000	Treasurer's Temporary Investment Income				
Recreation Building - Install Indoor Track	PDB	3,200,000	Master Lease				
Rienow Hall - Masonry Repairs	PDB	500,000	Dormitory				
Stanley Hall - Renovate Elevator Lobbies and Elevator Cab, Floors 1-4	PDB	400,000	Dormitory				
University Capitol Centre - Renovate Suite 2700 for the Center for Diversity and Enrichment	PTP	2,000,000	Treasurer's Temporary Investment Income				
Subtotal		\$144,552,000					

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Utility Expansion/Improvements							
Chilled Water Utility Enterprise Systems - Construct Hoists	PDB	\$ 582,000	Utility System Renewal & Improvement Fund	N/A		N/A	
High Quality System – Pharmaceutical Services Solid Manufacturing	PDB	350,000	Utility System Renewal & Improvement Fund	N/A		N/A	
Power Plant - Air Compressor Replacement	PDB	1,000,000	Utility System Renewal & Improvement Fund	N/A		N/A	
Power Plant - Boiler 11 Air Heater Retube	PDB	500,000	Utility System Renewal & Improvement Fund	N/A		N/A	
Power Plant - Capacity Expansion ³	PTP, BoR Ofc - AE, PDB	40,000,000	Revenue Bonds				
Power Plant - Replace Boiler 11 Vortex Finders	PDB	500,000	Utility System Renewal & Improvement Fund	N/A		N/A	
Steam Utility Enterprise Systems - Replace Riverside Drive/Grand Avenue Steam Distribution System - Phase 2 ²	PDB	15,196,000	Revenue Bonds	N/A		N/A	
Utilities Distribution System - Install New Electrical Switchgear and Transformer at Hospital West Sub	PDB	520,000	Utility System Renewal & Improvement Fund	N/A		N/A	
Utilities Distribution System - Permanent Repairs of Vault G-10	PDB	320,000	Utility System Renewal & Improvement Fund	N/A		N/A	
Utilities Distribution System - Psychology Seashore Hall Area Work	PDB	1,400,000	Treasurer's Temporary Investment Income				
Utilities Distribution System - Replace Domestic Water Line - Carver Hawkeye Arena - Phase 2	PDB	550,000	Utility System Renewal & Improvement Fund	N/A		N/A	
Utilities Distribution System – Replacement of the Old Capitol Tunnel	PTP	12,000,000	Utility System Renewal & Improvement Fund	N/A		N/A	
Water Plant - Install Reverse Osmosis System	PDB	6,164,000	Utility System Renewal & Improvement Fund				
Subtotal		\$ 79,082,000					
Parking Improvements							
Parking Lots and Ramps - Expand Lot 55 and Construct Roadway Section	PTP, PDB	\$ 2,250,000	Parking & Trans. Renewal & Improvement Fund				
Parking Lots and Ramps - Annual Maintenance for Ramps	PDB	1,000,000	Parking & Trans. Renewal & Improvement Fund				
Parking Lots and Ramps - Annual Maintenance for Surface Lots	PDB	400,000	Parking & Trans. Renewal & Improvement Fund				
Parking Lots and Ramps - Construct Permanent Transit Structures	PDB	300,000	Parking & Trans. Renewal & Improvement Fund				
Parking Lots and Ramps - Relamp Hospital Ramp #4 with LED	PDB	300,000	Parking & Trans. Renewal & Improvement Fund				
Parking Lots and Ramps - Reconfigure Parking Lot 36	PDB	340,000	Parking & Trans. Renewal & Improvement Fund				
Parking Lots and Ramps - Reconfigure Parking Lot 65 Phase 1	PDB	400,000	Parking & Trans. Renewal & Improvement Fund				
Parking Lots and Ramps - Supplement Safety Barriers	PTP	3,000,000	Parking & Trans. Renewal & Improvement Fund				
Subtotal		\$ 7,990,000					

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Other							
Institutional Roads - Reconstruct Crosspark Road	PDB	\$ 1,000,000	Institutional Roads Funds				
Kinnick Stadium and Paul W. Brechler Press Box - Install Distributed Antenna System	PDB	3,000,000	Athletics				
Subtotal		\$ 4,000,000					
University of Iowa, General University Total		\$313,319,000					
		(+ TBD)					

Renewal Strategy Summary Note:

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	\$ 20,052,000
Treasurer's Temporary Investment Income	\$ 32,540,000
State Capital Appropriations	
Revenue Bonds	\$165,196,000
Grant Funds (Federal and State)	
Auxiliary Unit/Collegiate Gifts and Earnings #	\$ 55,200,000
Renewal & Improvement Fund @	\$ 35,306,000
Institutional Roads Funds	\$ 1,000,000
Master Lease	\$ 3,200,000
Energy Savings Reinvestment (FM - Energy Mgt Funds)	
Insurance Proceeds	
Gifts	
Flood Recovery Resources (insurance, federal, state, university)	
F&A Indirect Cost Recoveries	825,000
University of Iowa, General University Total	\$313,319,000

*** Auxiliary Unit / Collegiate Gifts and Earnings**

College of Liberal Arts & Sciences	
Carver College of Medicine	
College of Law	
Athletics	\$ 35,200,000
College of Education	
Student Health	
Tippie College of Business	\$ 10,000,000
College of Nursing	10,000,000
Subtotal	\$ 55,200,000

**** Renewal & Improvement Fund**

Dormitory	\$ 4,830,000
Utility System	\$ 22,486,000
Parking and Transportation	7,990,000
Subtotal	\$ 35,306,000

¹ 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

² Board previously granted permission to proceed with this project

³ Approvals requested at June 2016 meeting

**TABLE 1 (Cont)
UNIVERSITY OF IOWA OF HOSPITALS AND CLINICS
ANTICIPATED NEW CAPITAL PROJECTS - FY 2017 - SUMMARY BY PROJECT CATEGORY**

Project Categories/Project	FY 2017 Anticipated Requested Board/Board Office Action(s)¹	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)
Fire and Environmental Safety							
Joint Commission Plan for Improvements (Multiple Projects)	BoR Ofc - PDB	\$ 450,000	UIHC Building Usage Funds	N/A		N/A	
Fire Protection Systems Replacement (Multiple Projects)	BoR Ofc - PDB	400,000	UIHC Building Usage Funds	N/A			
Subtotal		\$ 850,000					
New Building Construction							
Iowa River Landing South ³	PTP; BoR Ofc - AE	100,000,000	UIHC Building Usage Funds & Bonds, Gifts				
Subtotal		\$100,000,000					
Remodel/Renovation							
Level 2 PFP - HCCC Pharmacy Remodel	BoR Ofc - PDB	\$ 381,200	UIHC Building Usage Funds & Bonds	-	NA	-	NA
Level 2 PFP - Infusion Suite Chair Expansion	BoR Ofc - PDB	402,700	UIHC Building Usage Funds & Bonds	-	NA	-	NA
Level 2 JCP - Conversion to Temporary Adult Acute Care Unit	BoR Ofc - PDB	525,000	UIHC Building Usage Funds & Bonds				
Level 7 RCP - Conversion to Temporary Adult Acute Care unit	BoR Ofc - PDB	725,000	UIHC Building Usage Funds & Bonds	-	NA	-	NA
Old Capital Mall Backfill	BoR Ofc - PDB	1,950,000	UIHC Building Usage Funds & Bonds	-	NA	-	NA
Cath Lab #4 Renovation	PTP, BoR Ofc - AE, PS, PDB, SD	2,012,825	UIHC Building Usage Funds & Bonds	-	NA	-	NA
Level 2 RCP - Neurology Clinic Expansion	PTP, BoR Ofc - AE, PS, PDB, SD	2,091,000	UIHC Building Usage Funds & Bonds	-	NA	-	NA
Level 4 JCP - Center for Digestive Diseases Clinic Expansion	PTP, BoR Ofc - AE, PS, PDB, SD	2,282,000	UIHC Building Usage Funds & Bonds	-	NA	-	NA
Level 3 JPP - Radiology Support Space Renovation ³	PTP, BoR Ofc - AE, PS, PDB, SD	3,420,000	UIHC Building Usage Funds & Bonds	-	NA	-	NA
X-Ray Fluoro - Interventional Suite	BoR Ofc - AE, PS, PDB, SD	3,666,000	UIHC Building Usage Funds & Bonds	-	NA	-	NA
Level 7 JCP - Relocation of Inpatient Dialysis	PTP, BoR Ofc - AE, PS, PDB, SD	4,000,000	UIHC Building Usage Funds & Bonds				
Main Lobby Renovation	PTP, BoR Ofc - AE, PS, PDB, SD	4,150,000	UIHC Building Usage Funds & Bonds	-	NA	-	NA
Relocation of Materials Services Processed Stores	BoR Ofc - AE, PS, PDB, SD	5,000,000	UIHC Building Usage Funds & Bonds	-	NA	-	NA
MRI Suite Safety and PET/MR Expansion and Renovation	PTP, BoR Ofc - AE, PS, PDB, SD	5,400,000	UIHC Building Usage Funds & Bonds	-	NA	-	NA
Gamma Knife	PTP, BoR Ofc - AE, PS, PDB, SD	5,400,000	UIHC Building Usage Funds & Bonds	-	NA	-	NA
Level 6 JPP - Labor & Delivery Expansion Phase 2	PTP, BoR Ofc - AE	5,800,000	UIHC Building Usage Funds & Bonds	-	NA	-	NA
Level 8 JPP - Relocation of Neurology and Neonatology Faculty Offices	BoR Ofc - AE, PS, PDB, SD	7,120,000	UIHC Building Usage Funds & Bonds	-	NA	-	NA
Relocation of Cardiovascular Procedure Recovery Unit	BoR Ofc - AE, PS, PDB, SD	9,940,000	UIHC Building Usage Funds & Bonds	-	NA	-	NA
MRI Linear Accelerator	PTP, BoR Ofc - AE, PS, PDB, SD	10,500,000	UIHC Building Usage Funds & Bonds	-	NA	-	NA
Center for Procedural Skills and Simulation - Laboratory Development (multiple projects)	AE, PS, PDB, SD	15,000,000	UIHC Building Usage Funds & Bonds	-	NA	-	NA
Level 7 JCP - Relocation of the Burn Treatment Center	BoR Ofc - AE, PS, PDB, SD	15,200,000	UIHC Building Usage Funds & Bonds	-	NA	-	NA
Level 7 JPP - Relocation of RSCCU/Palliative Care Unit	BoR Ofc - AE, PS, PDB, SD	15,289,000	UIHC Building Usage Funds & Bonds	-	NA	-	NA
Level 3 JCP - Relocation of Acute Leukimia and Bone Marrow Transplant Unit	BoR Ofc - AE, PS, PDB, SD	15,341,000	UIHC Building Usage Funds & Bonds	-	NA	-	NA
Level 6 RCP - Pathology Core Lab Expansion	BoR Ofc - AE, PS, PDB, SD	20,000,000	UIHC Building Usage Funds & Bonds	-	NA	-	NA
LL JCP - Central Sterilizing Service Renovation and Expansion	BoR Ofc - AE, PS, PDB, SD	20,000,000	UIHC Building Usage Funds & Bonds	-	NA	-	NA
Subtotal		\$175,595,725					
University of Iowa Hospitals and Clinics Total		\$276,445,725					

TABLE 1 (Cont)
UNIVERSITY OF IOWA OF HOSPITALS AND CLINICS
ANTICIPATED NEW CAPITAL PROJECTS - FY 2017 - SUMMARY BY PROJECT CATEGORY

Project Categories/Project	FY 2017 Anticipated Requested Board/Board Office Action(s)¹	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)
SUMMARY BY SOURCE OF FUNDS							
Gifts		\$ 20,000,000					
UIHC Building Usage Funds		\$116,445,725					
UIHC Bonds		\$140,000,000					
University of Iowa Hospitals and Clinics Total		<u>\$276,445,725</u>					

¹ 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

² Board previously granted permission to proceed with this project

³ Approvals requested at June 2016 meeting

UIHC added the following note to its FY 2017 capital plan:

As previously noted, all of the projects identified on UIHC's FY 2017 Capital Plan are contingent on the availability of self-generated UI Hospitals and Clinics funding, approval through UIHC's annual capital budget process, conclusions and recommendations adopted in finalizing UIHC'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 UIHC constantly brings about some revision in planning. While the foregoing capital plan includes all projects now envisioned for FY 2017, 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 2017 - SUMMARY BY PROJECT CATEGORY

Project Categories/Project	FY 2017 Anticipated Requested Board/Board Office Action(s) ¹	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)
Building Deferred Maintenance (non-utility)							
Building Repairs		\$ 5,500,000	General Fund - Building Repair	N/A		N/A	
Subtotal		\$ 5,500,000					
Utility Deferred Maintenance							
Stoker Building Tuck Pointing and Roof Replacement	BoR Ofc - AE, BoR Ofc - PDB	\$ 1,000,000	Utility System Repair Funds	N/A		N/A	
Station Power Improvements	PTP; BoR Ofc - AE, PDB	3,000,000	Utility System Repair Funds				
Power Plant Turbine Generator #5 Overhaul	BoR Ofc - PDB	500,000	Utility System Repair Funds				
Iowa State Center- Replace Steam Distribution System	PTP, BoR Ofc - AE, PDB	2,500,000	Utility System Repair Funds	N/A		N/A	
Subtotal		\$ 7,000,000					
New Building Construction							
Student Innovation Center	PDB, SD	\$ 40,000,000	State Appropriations	\$1,200,000	Colleges of Eng. and Design	\$ 1,700,000	Colleges of Eng. and Design
		40,000,000	Private Giving				
Subtotal		\$ 80,000,000					
Poultry Research and Teaching Facilities	PTP, BoR Ofc - AE, PS, PDB, SD	5,000,000	Private Giving	N/A		N/A	
Subtotal		\$ 5,000,000					
Hixson-Lied Academic Center Addition	PTP, BoR Ofc - AE, PS	3,750,000	Athletics	\$105,000	Athletics	\$120,000	Athletics
		3,750,000	Private Giving				
Subtotal		\$ 7,500,000					
Towers Community Project	PTP, BoR Ofc - AE, PS, SD	35,000,000	Dormitory Improvement Bonds	\$1,800,000	Residence, Dining, Rec Services	\$2,400,000	Residence, Dining, Rec Services
		25,000,000	Dining				
		15,000,000	Other (Recreation Services)				
		45,000,000	Private Giving				
Subtotal		\$120,000,000					
Veterinary Diagnostic Laboratory	PTP	100,000,000	Future State Appropriations	\$1,800,000	College of Veterinary Medicine	\$1,600,000	College of Veterinary Medicine
		3,000,000	Private Giving				
		17,000,000	University Funds				
Subtotal		\$120,000,000					
Subtotal		\$332,500,000					

TABLE 2
IOWA STATE UNIVERSITY
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Project Categories/Project	FY 2017 Anticipated Requested Board/Board Office Action(s)¹	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)
Remodel/Renovation							
Department of Residence- Frederickson Court Buildings	BoR Ofc - PDB	\$ 900,000	Residence System	N/A		N/A	
Department of Residence- Barton, Lyon, and Freeman Halls- Roof Replacement	BoR Ofc - PDB	450,000	Residence System	N/A		N/A	
Department of Residence- Birch, Welch, Roberts and Barton Windows	BoR Ofc - PDB	995,000	Residence System	N/A		N/A	
Department of Residence- Schlitter Village- External Improvements Phase 1	BoR Ofc - PDB	300,000	Residence System	N/A		\$23,000	Colleges of Human Sciences
Department of Residence- Friley Corridor Ceiling Installation	BoR Ofc - PDB	250,000	Residence System	N/A		N/A	
Town Engineering Active Learning Classrooms	BoR Ofc - PDB	250,000	University Funds	N/A		N/A	
		250,000	Private Giving				
Subtotal		\$3,395,000					
Utilities Expansion							
Increase Chilled Water Capacity ²	PTP, BoR Ofc - AE, PDB	\$ 22,000,000	Utility Revenue Bonds, Utility Enterprise	N/A			
Chilled Water Distribution Improvements ²	PTP, BoR Ofc - AE, PDB	5,000,000	Utility Enterprise	N/A		N/A	
Subtotal		\$27,000,000					
Other							
New Parking Lot	BoR Ofc - AE, BoR Ofc - PDB	\$1,000,000	Parking Division	N/A			
Institutional Roads- University Blvd and Wallace Road Traffic Signal	BoR Ofc - PDB	325,000	Institutional Roads	N/A			
Institutional Roads- Pavement Preservation	BoR Ofc - PDB	300,000	Institutional Roads	N/A		\$21,000	University Funds
Subtotal		\$1,625,000					
Iowa State University Total		\$377,020,000					

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SUMMARY BY SOURCE OF FUNDS

State Appropriations / Future							
State Appropriations / Academic							
Building Revenue Bond							
Proceeds		\$140,625,000					
General Fund - Operating							
Budget Building Repair Funds		5,500,000					
University Funds		18,250,000					
Utility Enterprise Funds and Bonds		34,000,000					
Dormitory Improvement Funds and Bonds		37,895,000					
Private Giving		97,000,000					
Other (Recreation Services)		15,000,000					
Athletics		3,750,000					
TSU Dining		25,000,000					
Iowa State University Total		\$377,020,000					

¹ 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

² Board previously granted permission to proceed with this project

³ Approvals requested at June 2016 meeting

TABLE 3
UNIVERSITY OF NORTHERN IOWA
ANTICIPATED NEW CAPITAL PROJECTS - FY 2017 - SUMMARY BY PROJECT CATEGORY

Project Categories/Project	FY 2017 Anticipated Requested Board/Board Office Action(s)¹	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)
Building Deferred							
Maintenance							
Towers Dining Center Roof Replacement	BoR Ofc - PDB	\$ 500,000	Residence System Funds	N/A		N/A	
Subtotal		\$ 500,000					
Remodel / Renovation							
Noehren Hall Restroom Renovation	BoR Ofc - AE, BoR Ofc - PDB	\$ 1,800,000	Residence System Funds	NA		NA	
Subtotal		\$ 1,800,000					
Other							
Institutional Roads 2017	BoR Ofc - PDB	\$ 417,000	Funds	NA		NA	
Tennis Complex Project Phase 1	BoR Ofc - AE, BoR Ofc - PDB	1,600,000	City of Cedar Falls, Cedar Falls Schools, Gifts, Grants, UNI Athletics and Wellness Recreation, Center Dept. Funds and Treasurer's Temp. Investment Income	NA		NA	
Subtotal		\$ 2,017,000					
University of Northern Iowa Total		\$ 4,317,000					

SUMMARY BY SOURCE OF FUNDS

Capital Appropriations / Academic Building Revenue Bond Proceeds	\$ -
General Fund - Operating Budget Building Repair Funds	-
Income from Treasurer's Temporary	250,000
Utility Enterprise Funds and Bonds	-
Telecommunications Funds and Bonds	-
Dormitory Improvement Funds and Bonds	2,300,000
Gifts	-
Federal Funds	-
Other (specify)	-
City of Cedar Falls & Cedar Falls Schools	1,066,667
Institutional Funds	283,333
Park and Institutional Roads Funds	417,000
Master Lease	-
University of Northern Iowa Total	\$ 4,317,000

¹ 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

² Board previously granted permission to proceed with this project

³ Approvals requested at June 2016 meeting

**TABLE 5
IOWA BRAILLE AND SIGHT SAVING SCHOOL
ANTICIPATED NEW CAPITAL PROJECTS - FY 2017 - SUMMARY BY PROJECT CATEGORY**

Project Categories/Project	FY 2017 Anticipated Requested Board/Board Office Action(s)¹	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)
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None

Iowa Braille and Sight Saving School Total \$ -

SUMMARY BY SOURCE OF FUNDS

None

Iowa Braille and Sight Saving School Total \$ -

¹ 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

² Board previously granted permission to proceed with this project

³ Approvals requested at June 2016 meeting

**TABLE 6
STATUS REPORT
PREVIOUSLY APPROVED PROJECTS WITH BUDGETS EXCEEDING \$1 MILLION
FOR WHICH CONSTRUCTION IS SCHEDULED TO BE COMPLETED DURING FY 2017**

		<u>Approved Project Budget</u>
<u>University of Iowa</u>		
General University	Biology Building – Implement Energy Improvements	\$ 1,356,609
	Boyd Law Building – Create Student Commons	1,636,000
	Dental Science Building – Phase 2 – Renovate South Wing	48,000,000
	Football Practice Field – Replace Turf	1,900,000
	General Campus Landscaping – Rehabilitate Quad Ravine – Phase Two	1,500,000
	Hillcrest Residence Hall – Install Sprinklers in Student Rooms	1,937,000
	Institutional Roads – Reconstruct Hawkins Drive (Highway 6 to Finkbine Drive)	1,900,000
	Madison Street Residence Hall – Construct Facility	95,000,000
	Pappajohn Biomedical Discovery Building – Vivarium Space Fit-Out	24,000,000
	Power Plant – Air Regulations Compliance	15,800,000
	Quadrangle Residence Hall – Raze Facility	1,950,000
	Rienow Hall – Replace Vanities and Sanitary Lines	1,437,000
	School of Music Replacement Facility – Construct New Facility	152,045,596
	Seamans Center for the Engineering Arts and Sciences – Upgrade Building Security	1,498,293
	Stanley Hall – Renovate Floors 1-7	1,990,058
	Steam Utility Enterprise Systems – Replace Riverside Drive/Grand Avenue Steam – Phase 1	10,691,408
	Utilities Distribution System – Install Duct-bank on Washington and Madison Streets	1,715,000
	Subtotal	\$ 364,356,964
Hospitals and Clinics	Critical Air Handling Unit Upgrade - AHU 16 JCP	\$ 1,400,000
	Level 6 Carver Pavilion Family Lounge Development and Investigational Drug Pharmacy Relocation	1,603,750
	Main OR Air Handling Unit Fan Array Installation	2,025,000
	Pediatric Cardiac Catheterization Laboratory Relocation/Expansion and Levels 3 - 6 John Pappajohn Pavilion Connectors to UI Children's Hospital	11,348,700
	Pomerantz Family Pavilion – Linear Accelerator Replacement, Vaults C & D	1,750,000
	University of Iowa Children's Hospital	360,200,000
	Subtotal	\$ 378,327,450
<u>Iowa State University</u>		
	Buchanan Residence Hall – Building 2	\$ 47,452,469
	Forker Building - Kinesiology Renovation	5,530,000 *
	Friley Hall - Install Fire Sprinkler System	5,630,000
	Marston Hall Renovation	27,100,000
	Parking Lot 33	1,162,000
	University Village – Buildings 101-132, 143 & 145 Patio Replacement	1,130,000
	Utilities - RCA East Steam Line Replacement	1,033,760
	Utilities - Haber Road Substation Expansion	4,850,000
	Utilities - Stoker Boiler Replacement	41,000,000
	Utilities - Stoker Boiler Replacement - Demolition Phase 2	1,900,000
	Subtotal	\$ 136,788,229
<u>University of Northern Iowa</u>		
	Schindler Education Center Renovation	\$ 38,555,000
	Southwest Campus Storm Water Management	2,500,000
	Power Plant Boilers 3 & 4 Controls Upgrade	1,975,000
	Lawther Hall Renovation	22,000,000
	Subtotal	\$ 65,030,000
TOTAL		\$ 944,502,643

* request for revised project budget and description requested at June 2016 meeting

**TABLE 7
STATUS REPORT
PREVIOUSLY APPROVED PROJECTS WITH BUDGETS EXCEEDING \$1 MILLION
FOR WHICH CONSTRUCTION IS SCHEDULED TO CONTINUE THROUGHOUT FY 2017**

		Approved Project Budget
<u>University of Iowa</u>		
	Currier Residence Hall – Renovate 3rd and 4th Floors	\$ 3,200,000
	Daum Hall – Renovate Floors 1-8	3,800,000
	Pharmacy Building – Construct New Facility	96,300,000
	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
	Subtotal	\$ 142,377,341
Hospitals and Clinics	Labor & Delivery Suite Expansion	4,400,000
	Main Operating Room (OR) Suite Operating Room Replacements	20,619,725
	Pediatric Specialty Clinic Expansion and Conference Center Development	39,000,000
	Pneumatic Tube System Supplementation	1,968,600
	UI Heart and Vascular Center Clinical Service Expansion and Consolidation	\$ 17,782,000
	Subtotal	\$ 83,770,325
<u>Iowa State University</u>		
	Biosciences Facilities – Advanced Teaching and Research Building	\$ 57,700,000
	Biosciences Facilities – Bessey Hall Addition	30,300,000
	Jack Trice Stadium Improvements – Phase 3 Green Space	11,500,000
	Library Storage Facility HVAC and Roof Replacement	1,165,000
	Subtotal	\$ 58,865,000
<u>University of Northern Iowa</u>		
	None	
TOTAL		\$ 285,012,666

**TABLE 8
STATUS REPORT
PREVIOUSLY APPROVED PROJECTS WITH BUDGETS EXCEEDING \$1 MILLION
FOR WHICH CONSTRUCTION IS SCHEDULED TO COMMENCE IN FY 2017**

		<u>Approved Project Budget</u>
<u>University of Iowa</u>		
General University	Psychological & Brain Sciences Building – Construct Facility	\$ 33,500,000
	Utilities Distribution System – Extend Chilled Water (Grand Ave to Byington Rd)	3,428,947
	Utilities Distribution System – Reconstruct Currier Steam Tunnel at Burge Hall	6,200,000
	Subtotal	\$ 43,128,947
Hospitals and Clinics	Central Sterilization Service - AHU #23 Replacement	\$ 2,401,000
	Colloton Pavilion LL-L3 Replacement of Air Handling Units (AHU's)	6,150,000
	Pathology Core Lab Expansion - Level 6 RCP	20,000,000
	Relocation of Materials Services Processed Stores	10,175,000
	Relocation of Neurology and Neonatology Faculty Offices	7,120,000
	Subtotal	\$ 45,846,000
<u>Iowa State University</u>		
	Friley Residence Hall - Dining Renovation	\$ 7,900,000
	Pearson Hall Classroom Improvements	1,500,000
	Richardson Court Residence Hall Bathroom Remodeling	3,800,000
	Veterinary Medicine Commons and Café Remodel	1,850,000
	Subtotal	\$ 15,050,000
<u>University of Northern Iowa</u>		
	None	
	TOTAL	\$ 104,024,947