

Contact: Joan Racki

**FIVE-YEAR CAPITAL PLANS,
INCLUDING FY 2015 CAPITAL REQUEST**

Actions Requested: Consider recommending to the Board:

1. Approval of the Five-Year State-Funded Capital Plan for FY 2015 – FY 2019 of \$689.4 million, including a capital request of \$89.0 million for FY 2015, to be funded by capital appropriations or Academic Building Revenue Bonds (Table 1, page 5).
2. Receipt of the Five-Year Capital Plan (FY 2015 – FY 2019) of \$205.3 million for the University of Iowa Hospitals and Clinics to be funded by Hospital Building Usage Funds and Hospital Revenue Bonds (Table 2, pages 6-7).
3. Receipt of the report on FY 2015 – FY 2019 capital plans of \$485.2 million for the universities and special schools to be funded by sources other than capital appropriations, Academic Building Revenue Bonds, or UIHC Funds (Table 3, pages 8-10).

Executive Summary: The Board is required by Iowa Code to submit its capital funding request for the upcoming fiscal year by October 1st. As a result of legislation enacted during the 2005 session, the Board is no longer required to submit a Five-Year Plan for state funded facilities. However, consistent with the Board's focus on planning, a Five-Year Plan for state funding is submitted for consideration. It is understood that the Plan may be modified each year as the Board reviews capital requests.

Five-year plans for the University of Iowa Hospitals and Clinics (UIHC) and capital plans of the universities and special schools to be funded from "other" sources of funds (excluding requested capital appropriations and gifts and/or other funds to match these appropriations) are also included, as required by the Board's Policy Manual.

Board action on the Five-Year Capital Plans does not constitute Board approval of specific projects, approval of the sources of funds, nor authorization for fundraising for the projects, but is an estimate of future capital needs. All projects listed on the Plans would be brought forward for specific project approval, including the source of funding, as required by Board procedures. Major projects will need to meet the evaluation criteria adopted by the Board in June 2003, which includes a section on alignment with an institution's mission and strategic plan.

FY 2015 Capital Request: The Five-Year Plan for state funds includes the recommended FY 2015 capital request of \$89 million. The first FY 2015 priority is \$75 million, to be subsequently allocated, to correct fire and environmental safety deficiencies and deferred maintenance, provide campus safety improvements, and address regulatory compliance.

Projects included in the recommended FY 2015 capital request, in priority order, are:

<u>Institution</u>	<u>Project</u>	<u>Amount [State Funds] (\$ thousands)</u>
SUI	Pharmacy Building Replacement / Improvements (planning)	6,000
ISU	Biosciences Facilities (planning)	5,000
UNI	Schindler Education Center Renovation (planning)	3,000

Construction funds for these projects are included in the out-years of the five-year plan and brief descriptions of these projects are included in Appendix A.

Five-Year State-Funded Capital Plan: The proposed Five-Year State-Funded Capital Plan (see Table 1, page 5) to be funded by capital appropriations and/or Academic Building Revenue Bonds totals \$785.4 million, including \$689.4 million in state funds, and \$96.0 million in private or other funds. This Plan includes the FY 2015 capital appropriations request of \$89.0 million identified above and on the previous page.

The Five-Year Capital Plan includes \$175 million to correct fire and environmental safety deficiencies and deferred maintenance, provide campus safety improvements, and address regulatory compliance. Appropriations totaling this amount would have a major impact on correcting the more than \$567.1 million in deficiencies reported to the Board in February 2013 as part of the Facilities Governance Report.

University of Iowa Hospitals and Clinics Five-Year Plan: The University of Iowa Hospitals and Clinics Five-Year Plan (FY 2015 - FY 2019) of capital projects, in the amount of \$205.3 million (see Table 2, pages 6-7), would be financed by patient-generated funding (building usage funds) and Hospital Revenue Bonds.

Major new construction projects included in the Plan are Phase 2 of the Iowa River Landing Clinic and development of a community based primary care clinic in North Liberty. Renovation projects include multiple phases of a renovation and expansion of the neurology clinic and laboratory, expansion of pre and post surgery patient facilities, and renovation or replacement of psychiatric inpatient units.

The projects for which approvals would be requested during the FY 2015 – FY 2019 period can be summarized by type, as follows:

	<u>(\$ Thousands)</u>
Fire & Environmental Safety Resolution	\$ 5,550
New Construction	104,210
Remodeling/Renovation	<u>95,503</u>
Total	\$205,263

In addition to the major projects, the remodeling / renovation projects include roof replacements; floor covering replacements; heating, ventilating and air-conditioning projects; elevator replacements; as well as commencement of conversion of an inpatient unit to single-bed patient rooms.

Other Funds: The institutional five-year plans (FY 2015 – FY 2019) to be financed from sources other than state-funded requests (and gifts and other funds to match these appropriations) or UIHC revenues total \$485.2 million. (see Table 3, pages 8-10) Included are projects for the residence, parking, utility and telecommunications systems.

Other fund sources include: operating budget building repair funds, income from treasurer's temporary investments, auxiliary service or enterprise bond funds (utility, telecommunications and residence systems), Iowa Department of Transportation institutional roads program, gifts and grants, and departmental renewal and replacement funds.

Amounts of other funds by institution and fiscal year (\$ thousands) are summarized below:

	<u>FY 2015</u>	<u>FY 2016</u>	<u>FY 2017</u>	<u>FY 2018</u>	<u>FY 2019</u>	<u>Total</u>
SUI	\$ 59,000	\$ 74,440	\$ 92,788	\$78,857	\$52,382	\$333,467
ISU	29,615	34,665	37,172	9,285	17,435	121,172
UNI	5,900	5,470	7,006	6,335	5,105	29,816
ISD	65	160	55	30	175	485
IBSSS	45	135	0	80	20	280
Total	\$94,625	\$114,870	\$137,021	\$94,587	\$75,117	\$ 485,220

Additional Information:

Regent Facilities: 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. They are needed to compete for faculty, staff, and students, and improve the research productivity of the faculty.

Academic/research/administrative (general fund) facilities at the Regent institutions total approximately 18.2 million gross square feet of the total 37.3 million gross square feet of Regent enterprise facilities. The replacement value of all Regent facilities is estimated at \$15.8 billion, of which \$8.2 billion is the replacement value for academic/research/administrative facilities.

Recent Capital Appropriations / Bonding Authorization: Between 1995 and 2004, state financing for Regent capital projects was provided by state appropriations from the Rebuild Iowa Infrastructure Fund and Tobacco Bond Proceeds. During the 2004 and 2007 legislative sessions, the Board received authorization for the sale of Academic Building Revenue Bonds; the total authorized amount was more than \$250 million in project costs. Tuition and fee revenues are used for debt service payments on these bonds. The tuition replacement appropriation from the State replaces that revenue. This funding mechanism used by the Regent universities is unique among state entities and is authorized under Iowa Code §262A.

In addition, more than \$100 million were appropriated during the 2006 and 2007 sessions for high priority capital projects. During the 2008 session, \$1.8 million were appropriated for Phase II of the construction and renovation of the Veterinary Medical Facilities at Iowa State University and \$2.0 million (reduced in the 2009 session to \$1.9 million) were appropriated for infrastructure, deferred maintenance and equipment related to Iowa Public Radio.

The 2009 session authorized \$100 million for flood recovery at the University of Iowa and \$38 million for Phase 2 of the Veterinary Medical Facilities. During the 2011 legislative session, the Regent institutions received appropriations over a number of fiscal years totaling \$114.4 million, including \$110.4 million for projects (SUI – Dental Science Building Renovation; ISU – Agricultural and Biosystems Engineering; and UNI – Bartlett Hall Renovation) and \$4 million to correct immediate fire safety needs and for compliance with the federal Americans with Disabilities Act (ADA). (The 2012 legislative session authorized the use of \$2 million of these funds for storm damage recovery at the special schools.)

During the 2013 legislative session, the General Assembly and the Governor approved \$2 million to correct fire safety deficiencies and deferred maintenance at the Regent institutions and provide for compliance with ADA.

Capital appropriations and Academic Building Revenue Bond authorization total more than \$903 million from FY 1996 – FY 2015 for the Regent enterprise.

TABLE 1
BOARD OF REGENTS, STATE OF IOWA
BOARD OFFICE RECOMMENDATION
FIVE-YEAR STATE-FUNDED CAPITAL PLAN
FISCAL YEARS 2015 THROUGH 2019
(\$ Thousands)

Inst.	Project	FY 2015		FY 2016		FY 2017		FY 2018		FY 2019		TOTAL STATE REQUEST	PRIVATE/ OTHER FUNDS	TOTAL
		Priority	Amount	Priority	Amount	Priority	Amount	Priority	Amount	Priority	Amount			
All	Fire & Environmental Safety, Deferred Maintenance, Campus Security, Regulatory Compliance	(1)	\$ 75,000	(1)	\$ 25,000	(1)	\$ 25,000	(1)	\$ 25,000	(1)	\$ 25,000	\$ 175,000		\$ 175,000
SUI	Pharmacy Building Replacement/ Improvements	(2)	6,000	(2)	13,000	(2)	29,000	(2)	22,300			70,300	\$ 26,000	96,300
ISU	Biosciences Facilities	(3)	5,000	(3)	11,000	(3)	19,500	(3)	19,500			55,000	25,000	80,000
UNI	Schindler Education Center Renovation	(4)	3,000	(4)	10,000	(4)	13,600	(4)	6,300			32,900		32,900
SUI	Seashore Hall Complex/ Psychology Addition & Renovation	(5)		(5)	16,000	(5)	21,900	(5)	27,000			64,900	15,000	79,900
ISU	Learning and Research Space Remodeling	(6)		(6)	5,000	(6)	6,000	(6)	5,000	(2)	10,000	26,000		26,000
UNI	Commons Renovation			(7)	7,000							7,000		7,000
SUI	Library System Renovation					(7)	17,000	(7)	10,800	(3)	20,400	31,200		31,200
ISU	Student Innovation Center			(8)	5,000	(7)	17,000	(8)	19,500	(4)	10,500	52,000	20,000	72,000
UNI	Science Buildings Renovation, Phase 2			(9)	2,000	(8)	11,300	(9)	10,000	(5)	9,300	32,600		32,600
SUI	Pentacrest Renovation & HVAC Modernization							(10)	10,800	(6)	30,300	41,100	10,000	51,100
ISU	Science Building Capital Renewal							(11)	25,000	(7)	13,000	38,000		38,000
UNI	Strayer-Wood Theatre Renovation/ Addition							(12)	13,100			13,100		13,100
ISU	Academic Building Capital Renewal									(8)	38,000	38,000		38,000
UNI	Communication Arts Center Renovation									(9)	12,300	12,300		12,300
	TOTAL		\$ 89,000		\$ 94,000		\$ 143,300		\$ 194,300		\$ 168,800	\$ 689,400	\$ 96,000	\$ 785,400

UNIVERSITY OF IOWA HOSPITALS AND CLINICS
FY 2015 - FY 2019 FIVE-YEAR CAPITAL PLAN SUMMARY

The projects listed in the Five-Year Capital Plan include only those that are anticipated to be initiated during fiscal years 2015-2019. The plan does not include projects enumerated in the UHC's FY 2014 Capital Plan, including modernization projects associated with implementation of UHC's Strategic Facilities Master Plan, or those with previously approved budgets for which expenditures will be made during this five year period.

All of These Projects are Contingent Upon the Availability of Self-Generated UHC Funding, UHC Bond Revenue and/or Gifts. Approval through UHC's Annual Capital Budget Process. Conclusions/Recommendations Adopted for Renovating Existing Facilities as Part of UHC's Strategic Facilities Master Plan for FY 2006-2035, and Approval of Each Project by the Board of Regents, State of Iowa.

(\$ in Thousands)

Project	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	Total	Source of Funds
Fire and Environmental Safety Resolution							
Joint Commission Plan for Improvement (Multiple Projects)	\$ 450	\$ 450	\$ 650	\$ 650	\$ 750	\$ 2,950	9
Fire Protection Systems Replacement	400	400	400	400	400	2,000	9
UHC Emergency Notification System (Multiple Projects)	100	200	200	100		600	9
Subtotal - Fire and Environmental Safety Resolution	\$ 950	\$ 1,050	\$ 1,250	\$ 1,150	\$ 1,150	\$ 5,550	
New Construction							
Burn Treatment Center Renovation and Expansion	\$ 1,500	\$ 3,500	\$ 1,275	\$ 24,900	\$ 41,500	\$ 6,275	9
Iowa River Landing Clinic Development - Phase 2			8,300			74,700	9, 11 (e)
Community Based Primary Care Clinic and Master Site Development - North Liberty Campus			3,110	10,234	5,966	19,310	9
North Liberty Campus - Clinical Expansion				325	3,600	3,925	9(b)
Subtotal - New Construction	\$ 1,500	\$ 3,500	\$ 12,685	\$ 35,459	\$ 51,066	\$ 104,210	
(a) The \$74,700,000 in anticipated expenditures is through FY 2019. The total project cost is estimated at \$83,000,000, with the remainder of the expenditures to be made through FY 2020, the year in which the project is estimated for completion and occupancy.							
(b) The \$3,925,000 in anticipated expenditures is through FY 2019. The total project cost is estimated at \$13,782,000, with the remainder of the expenditures to be made through FY 2021, the year in which the project is estimated for completion and occupancy.							
Remodeling/Renovation/Rehabilitation							
Neurology Clinic and Laboratory Renovation and Expansion (Multiple Projects / Phases)	\$ 950	\$ 4,820	\$ 9,468	\$ 6,609	\$ 532	\$ 22,379	9, 11
Air Handling Unit Replacements -- Hospital Wide (Multiple Projects)	1,210	1,820	1,820	1,510	1,510	7,870	9
Renovation of Diagnostic and Therapeutic Imaging Laboratories to Accommodate New Technology (Multiple Projects)	350	350	350	350	350	1,750	9
Phased Floor Covering, Wall & Ceiling Refurbishment - UHC Wide (Multiple Projects)	1,500	1,560	1,620	1,685	1,750	8,115	9
Roof Replacements and Recoverers _ UHC Wide (Multiple Projects)	625	574	535	535	485	2,754	9
Main OR Suite Pre and Post Surgery Patient Prep and Recovery Facilities Expansion	400	400	5,085	7,890		13,375	9, 11
UHC Elevator Refurbishments (Multiple Projects)	765	765	825	825	825	3,180	9
Renovation or Replacement of Psychiatric Inpatient Units	1,460	11,680	12,000	12,000	12,000	25,140	9, 11 (c)
Lower Level PFP Backfill - Post Family Medicine Center (Multiple Projects)	500	4,800	500	500	500	5,800	9
Main Kitchen and Patient & Staff Dining Room Renovations		650	650	650	3,750	4,400	9 (d)
Conversion of Level 6 JCP Inpatient Unit to All Single-Bed Adult Patient Rooms				740	740	740	9, 11 (e)
Subtotal Remodeling/Renovation/Rehabilitation*	\$ 4,635	\$ 10,289	\$ 21,603	\$ 36,534	\$ 22,442	\$ 95,503	
Grand Total - UHC	\$ 7,085	\$ 14,839	\$ 35,538	\$ 73,143	\$ 74,658	\$ 205,263	

(c) The \$25,140,000 in anticipated expenditures is through FY 2019. The total project cost is estimated at \$29,000,000, with the remainder of the expenditures to be made through FY 2020, the year in which the project is estimated for completion and occupancy.

(d) The \$4,400,000 in anticipated expenditures is through FY 2019. The total project cost is estimated at \$13,373,000, with the remainder of the expenditures to be made through FY 2021, the year in which the project is estimated for completion.

(e) The \$740,000 in anticipated expenditures is through FY 2019. The total project cost is estimated at \$9,840,000, with the remainder of the expenditures to be made through FY 2022, the year in which the project is estimated for completion and occupancy.

TABLE 2
UNIVERSITY OF IOWA HOSPITALS AND CLINICS
FY 2015 - FY 2019 FIVE-YEAR CAPITAL PLAN SUMMARY

* UHHC's Strategic Facilities Master Planning process for FY 2006-2035 calls for remodeling/renovation/rehabilitation of existing facilities that will likely result in identification of additional projects for initiation during the FY 2015-2019 period. In accord with long-standing practice, any such changes which arise will be fully documented for consideration and approval by the Board of Regents, State of Iowa.

Source of Funds Key:

- | | | | |
|---|---|----|--|
| 1 | State Appropriation or Bonding Authorization | 7 | Iowa DOT (Road Use Tax Funds) |
| 2 | Building Renewal Funds | 8 | Student Health Fees |
| 3 | Income from Treasurer's Temporary Investments | 9 | University Hospitals Building Usage Funds |
| 4 | Gifts and Grants | 10 | Center for Disabilities and Development Building Usage Funds |
| 5 | Departmental Renewal and Replacement Funds | 11 | UHC Bonds |
| 6 | Auxiliary Service or Enterprise Revenue Bonds | | |

As previously noted, all of the projects identified in UHHC's Five Year Capital Plan are contingent on the availability of self-generated UI Hospitals and Clinics funding, UHC bond revenue and/or gifts, approval through UHHC's annual capital budget process, finalizing specific renovation projects associated with UHHC's strategic facilities plan for FY 2006-2035, and approval of each project by the Board of Regents, State of Iowa. In addition, the "cutting edge" responsibility of the UHHC constantly brings about some revision in planning. While the foregoing enumeration includes all projects now envisioned for the FY 2015-2019 period, it is likely that the dynamics of clinical service-educational demands and corollary societal forces, and accreditation and regulatory requirements will mandate other projects as time moves on. In accord with long-standing practice, any such changes which arise will be fully documented for consideration and approval by the Board of Regents, State of Iowa.

TABLE 3
OTHER-FUNDS FIVE-YEAR CAPITAL PLANS
(\$ Thousands)

	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	Five Year Total	Source of Funds
University of Iowa							
Campus Repairs and Improvements	\$ 450	\$ 450	\$ 450	\$ 450	\$ 450	\$ 2,250	2,3
Deferred Maintenance	10,000	10,000	10,000	10,000	10,000	50,000	2,3
Fire Safety Projects	1,100	1,100	1,100	1,100	1,100	5,500	2,3
Security Access	300	300	300	300	300	1,500	2,3
General Classroom / Laboratory Improvements	400	400	400	400	400	2,000	2
College of Public Health - 5th Floor Fit-Out (informatics)	3,000					3,000	2,3
Institutional Roads Program	640	640	652	660	660	3,252	7
Parking System - Improvements & Replacements	3,100	3,300	3,400	3,500	3,500	16,800	5,6
New Residence Hall #2		18,000	19,000	19,000		56,000	6
Burge Hall Public Area Renovations		1,250			1,000	1,000	5
Burge Hall Carnival Room Renovations					1,250	1,250	5
Burge Hall Plumbing & Vanity Replacement				1,350	1,350	2,700	5
Currier Hall Floor Lounge Additions				1,000	1,000	1,000	5
Daum Hall Public Area Renovations		1,000		1,500	1,500	3,000	5
Hillcrest Hall Sprinkler System		1,250	1,000			2,000	5
Hillcrest Hall Plumbing & Vanity Replacement		1,050	1,250	1500		2,500	5
Stanley Hall Public Area Renovations						1,050	5
Stanley Hall Renovate Restrooms & Replace Piping	2,260					2,260	5
Slater Hall Public Area Renovations		1,500	1,500			3,000	5
Rienow Hall Public Area Renovations				1,500	1,500	3,000	5
University Housing Improvements & Replacements	3,710	2,900	3,736	1,500	1,500	16,005	5
Telecommunications Improvements	3,100	3,100	3,100	3,100	2,522	15,500	5
Duct Bank River Crossing to Arts Campus	1,500				3,100	1,500	5
High Voltage System Re-Feed - Halsey, Calvin, Trowbridge	1,000					1,000	5,6
Repair North Hall / Currier Steam Tunnel	1,100					1,100	5,6
Power Plant (PP) - Boiler 10 & 11 Boiler MACT	10,000					10,000	5,6
Rebuild Old Capitol Tunnel - Mechanical Distribution	5,340					5,340	6
Rebuild Steam Tunnel under Riverside Drive	12,000					12,000	5,6
Increase Main Campus Chilled Water Capacity		10,000				10,000	5,6
IMU Tunnel & IMU Old Cap Tunnel - Direct Bury Steam/Tunnel Repair		12,200				12,200	6,12
Water Plant - New River Water Intake		6,000				6,000	6
Rebuild Currier Steam Tunnel - Burge to Jefferson St.			5,400			5,400	5,6
Increase Steam Capacity - Main Campus			40,000			40,000	5,6
Direct Bury Steam Lines - Arts Campus				4,860		4,860	5,6,12
Central Emergency Back-up Power - Main Campus				10,000		10,000	5,6
PP - Turbine Generator 1 and 5 Replacement				6,000		6,000	5,6
PP - Flood Wall				10,500		10,500	6,12
Electrical Distribution - Install 10 Cell Duct Bank - PP to Sub U					12,000	12,000	5,6
Landfill Gas Pipeline / Comp Station - Oakdale REP					7,000	7,000	5,6
Chilled Water - West Campus Distrib. Upgrade					5,000	5,000	5,6
Total - SU1	\$ 59,000	\$ 74,440	\$ 92,788	\$ 78,857	\$ 52,382	\$ 333,467	

Source of Funds Key:

- 1 State Appropriation or Bonding Authorization
- 2 General Fund Building Renewal
- 3 Income from Treasurer's Temporary Investments
- 4 Gifts and Grants
- 5 Departmental Renewal and Replacement Funds
- 6 Auxiliary Serv. or Enterprise Rev. Bonds
- 7 Iowa DOT (Road Use Tax Funds)
- 8 Student Health Fee
- 9 University Hospital Building Usage Fund
- 10 Center for Disabilities and Development Building Usage Fund
- 11 University Hospital Revenue Bonds
- 12 Federal Appropriations

TABLE 3
OTHER-FUNDS FIVE-YEAR CAPITAL PLANS
(\$ Thousands)

	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	Five Year Total	Source of Funds
Iowa State University							
Utilities - Chiller #6	\$ 1,500	\$ 4,500	\$ 1,000			\$ 7,000	6
Utilities - RCA North Steam Line Replacement	750					750	6
Utilities - Stoker Boiler Replacement	7,000	7,000	2,000			16,000	6
Utilities - Haber Road Substation Expansion	2,000	500				2,500	6
Utilities - Northwest Campus Substation	750					750	6
Memorial Union Remodeling					12,000	12,000	3,4,6
Marston Hall Renovation	6,100	12,100	1,200			19,400	2,4,5
Telecommunications	1,750	1,800	1,800	1,800	1,800	8,950	6
Institutional Roads Program	640	640	652	660	660	3,252	7
West Campus Parking Structure		21,400				21,400	6
Iowa State Center Parking and Drive Improvements	1,000	4,400		4,400		9,800	6
Athletics - Jacobson / Olsen - HVAC Modifications		2,000				2,000	6
Athletics - Resurface Bergstrom Indoor Turf	1,000					1,000	6
Residence System - Friley Hall Sprinkler System	4,000	3,400	2,500			9,900	6
Residence System - Frederiksen Court - Life Cycle Paint, Carpet	375	375	375	400	400	1,925	6
Residence System - Residence Halls - Life Cycle Paint, Carpet	375	375	375	375	375	1,875	6
Residence System - Deferred Maintenance	2,375	1,975	1,470	1,650	2,200	9,670	6
Total - ISU	\$ 29,615	\$ 34,665	\$ 37,172	\$ 9,285	\$ 17,435	\$ 121,172	
University of Northern Iowa							
Institutional Roads	\$ 320	\$ 320	\$ 326	\$ 330	\$ 330	\$ 1,626	7
Residence System - Campbell Hall Sprinklers	1,500					1,500	6
Residence System - Lawther Hall Sprinklers		1,400				1,400	6
Residence System - Restroom Remodels	1,125	750	750	875	875	4,375	6
Residence System - Dormitory Lofts	380	250	380	380		1,390	6
Residence System - Dormitory Vanity Replacements	350	350	600	600		1,300	6
Residence System - Dormitory Cabinet Replacements		400	2,200	1,400	1,400	5,000	6
Residence System - Campbell Hall Windows						400	6
Residence System - Hagemann Hall Roof					350	350	6
Residence System - Towers Dining Roof					400	400	6
Maucker Union	50	50	50	50		200	6
Parking System - Art South Lot	500					500	10
Parking System - General Maintenance of Parking Lots	275	300	300	300	300	1,475	10
Parking System - North Dome Gravel Lot		250				250	10
Parking System - Gilchrist "A" Lot			600			600	10
Inter. Athletics & Field House - West Campus Outdoor Turf			1,000	1,000		2,000	4
Building Repair	1,400	1,400	1,400	1,400	1,400	7,000	2
Total - UNI	\$ 5,900	\$ 5,470	\$ 7,006	\$ 6,335	\$ 5,105	\$ 29,816	
Source of Funds Key:							
1 Capital Appropriation or Bonding Authorization							
2 Building Renewal (Repair) Funds							
3 Income from Treasurer's Temporary Investments							
4 Gifts and Grants							
5 Departmental Renewal and Replacement Funds							
6 Auxiliary Service or Enterprise Revenue Bonds							
7 Institutional Roads Funds (Iowa DOT)							
8 University Hospitals Building Usage Fund							
9 University Hospitals Revenue Bonds							
10 Parking System Operations							

TABLE 3
OTHER-FUNDS FIVE-YEAR CAPITAL PLANS
(\$ Thousands)

	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	Five Year Total	Source of Funds
Iowa School for the Deaf							
Building Deferred Maintenance/Remodeling/Renovation	\$ 65	\$ 160	\$ 55	\$ 30	\$ 175	\$ 485	2
Total - ISD	\$ 65	\$ 160	\$ 55	\$ 30	\$ 175	\$ 485	
Iowa Braille and Sight Saving School							
Building Deferred Maintenance, Remodelling, Renovation	\$ 45	\$ 135		\$ 80	\$ 20	\$ 280	2
Total - IBSSS	\$ 45	\$ 135	\$ -	\$ 80	\$ 20	\$ 280	
GRAND TOTAL	\$ 35,625	\$ 40,430	\$ 44,233	\$ 15,730	\$ 27,735	\$ 156,753	

Source of Funds Key:
 1 Capital Appropriation or Bonding Authorization
 2 Building Renewal (Repair) Funds
 3 Income from Treasurer's Temporary Investments
 4 Gifts and Grants
 5 Departmental Renewal and Replacement Funds
 6 Auxiliary Service or Enterprise Revenue Bonds
 7 Institutional Roads Funds (Iowa DOT)
 8 University Hospitals Building Usage Fund
 9 University Hospitals Revenue Bonds
 10 Parking System Operations

FY 2015 Capital Project Descriptions

SUI - Pharmacy Building Replacement /
Improvements

FY 2015 State Request: \$6.0 million

The College of Pharmacy is the fourth oldest college of pharmacy in a state-supported university in the country and has educated pharmacists since 1885. The College has developed nationally and internationally recognized programs of research and patient care delivery. Admission to the program is extremely competitive; graduates are well prepared and in high demand following graduation. For the past ten years the College has had a 100% placement rate. Graduates of the College are in 95 of Iowa's 99 counties, providing needed services every day; in some instances, they are the only point of access to medical care. College of Pharmacy students must complete 1,600 hours of pharmacy practice experience to earn their PharmD degree; the economic impact of the work of these students is estimated at \$2.3 million annually.

The services College of Pharmacy graduates provide have changed dramatically since the construction of the original Pharmacy Building in 1961. The age, condition, configuration and outdated mechanical and electrical systems of the original building are constant strains on the quality and productivity of the College's faculty and students. (The facility consumes more energy than any other building on campus on a square footage basis.) To perfect clinical skills, small collaborative spaces are required for critical thinking, modeling and practice. This type of space does not exist in the current facility. As a professionally accredited program, the College is periodically reviewed for reaccreditation. A component of the accreditation review is the quality of its educational facilities.

In 1996, a major addition, which serves primarily as a pharmaceutical research facility, was constructed on the site's south side. Over the last decade significant advances in pharmaceutical research methods have challenged the functionality of this space and other College facilities.

The University proposes replacing the 1961 building as modernizing it cannot serve the intensive educational space needs of the College; this can only be obtained through construction of new space. In combination with new construction (approximately 90,000 gross square feet), the University intends to modernize 74,000 gross square feet of space within the 1996 facility. The project would address approximately \$12.0 million of deferred maintenance through the demolition of the 1961 structure and renovation of the 1996 facility.

The FY 2015 requested funds of \$6.0 million would provide for architectural and engineering design for the project. The five-year plan includes an additional \$64.3 million for both new construction and modernization in FY 2016 – FY 2018. The State request would be leveraged with an additional \$26.0 million in private gift funds and earnings from the College.

ISU - Biosciences Facilities

FY 2015 State Request: \$5.0 million

Iowa State University and the state of Iowa are home to the nation's largest biotechnology enterprise. The biosciences are central to the core mission of the University and biosciences-based industries are a primary economic driver for the state of Iowa. More than 450 faculty members from twenty-five departments and five colleges are actively involved in the area of biosciences. More than 6,000 students are studying biosciences disciplines; this 27% increase over the past 5 years has been driven by both student interest and employer demand. A critical shortage of space, both in terms of capacity and functional capabilities, in addition to antiquated, functionally obsolete facilities (some of which are more than 40 years old, substandard and should be demolished), present significant programmatic challenges and limitations to providing an advanced, high quality learning and research environment for the biosciences.

This project will include a new Biosciences Building, renovate existing space, and consider additions to existing buildings as part of a holistic, comprehensive plan to address the space needs of the biosciences programs.

To engage students in meaningful learning and to support new teaching practices, classroom and teaching laboratories need to be expanded and transformed to include current educational technology and instructional laboratory capabilities. Existing buildings do not provide the types of collaborative space for team learning and student engagement that support a high-quality educational experience.

The biosciences programs also have a critical need for multi-disciplinary, high quality research labs that include computational, biological, wet, and specialized instrumentation laboratory space. Existing buildings, which were not designed and constructed with laboratory flexibility and modularity as a program element, cannot accommodate increased collaboration across multiple disciplines along with flexible research space that responds to changes in research activity.

The FY 2015 requested funds of \$5.0 million would begin the planning for the construction and renovation of the facilities. The five-year plan includes an additional \$50.0 million for the project in FY 2016 - FY 2018. The State request would be leveraged with \$25.0 million in private gifts.

UNI - Schindler Education Center Renovation

FY 2015 State Request: \$3.0 million

Schindler Education Center, which was constructed in 1972, is an integral part of the University's teacher education program, with major classrooms and offices for the College of Education. Renovation is needed to accommodate current curriculum programs and teaching methods since the facility has not been improved to meet current standards or demands. The College hopes that all graduates of the College are technology savvy since more than 100 districts in the state are providing 1:1 technology devices for K-12 students. The renovated space would also create classroom simulation spaces in which teacher candidates can model practice in learning environments similar to those found in K-12 settings. (The 40 year old classrooms are not conducive to this type of instruction.) Other interior modifications would be made to classroom and office areas to accommodate new instructional methods.

In addition to the programmatic changes to the building as summarized above, the building's electrical and mechanical systems would be updated and exterior repairs made. The University estimates that \$8.9 million in deferred maintenance will be corrected through the renovation.

The Schindler Renovation project is a key element in the University's vision of being known for innovative education and preparing students for success in a rapidly changing, globally competitive, and culturally diverse world. The project is directly related to the University's Strategic Plan Goal 3, "Lead the state and nation in pre K-12 education," including objectives, "Focus educator-preparation programs on developing 21st century leader practitioners at all levels," and "Re-examine and adapt educator-preparation programs, formal and non-formal, focusing on 21st century skills and knowledge and the use of technology."

The requested FY 2015 funds of \$3.0 million would begin planning for the renovation of the facility. Funds totaling \$29.9 million for the renovation are requested in FY 2016 – FY 2018.