

MEMORANDUM

To: Board of Regents
From: Board Office
Subject: Final Five-Year Capital Improvement Plans, FY 2004 - FY 2008
Date: September 9, 2002

Recommended Actions:

1. Approve the Five-Year State-Funded Capital Program for FY 2004 - FY 2008 of \$368.7 million, including the amount of \$69.4 million as the Board's request for FY 2005 (Table 1); and
 2. Approve the Five-Year Program (FY 2004 – FY 2008) of \$158.8 million for the University of Iowa Hospitals and Clinics to be funded by Hospital Building Usage Funds and Hospital Revenue Bonds (Table 3).
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Executive Summary:

Two Five-Year Plans	Two five-year capital plans for the period FY 2004 – FY 2008 are included in this docket memorandum: <ol style="list-style-type: none"> a. Five-year capital program to be funded by capital appropriations (including projects to be funded by the State's tax-exempt tobacco bond proceeds) or Academic Building Revenue Bonds; and b. University of Iowa Hospitals and Clinics Five-Year Program to be funded by Hospital Building Usage Funds and Hospital Revenue Bonds.
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State Funded Five-Year Plan

Requested State Funding	The universities, special schools and Lakeside Laboratory requested state funding in the amount of \$582.8 million, which would be combined with \$90.4 million in other resources, including private (gift) funds for the projects (Table 2).
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The institutional requests for state funds are unchanged from the July submission.

The University of Iowa has changed the title of a FY 2005 request to

focus more directly on the College of Public Health.

- The “Medical Education and Biomedical Research Facility – Building C” project has been retitled as the “Health Sciences Building C for the College of Public Health and Biomedical Research” project.
- The University is requesting permission to proceed with this project on this month’s capital register. (See G.D. 18a.)

Recommendation The Board Office recommendation for the Five-Year Capital Priority Plan to be funded by capital appropriations or Academic Building Revenue Bonds is \$368.7 million, with \$79.9 million in private or other funds (Table 1). This amount is unchanged from the July preliminary recommendation.

The \$368.7 million recommendation does not include a dollar amount for the UNI – Price Laboratory School Renovation / Addition although a “placeholder” has been included in FY 2005. Until the University makes its report to the Board in late fall 2002 and the Board acts upon the University’s recommendation, it would be premature to include a specific capital recommendation.

The Board Office recommendation focuses on correcting fire and environmental safety and deferred maintenance issues (consistent with the recommendation for the FY 2004 budget request – see G.D. 12), renovation of facilities, and improvements to campus infrastructure. Recommendations for new space have been based upon programmatic justification.

The Department of Management has requested a capital budget request for FY 2005. It is recommended that the amount included in the Five-Year Capital Plan for FY 2005 be specifically approved as the Board’s capital request for FY 2005.

FY 2003 –
FY 2007
Comparison

Last year, the institutions requested funding of \$485.3 million and the Board recommended a Five-Year Plan for state funds (FY 2003 – FY 2007) of \$314.9 million.

- The total amount recommended for the FY 2004 – FY 2008 Five-Year Plan for state funds is higher than the FY 2003 – FY 2007 Plan due, in part, to the increased recommendation for funds to correct fire and environmental safety deficiencies and deferred maintenance.
- The following table provides a summary of the recommended funding:

	Fire & Environmental Safety / Deferred Maintenance Rec. (\$000's)	Projects Rec. (\$000's)	Total Rec. (\$000's)
FY 2003 – FY 2007	\$41,965	\$272,885	\$314,850
FY 2004 – FY 2008	73,948	312,800	368,748

UIHC Five-Year Plan

The University of Iowa Hospitals and Clinics Five-Year Capital Program (FY 2004 - FY 2008) will be financed by patient-generated funding and Hospital Revenue Bonds as authorized by the 2002 General Assembly and approved by the Governor.

Approvals

UIHC plans to request approvals of \$158.8 million in projects during the FY 2004 – FY 2008 period.

Previously Listed
Projects

Of this amount, \$64.7 million have been included in University of Iowa Hospitals and Clinics five-year capital programs previously submitted to the Board.

New Projects

Projects not previously listed include completion of the shell space to be constructed above the Center of Excellence in Image-Guided Radiation Therapy, floor covering replacement projects, infrastructure enhancements and upgrades, hospital wide roof replacements, and refurbishing of Carver Pavilion inpatient units.

All projects listed on the five-year plan will be brought forward for specific project approval as required by Board procedures.

Strategic Plan:

Objective 4.3 of the Board's Strategic Plan provides for the maintenance and acquisition of physical facilities and equipment to meet stewardship responsibilities and changing institutional needs.

Background:

Development of the five-year capital programs is consistent with the Iowa Code, which requires the Board to submit a Five-Year, State-Funded Building Program to the General Assembly at the beginning of each legislative session.

Analysis:

State-Funded Capital Program: FY 2004 - FY 2008

Total Recommendation The Board Office recommendation is for a five-year capital improvement program of \$368.7 million (Table 1, page 9) funded by capital appropriations (including appropriations from the tax-exempt bond proceeds restricted funds account of the tobacco trust fund) or Academic Building Revenue Bonds. In addition, private and other funds totaling \$79.9 million would help finance the projects.

This recommendation is consistent with the preliminary recommendation presented to the Board in July.

Top Priority The first priority in each of the fiscal years of the five-year plan is funding for correction of fire and environmental safety deficiencies and deferred maintenance.

- The latest fire and environmental safety report (November 2001) indicated that the institutions estimated a need for \$11.3 million to correct deficiencies identified by the State Fire Marshal and institutional personnel.
- In November 2001, as part of the governance report on deferred maintenance, the institutions reported a total of \$146.4 million in deferred maintenance including:
 - \$88.1 million in individual projects in general fund buildings and utilities; and
 - \$58.3 million in components of major renovations included on the Five-year Plan approved by the Board in September 2001.

The magnitude of the documented deferred maintenance, the impact of the FY 2002 operating budget building repair fund reduction on campus facilities, and the importance that the Board places on its stewardship of resources, has led the Board Office to recommend funding to correct these deficiencies as the number one priority in each year of the Five-Year Plan.

Fire Safety /
Deferred
Maintenance
Funding

The \$74 million recommended for the five-year period is insufficient to correct all the deficiencies previously identified. As discussed in detail in G.D. 12 – Capital Budget Requests for FY 2004, the significant reductions in operating budgets for both FY 2002 and FY 2003 impact building repair funds and are likely to increase the amount of deferred maintenance, which will be reflected in the next governance report to be presented later this fall.

Projects

The recommendations for project funding focus on academic / instructional facilities, reflect institutional strategic planning, and identify and provide for critical needs related to the missions of each institution.

The capital improvement requests for state funds and Board Office recommendations for the FY 2004 – FY 2008 Plan are summarized below:

<u>Institution</u>	<u>Total Request (\$ thousands)</u>	<u>Total Recommendation (\$ thousands)</u>
SUI	\$226,800	\$143,000
ISU	239,500	139,300
UNI	110,500	82,500
ISD	4,325	2,175
IBSSS	910	1,000
Regents/Lakeside Lab	<u>773</u>	<u>773</u>
Total	\$582,808	\$368,748

Comparison with
Prior Institutional
Requests

The institutional five-year state capital requests (FY 2004 – FY 2008) are generally consistent with the requests presented last year (FY 2003 – FY 2007). Some of the more significant changes are as follows:

University of Iowa

The University requested funding for Art Building, Phase II (equipment and site improvements for the new building and remodeling of the existing building) and Oakdale Laboratory Renovations in FY 2004 of the FY 2003 – FY 2007 Plan.

- Funding for these two projects is requested in FY 2006 of the FY 2004 – FY 2008 Plan.
- The University reports that the change in its request for the Art Building, Phase II project is due to the delay in construction of the new Art Building.
- The result of these changes is that the University's top priority after renovation of the Chemistry Building is construction of the Health Sciences Building C for the College of Public Health and Biomedical Research project, for which \$17.1 million are requested in FY 2005. These funds would be matched with \$29.9 million in other funds.

Iowa State
University

The University has made a number of changes to its requested five-year plan, some of which are:

- A request for funding (\$9.5 million in FY 2005) for a College of Design Addition has been added;
 - The project scopes for the Veterinary Teaching Hospital / Diagnostic Laboratory and the Plant Sciences have been increased due to completion of feasibility studies;
 - The private funding associated with the Coover Hall, Information Sciences project (University's #1 priority) has been reduced from \$15 to \$10 million as a result of a fundraising feasibility study; and
 - State funds are no longer requested for the renovation of Morrill Hall; this project was listed on the University's FY 2003 capital plan presented to the Board in June 2002, with funding from private giving.
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University of
Northern Iowa

The University has substituted, in its priority ranking, the Sciences Buildings Renovation, Phase I project for the Renovation of Price Laboratory School and the Commons Renovation.

- The Science Building Renovation project is part of the phased program to construct new and renovate the existing science buildings. The Phase I renovation project would remodel the Physics Building and the central greenhouse, and plan for the renovation of McCollum Science Hall as well as construct the shell space for the fourth floor addition to this facility.

The University has also reprioritized some of the other requested renovation projects.

Board Office
Review,
Recommendation

The Board Office has reviewed the changes to the institutional plans described above, and other proposed changes, and has incorporated many of these modifications into the Board Office recommendation.

The first year of the FY 2004 – FY 2008 Capital Plan becomes the Board's FY 2004 capital budget request. (See G.D. 12.)

Table 2 (pages 10 to 13) provides a comparison by fiscal year of institutional requests and the Board Office recommendations. In some instances, funding is recommended in a fiscal year different than the year in which it was requested.

It is recommended that lower priority institutional projects be deferred into the out – years. Projects requested but not recommended for inclusion in

the FY 2004 - FY 2008 Five-Year Plan are identified on Table 2.

The Board Office recommendation for the Five-Year Plan is realistic in light of projected available revenue and addresses relative needs among the institutions.

Approval of this five-year capital program does not constitute approval of specific projects but is an estimate of future capital needs. Descriptions of the projects are included in the Regent Exhibit Book.

University of Iowa Hospitals and Clinics Capital Program: FY 2004 – FY 2008

Requested Plan The Board Office recommendation includes the University of Iowa Hospitals and Clinics five-year requested plan of \$158.8 million (Table 3, pages 14 to 18) to be financed with patient-generated revenues or Hospital Revenue Bonds.

- SF 2168 of the 2002 Legislative Session authorizes the Board to issue \$100 million of Hospital Revenue Bonds over a period of years.

Changes from July Submission UIHC has slightly revised the Plan submitted in July. While there have been no changes in the projects, there have been slight modifications in the years of accomplishment for six projects.

- The major change is moving the completion of shell space for the Geriatric and other Internal Medicine Clinics from the years FY 2006 – FY 2008 to the years FY 2004 – FY 2006.

Project Type The projects for which approvals would be requested during the FY 2004 – FY 2008 period can be summarized by type, as follows:

	(\$ Thousands)
Fire & Environmental Safety Resolution	\$ 7,254
New Construction (completion of shell space)	29,148
Remodeling/Renovation	<u>122,413</u>
Total	\$158,815

New Construction The capital program includes the completion of shell space above the Center for Excellence in Image-Guided Radiation Therapy.

The Board approved permission to proceed with construction of the shell space at its July 2002 meeting.

The University's capital register this month (see G.D. 18a) includes a request for approval of the schematic design for the Center of Excellence in Image-Guided Radiation Therapy and 3-Story Building Shell.

The three other new construction projects, for which the five-year dollar total is \$9.8 million, have appeared on UIHC previous five-year plans.

These are:

- Development of Geriatric and other Internal Medicine Clinics (completion of shell space on the 4th level of Pomerantz Family Pavilion);
- Development of Hospital Support Facilities (completion of shell space on the 5th level of Pomerantz Family Pavilion); and
- Construction of Overhead Walkway to UIHC Patient & Visitor Parking Ramp I.

Remodeling /
Renovation

The remodeling / renovation projects include utility distribution upgrades and corridor refurbishments; energy conservation measures; heating, ventilating and air-conditioning projects; and elevator replacements in addition to projects which will remodel space vacated by the units moving to the Pomerantz Family Pavilion.

Cash Flows

The plan for new FY 2004 – FY 2008 projects, by fiscal year cash flow, is as follows:

(\$ thousands)

<u>FY 2004</u>	<u>FY 2005</u>	<u>FY 2006</u>	<u>FY 2007</u>	<u>FY 2008</u>	<u>Total</u>
\$10,227	\$28,621	\$40,285	\$35,336	\$44,346	\$158,815

The total FY 2004 – FY 2008 cash flow, including projects previously approved by the Board or for which approval will be requested in FY 2003 is as follows:

(\$ thousands)

<u>FY 2004</u>	<u>FY 2005</u>	<u>FY 2006</u>	<u>FY 2007</u>	<u>FY 2008</u>	<u>Total</u>
\$74,218	\$56,757	\$45,265	\$39,275	\$44,346	\$259,861

All new projects on the five-year plan will be brought forward for specific project approval, as required by Board procedures.


Joan Racki

Approved: 
Gregory S. Nichols

TABLE 1
BOARD OF REGENTS, STATE OF IOWA
BOARD OFFICE RECOMMENDATIONS
FIVE-YEAR CAPITAL STATE-FUNDED PRIORITY PLAN
FISCAL YEARS 2004 THROUGH 2008
(\$ Thousands)

Inst.	Project	FY 2004		FY 2005		FY 2006		FY 2007		FY 2008		TOTAL STATE REQUEST	PRIVATE/ OTHER FUNDS	TOTAL
		Priority	Amount	Priority	Amount	Priority	Amount	Priority	Amount	Priority	Amount			
Regents	Fire Safety and Deferred Maintenance	(1)	\$ 14,937	(1)	\$ 14,635	(1)	\$ 14,914	(1)	\$ 14,635	(1)	\$ 14,827	\$ 73,948	\$ 10,000	\$ 73,948
ISU	Coover Hall, Information Science	(2)	15,600									15,600		25,600
UNI	Electrical Distribution Loop System / Load Break	(3)	7,000	(2)	4,200	(5)	7,900					7,000		7,000
SUI	Chemistry Building Renovation	(4)	19,900	(3)	5,200	(3)	19,400	(2)	18,000			32,000	7,000	32,000
ISU	Veterinary Teaching Hospital / Diagnostic Lab	(5)	2,600	(4)	8,000	(6)	3,400					40,000		47,000
ISU	Science Buildings Renovation, Phase 1	(6)	5,700	(5)	17,100							10,900		10,900
ISU	Snedecor Hall Addition and Renodeling			(6)	4,000							8,000	1,000	9,000
SUI	Health Sciences Bldg C - Col of Pub Health & Biomed Res			(7)	3,537	(2)	7,263	(4)	14,600	(2)	18,000	17,100	29,900	47,000
ISU	Plant Sciences Building			(8)	9,500							40,000	30,000	70,000
UNI	Price Laboratory School Renovation / Addition			(9)	3,200							10,800		10,800
SUI	Art Building, Phase II			(10)	3,200							9,500		9,500
ISU	College of Design Addition											3,200		3,200
UNI	Commons Renovation											12,900		12,900
UNI	Steam Distribution System Replacement, Phase II					(4)	12,900					32,000		32,000
SUI	Seashore Hall Remodeling					(7)	8,000	(3)	8,000	(3)	16,000	7,600	2,000	9,600
UNI	Russell Hall Renovation							(5)	7,600	(5)		7,800		7,800
SUI	Oakdale Laboratory Renovation							(6)	7,800	(6)		9,300		9,300
UNI	Sabin Hall Renovation							(7)	9,300	(7)		9,900		9,900
UNI	Baker Hall Renovation							(8)	800	(8)		10,300		10,300
SUI	Pentacrest Renewal and HVAC Modernization									(4)	9,100	10,300		10,300
ISU	Agricultural and Biosystems Engineering									(5)	10,300	1,200		1,200
UNI	Industrial Technology Center Addition									(6)	1,200	1,100		1,100
UNI	Library System Renovations / Expansion									(7)	1,100	8,000		8,000
SUI	Library System Renovations / Expansion									(8)	8,000	600		600
UNI	Science Building Renovation, Phase II									(9)	600			
TOTAL												\$ 368,748	\$ 79,900	\$ 448,648

* No specific dollar amount recommended; awaiting completion of University study and recommendation to Board regarding Price Laboratory School programs.

TABLE 2
INSTITUTIONAL FIVE-YEAR STATE-FUNDED CAPITAL REQUESTS
AND BOARD OFFICE RECOMMENDATIONS
(\$ thousands)

	FY 2004		FY 2005		FY 2006		FY 2007		FY 2008		TOTAL REQUEST	TOTAL RECOMM.
	Inst. Request	Board Office Recomm.	Inst. Request	Board Office Recomm.	Inst. Request	Board Office Recomm.	Inst. Request	Board Office Recomm.	Inst. Request	Board Office Recomm.		
UNIVERSITY OF IOWA												
Chemistry Building Renovation	\$ 24,100	\$ 19,900									\$ 32,000	\$ 32,000
Health Sciences Bldg C - Col of Pub Health & Blomed Res Art Building, Phase II			\$ 17,100	\$ 4,200 17,100 3,537	\$ 7,900	\$ 7,900					17,100	17,100
Seashore Hall - Wing Replacement and Renovation					10,800	7,263					10,800	10,800
Oakdale Laboratory Renovations					16,000	8,000					32,000	32,000
University Services Building - Phase II*					7,800						7,800	7,800
Pentacrest Renewal and HVAC Modernization											17,000	0
Library System Renovations / Expansion											10,300	10,300
Steam Distribution Infrastructure*											16,000	8,000
Power Plant - East Egress Steam Tunnel*											5,000	0
Power Plant - Second Ash Silo*											1,800	0
Construct East Campus Chilled Water Plant*											1,400	0
15 KV East Campus Loop K*											17,100	0
West Campus Chilled Water Plant Expansion*											1,000	0
Subtotal	\$ 32,500	\$ 19,900	\$ 19,100	\$ 24,837	\$ 44,900	\$ 23,163	\$ 30,100	\$ 15,800	\$ 50,100	\$ 34,300	\$ 201,800	\$ 118,000
Fire and Environmental Safety	\$ 1,000	\$ 1,000	\$ 1,000	\$ 1,000	\$ 1,000	\$ 1,000	\$ 1,000	\$ 1,000	\$ 1,000	\$ 1,000	\$ 5,000	\$ 5,000
Building Deferred Maintenance	4,000	4,000	4,000	4,000	4,000	4,000	4,000	4,000	4,000	4,000	20,000	20,000
Subtotal	\$ 5,000	\$ 5,000	\$ 5,000	\$ 5,000	\$ 5,000	\$ 5,000	\$ 5,000	\$ 5,000	\$ 5,000	\$ 5,000	\$ 25,000	\$ 25,000
TOTAL	\$ 62,600	\$ 24,900	\$ 24,100	\$ 29,837	\$ 49,900	\$ 28,163	\$ 35,100	\$ 20,800	\$ 55,100	\$ 39,300	\$ 226,800	\$ 143,000

*Not included in Board Office recommendation.
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TABLE 2
INSTITUTIONAL FIVE-YEAR STATE-FUNDED CAPITAL REQUESTS
AND BOARD OFFICE RECOMMENDATIONS
(\$ thousands)

	FY 2004		FY 2005		FY 2006		FY 2007		FY 2008		TOTAL REQUEST	TOTAL RECOMM.
	Inst. Request	Board Office Recomm.	Inst. Request	Board Office Recomm.	Inst. Request	Board Office Recomm.	Inst. Request	Board Office Recomm.	Inst. Request	Board Office Recomm.		
IOWA STATE UNIVERSITY												
Coover Hall, Information Science	\$ 15,600	\$ 15,600									\$ 15,600	\$ 15,600
Veterinary Teaching/Diagnostic Lab	4,000	2,600									40,000	40,000
Snedecor Hall Addition and Remodeling	1,000										8,000	8,000
Plant Sciences Building			\$ 7,000	\$ 8,000	\$ 18,000	\$ 19,400	\$ 18,000	\$ 18,000		\$ 18,000	40,000	40,000
College of Design Addition			4,000	4,000	36,000	3,400		14,600			9,500	9,500
Agricultural and Biosystems Engineering			9,500	9,500							10,500	1,200
Livestock Units for Swine and Cattle Research*											5,200	0
Gilman Hall - Phase IV*											13,700	0
Family and Consumer Sciences*											32,000	0
Subtotal	\$ 20,600	\$ 18,200	\$ 20,500	\$ 21,500	\$ 54,000	\$ 22,800	\$ 33,700	\$ 32,600	\$ 45,700	\$ 19,200	\$ 174,500	\$ 114,300
Fire and Environmental Safety	\$ 2,000	\$ 1,000	\$ 2,000	\$ 1,000	\$ 2,000	\$ 1,000	\$ 2,000	\$ 1,000	\$ 2,000	\$ 1,000	\$ 10,000	\$ 5,000
General University Deferred Maintenance	11,000	4,000	11,000	4,000	11,000	4,000	11,000	4,000	11,000	4,000	55,000	20,000
Subtotal	\$ 13,000	\$ 5,000	\$ 13,000	\$ 5,000	\$ 13,000	\$ 5,000	\$ 13,000	\$ 5,000	\$ 13,000	\$ 5,000	\$ 65,000	\$ 25,000
TOTAL	\$ 33,600	\$ 23,200	\$ 33,500	\$ 26,500	\$ 67,000	\$ 27,800	\$ 46,700	\$ 37,600	\$ 58,700	\$ 24,200	\$ 239,500	\$ 139,300

*Not included in Board Office recommendation.
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TABLE 2
INSTITUTIONAL FIVE-YEAR STATE-FUNDED CAPITAL REQUESTS
AND BOARD OFFICE RECOMMENDATIONS
(\$ thousands)

	FY 2004		FY 2005		FY 2006		FY 2007		FY 2008		TOTAL REQUEST	TOTAL RECOMM.
	Inst. Request	Board Office Recomm.	Inst. Request	Board Office Recomm.	Inst. Request	Board Office Recomm.	Inst. Request	Board Office Recomm.	Inst. Request	Board Office Recomm.		
UNIVERSITY OF NORTHERN IOWA												
Electrical Distribution Loop System / Load Break Switches	\$ 7,000	\$ 7,000									\$ 7,000	\$ 7,000
Science Building Renovation, Phase I	10,900	5,700	\$ 13,400	\$ 5,200							10,900	10,900
Price Lab School Renovation/Addition			3,200	—							13,400	—
Commons Renovation				3,200							3,200	3,200
Steam Distribution System Replacement, Phase II					\$ 12,900	\$ 12,900					12,900	12,900
Russell Hall Renovation					7,600			\$ 7,600			7,600	7,600
Sabin Hall Renovation								9,300			9,300	9,300
Baker Hall Renovation								9,900		\$ 9,100	9,900	9,900
Industrial Technology Center Addition								1,100		1,100	10,400	1,100
Science Building Renovation, Phase II								600		600	10,900	600
Subtotal	\$ 17,900	\$ 12,700	\$ 16,600	\$ 8,400	\$ 20,500	\$ 12,900	\$ 20,900	\$ 17,700	\$ 19,600	\$ 10,800	\$ 95,500	\$ 62,500
Building Deferred Maintenance	\$ 3,000	\$ 4,000	\$ 3,000	\$ 4,000	\$ 3,000	\$ 4,000	\$ 3,000	\$ 4,000	\$ 3,000	\$ 4,000	\$ 15,000	\$ 20,000
Subtotal	\$ 3,000	\$ 4,000	\$ 3,000	\$ 4,000	\$ 3,000	\$ 4,000	\$ 3,000	\$ 4,000	\$ 3,000	\$ 4,000	\$ 15,000	\$ 20,000
TOTAL	\$ 20,900	\$ 16,700	\$ 19,600	\$ 12,400	\$ 23,500	\$ 16,900	\$ 23,900	\$ 21,700	\$ 22,600	\$ 14,800	\$ 110,500	\$ 82,500

*Not included in Board Office recommendation.

TABLE 2
**INSTITUTIONAL FIVE-YEAR STATE-FUNDED CAPITAL REQUESTS
 AND BOARD OFFICE RECOMMENDATIONS**
 (\$ thousands)

	FY 2004		FY 2005		FY 2006		FY 2007		FY 2008		TOTAL REQUEST	TOTAL RECOMM.
	Inst. Request	Board Office Recomm.	Inst. Request	Board Office Recomm.	Inst. Request	Board Office Recomm.	Inst. Request	Board Office Recomm.	Inst. Request	Board Office Recomm.		
IOWA SCHOOL FOR THE DEAF												
Utility System Replacement	\$ 250	\$ 250	\$ 250	\$ 250	\$ 250	\$ 250	\$ 250	\$ 250	\$ 250	\$ 250	\$ 1,250	\$ 1,250
Tuckpointing / Deferred Maintenance	185	185	185	185	185	185	185	185	185	185	925	925
Air Conditioning - Boys Residence & Giangreco Hall*	500	500	500								1,000	0
Vehicle Maintenance / Storage Center*				150							150	0
Long Hall Penitence Elevator*							150				150	0
Girls Residence Elevator*							250				250	0
Outdoor Learning Center & Barn Restoration*							200				200	0
Fire Safety Standards*									400		400	0
Total	\$ 935	\$ 435	\$ 935	\$ 435	\$ 585	\$ 435	\$ 1,035	\$ 435	\$ 835	\$ 435	\$ 4,325	\$ 2,175

IOWA SCHOOL FOR THE DEAF
 Utility System Replacement
 Tuckpointing / Deferred Maintenance
 Air Conditioning - Boys Residence & Giangreco Hall*
 Vehicle Maintenance / Storage Center*
 Long Hall Penitence Elevator*
 Girls Residence Elevator*
 Outdoor Learning Center & Barn Restoration*
 Fire Safety Standards*

	FY 2004		FY 2005		FY 2006		FY 2007		FY 2008		TOTAL REQUEST	TOTAL RECOMM.
	Inst. Request	Board Office Recomm.	Inst. Request	Board Office Recomm.	Inst. Request	Board Office Recomm.	Inst. Request	Board Office Recomm.	Inst. Request	Board Office Recomm.		
IOWA BRAILLE AND SIGHT SAVING SCHOOL												
General Deferred Maintenance	100	200	200	200	120	200	120	200	120	200	660	\$ 1,000
Fire Alarm System Upgrade / Replace*	100	200	200	200	120	200	125	200	245	200	250	0
Total	\$ 302	\$ 302	\$ 302	\$ 302	\$ 279	\$ 279	\$ 279	\$ 279	\$ 192	\$ 192	\$ 773	\$ 773
REGENTS												
Lakeside Laboratory - Lab Renovations	302	302										
Total	\$ 302	\$ 302	\$ 302	\$ 302	\$ 279	\$ 279	\$ 279	\$ 279	\$ 192	\$ 192	\$ 773	\$ 773
GRAND TOTAL	\$ 118,437	\$ 65,737	\$ 78,335	\$ 69,372	\$ 141,384	\$ 73,777	\$ 106,980	\$ 80,735	\$ 137,672	\$ 79,127	\$ 582,808	\$ 368,748

IOWA BRAILLE AND SIGHT SAVING SCHOOL
 General Deferred Maintenance
 Fire Alarm System Upgrade / Replace*
REGENTS
 Lakeside Laboratory - Lab Renovations
Total

*Not included in Board Office recommendation.

TABLE 3
UNIVERSITY OF IOWA HOSPITALS AND CLINICS
FY 2004 - FY 2008
FIVE-YEAR CAPITAL PROGRAM SUMMARY
(All Projects Contingent Upon Availability of Self-Generated UIHC Funding)
(\$ Thousands)

Project	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	Five-Year Total	Source of Funds
<u>Fire & Environmental Safety Resolution</u>							
Modify/Replace Non-Compliant Fire Door Components (multiple projects)	\$ 300	\$ 400	\$ 250	\$ 160		\$ 1,110	9
Installation of Addressable Fire Alarm System - Phase C (Support Areas)		92	673	786	\$ 782	2,333	9, 11
Fire/Smoke Zone Compliance Upgrading JCP, JPP, PFP			400	400	250	1,050	9
General Hospital Sprinkler Systems Improvements - Phase C			111	365	260	736	9
Upgrade Security Equipment and Systems - Hospital-wide				500	625	1,125	9
Fire Safety Equipment Enhancements					900	900	9
Subtotal	\$ 300	\$ 492	\$ 1,434	\$ 2,211	\$ 2,817	\$ 7,254	
<u>New Construction</u>							
Develop Geriatric, Other Internal Medicine Clinics, 4th Level, Pomerantz Family Pavilion	\$ 1,360	\$ 4,760	\$ 680			\$ 6,800	9
Pediatric Specialty Clinic Development in 3-Story Shell (Levels 1 and 2)		2,463	8,622	\$ 1,232		12,317	9, 11
Ambulatory Care Clinic and Support Facilities in 3-Story Shell (Level 3)		1,407	4,925	703		7,035	9, 11
Develop Hospital Support Facilities, 5th Level, Pomerantz Family Pavilion			309	1,082	\$ 155	1,546	9, 11
Construct Overhead Walkway to UIHC Patient & Visitor Parking Ramp 1			450	700	300	1,450	9
Subtotal	\$ 1,360	\$ 8,630	\$ 14,986	\$ 3,717	\$ 455	\$ 29,148	
<u>Remodeling/Renovation</u>							
HVAC Upgrades and Energy Conservation	\$ 151	\$ 1,274	\$ 1,573	\$ 408		\$ 3,406	9, 11
Carver Pavilion Inpatient Unit Relocation - Level 7	490	1,388	1,036			2,914	9
Nursing Clinical Education Center	246	1,305	1,357			2,908	9
Urology Clinic Renovation and Expansion	579	2,027	289			2,895	9, 11
Development of Medical Intensive Care Step Down Unit	464	1,623	232			2,319	9
Phased Floor Covering Replacement - Clinic Areas	350	400	470	480	\$ 500	2,200	9
Phased Floor Covering Replacement - Inpatient Areas	350	375	395	410	425	1,955	9
Patient Fiscal & Registration Service Office Renovation and Expansion	339	1,188	170			1,697	9
Joint Office of Planning, Marketing and Communications Relocation	105	889	568			1,562	9
Second Floor Coloton and Pappajohn Pavilions Corridor Utility Upgrade	689	808				1,497	9
Phased Floor Covering Replacement - Public Areas	250	270	290	310	320	1,440	9
Automated Off-Hour Utility Conservation - Phase G	56	510	630	164		1,360	9
UIHC Exterior Security and Access Control Upgrade	300	300	397			997	

TABLE 3
 UNIVERSITY OF IOWA HOSPITALS AND CLINICS
 FY 2004 - FY 2008
 FIVE-YEAR CAPITAL PROGRAM SUMMARY
 (All Projects Contingent Upon Availability of Self-Generated UIHC Funding)
 (\$ Thousands)

Project	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	Five-Year Total	Source of Funds
<u>Remodeling/Renovation (continued)</u>							
Colloton Pavilion Window Refurbishment	32	144	474	337		987	9
Facilities Safety & Security Control Room & Operations Center - Phase 2	316	300	300			916	9
Phased Floor Covering Replacement - Office Areas	150	165	185	200	210	910	9
South East Addition Infrastructure Enhancements	750	150				900	9
Staff Cafeteria Renovation	80	425	284			789	9
South Wing HVAC System Installation - Phase A	139	300	250			689	9
Painting and Vinyl Base Replacement, Public Areas	50	312	206			568	9
Radiology 3rd Floor Reading Room	100	424				524	9
Renovation of 7 JCE Inpatient Unit	100	423				523	9
Center for Disabilities & Development - Automated Off-Hour Utility Conservation	21	189	234	50		494	10
Family Housing Unit Development (4-South)	49	338	94			481	9
Pomerantz Family Pavilion K Bank Elevator	200	210				410	9
Refurbishing Air Handling Units for Automatic System Interface Control	409					409	9
Compass Café Renovation	41	206	138			385	9
3 BT Headwall Installation	384					384	9
Main Kitchen Renovation - Phase 1	200	158				358	9
Install Revolving Door in PFP Main Entrance	306					306	9
Install Revolving Door in JPP South Side	306					306	9
Creation of Additional Waiting Area in CT/Interventional Radiology	50	254				304	9
Hi.P. Smith Conference Room Refurbishment	30	162	109			301	9
Pediatric Office Room Enclosure	150	150				300	9
Forensic Autopsy Room / Storage	50	242				292	9
Restructuring South Wing Emergency Generator	260					260	9
Ambulatory Surgery Center (ASC) Pneumatic Tube Station Expansion	25	137	92			254	9
General Clinical Research Center Relocation		530	3,657	2,438		6,625	9, 4
Roof Replacements - Hospital Wide		300	1,100	1,100	1,100	3,600	9
Carver Pavilion Inpatient Unit Renovation - Level 4		528	1,426	1,073		3,027	9
Development of Patient Discharge Service Center		477	1,668	238		2,383	9

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Project	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	Five-Year Total	Source of Funds
<u>Remodeling/Renovation (continued)</u>							
Utility Pipe Replacement - West General Hospital		416	433			849	9
General Hospital and Boyd Tower Chiller Replacement - Phase A		109	381	176		666	9
Center for Disabilities & Development - HVAC System Replacement - Phase C		93	281	200		574	10
Development of Expanded Ambulatory Renal Dialysis Suite			992	1,983	330	3,305	9
Carver Pavilion Inpatient Unit Renovation - Level 3			572	1,470	1,117	3,159	9, 11
UIHC Utility Distribution Upgrade and Corridor Refurbishment - Level 1			761	1,127	413	2,301	9
UIHC Utility Distribution Upgrade and Corridor Refurbishment - Level 3			55	586	704	1,345	9
General Hospital Elevator Replacement - Phase III			178	584	415	1,177	9
General Hospital HVAC Upgrade - Phase B			169	556	395	1,120	9
Elevator D Bank Vertical Expansion			100	540	365	1,005	9
General Hospital HVAC Upgrade - Phase A			550	400		950	9
Automated Off-Hour Utility Conservation - Phase C			133	439	313	885	9, 11
South Wing Elevator Replacement - Phase A			482	394		876	9
Hospital Building Upgrade for Compliance with Americans with Disabilities Act - Phase A			70	468	312	850	9
South Wing HVAC System Installation - Phase B			111	365	260	736	9
General Hospital and Boyd Tower Chiller Replacement - Phase B			89	393	208	690	9
Former Microbiology Laboratory Replacement			111	338	240	689	9
Window Replacement Carver Pavilion - Levels 1 and B			345	275		620	9
UIHC Chilled Water System Infrastructure Upgrade			56	527		583	9
Ice Prevention at Carver, Colleton and Pomerantz Pavilions			60	519		579	9
Window Replacements - General Hospital and Adjoining Facilities - Phase IX			86	281	200	567	9
Center for Disabilities and Development - Chilled Water Infrastructure			226	265		491	10
Renovation of Former Pediatric Specialty Clinic - Level 2 JCP				808	3,232	4,040	9
Carver Pavilion Inpatient Unit Renovation - Level 6				1,187	2,084	3,271	9, 11
Replacement of Healthcare Information Systems Computer Center & Support Facilities				250	2,390	2,640	9
Renov. of Diagnostic Imaging Labs to Accommodate New Technology (Multiple Projects)				975	975	1,950	9
UIHC Utility Distribution Upgrade and Corridor Refurbishing - Level 4				793	648	1,441	9
South Wing Chilled Water Infrastructure				678	555	1,233	9
General Hospital HVAC Upgrade - Phase D				667	545	1,212	9
Colleton Pavilion Utility Infrastructure Replacement and Equipment				230	950	1,180	9
UIHC Exterior Building Wall Restoration and Upgrade				577	599	1,176	9
General Hospital HVAC Upgrade - Phase C				355	810	1,165	9
Closure of Pipe/Air Chases & Wall Breaches in South Wing				40	1,060	1,100	9
Upgrade and Expand Internal Wayfinding - Hospital-wide				400	590	990	9

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TABLE 3
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Project	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	Five-Year Total	Source of Funds
<u>Remodeling/Renovation (continued)</u>							
Replacement of General Hospital Water, Steam and Service Distribution Piping		210			750	960	9
Automated Off-Hour Utility Conservation - Phase E		525			425	950	9, 11
UIHC Utility Distribution Upgrade and Corridor Refurbishing - Level 5		510			417	927	9
General Hospital Chilled Water Infrastructure		456			373	829	9
General Hospital Steam Distribution Feeder Replacement		130			545	675	9
General Hospital HVAC Upgrade - Phase E		76			525	601	9
Automated Off-Hour Utility Conservation - Phase D		139			456	595	9, 11
Hospital Building Upgrade for Compliance with Americans with Disabilities Act - Phase B		70			468	538	9
Center for Disabilities and Development - Inpatient Unit Renovation		145			380	525	10
General Hospital First Level East Utilities and HVAC Upgrade		69			391	460	9
Replacement of Access Roadway Pavers and Snowmelt System		300			150	450	9
Center for Disabilities and Development - Window Replacement		404				404	10
Carver Pavilion Light Well Window Refurbishment		280				280	9
Upgrade of Child Psychiatry Play Court		40			220	260	9
Carver Pavilion Inpatient Unit Renovation - Level 2					3,403	3,403	9
Expand Back-up Boiler Capacity for Inpatient Area					2,130	2,130	9
Automated Off-Hour Utility Conservation - Phase F					1,275	1,275	9
Chilled Water Piping, Convector and Ventilation Replacement					1,233	1,233	9, 11
UIHC Utility Distribution Upgrade and Corridor Refurbishing - Level 6					1,050	1,050	9
Pappajohn Pavilion Window Refurbishment					975	975	9
General Hospital HVAC Upgrade - Phase F					950	950	9
UIHC Utility Distribution Upgrade and Corridor Refurbishing - Levels 7 and 8					945	945	9
South Wing Elevator Replacement - Phase B					919	919	9
Chilled Water Piping, Convector and Ventilation Replacement - Phase A					829	829	9
Subtotal	\$ 8,567	\$ 19,499	\$ 23,865	\$ 29,408	\$ 41,074	\$ 122,413	
GRAND TOTAL	\$ 10,227	\$ 28,621	\$ 40,285	\$ 35,336	\$ 44,346	\$ 158,815	

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Project	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	Five-Year Total	Source of Funds
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NOTE: The "cutting edge" responsibility of the UIHC constantly brings about some revision in planning. While the foregoing enumeration includes all projects now envisioned for the FY 2004 - FY 2008 period, it is likely that the dynamics of clinical service-educational demands and corollary societal forces and accreditation/regulatory requirements will mandate other projects as time moves on. Furthermore, results of the master planning efforts that are now being implemented by the General University in support of the College of Medicine's initiative in the biosciences may cause the need for some revisions to this program. In accord with long-standing practice, any such changes will be fully documented for consideration and approval by the Board of Regents.

Source of Funds Table:

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| <ul style="list-style-type: none"> 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 | <ul style="list-style-type: none"> 6 Auxiliary Service or Enterprise Revenue 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 UIHC Bonds |
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