

MEMORANDUM

To: Board of Regents
From: Board Office
Subject: Final Five-Year Capital Improvement Plans, FY 2003 - FY 2007
Date: August 30, 2001

Recommended Actions:

1. Approve the Five-Year State-Funded Capital Program for FY 2003 - FY 2007 of \$314.9 million (Table 1); and
2. Approve the Five-Year Program (FY 2003 – FY 2007) of \$152.4 million for the University of Iowa Hospitals and Clinics (Table 3).

Executive Summary:

Two five-year capital plans for the period FY 2003 - FY 2007 are included in this docket memorandum:

- a) Five-year capital program to be funded by capital appropriations or Academic Building Revenue Bonds (including projects to be funded by tax-exempt bond proceeds to be issued by the state as authorized for the state's tobacco trust fund); and
- b) University of Iowa Hospitals and Clinics Five-Year Program to be funded by Hospital Building Usage Funds.

Development of these five-year capital programs is consistent with the Board's Strategic Plan and Procedural Guide, and the Iowa Code. The Iowa Code requires the Board to submit a Five-Year, State-Funded Building Program to the General Assembly at the beginning of each legislative session.

The universities, special schools and Lakeside Laboratory submitted requests for funding from the state in the amount of \$485.3 million, which would be combined with \$83.9 million in private (gift) funds for the projects in the FY 2003 – FY 2007 five-year period (Table 2).

The Board Office recommendation for the Five-Year Capital Priority Plan to be funded by capital appropriations or Academic Building Revenue Bonds is \$314.9 million, with \$83.9 million in private funds (Table 1). While this

recommendation is unchanged from the preliminary recommendation presented to the Board in July, the Board Office expects to continue a dialogue with the universities and plans a more comprehensive review during the next year regarding the out-year (FY 2004 – FY 2007) requests and their priority rankings.

Last year, the institutions requested funding of \$470.0 million and the Board recommended a Five-Year Plan for state funds (FY 2002 – FY 2006) of \$296.0 million.

The University of Iowa Hospitals and Clinics Five-Year Capital Program (FY 2003 - FY 2007) will be financed by patient-generated revenues. Projects totaling \$152.4 million are included in the program (Table 3). The program includes \$79.3 million in projects previously approved or for which approval will be requested in FY 2002, but for which funds will be expended during the period FY 2003 – FY 2007.

UIHC projects for which approvals are planned to be requested during the FY 2003 – FY 2007 period total \$73.1 million. Of this amount, \$41.7 million have been included in University of Iowa Hospitals and Clinics five-year capital programs previously submitted to the Board. Projects not previously listed include heating, ventilating and air conditioning, energy conservation and utility system upgrades, renovations for pediatric specialty clinics, and refurbishing of Carver Pavilion inpatient units. All projects listed on the five-year plan, for which approvals have not yet been granted, will be brought forward for specific project approval as required by Board procedures.

Background and Analysis:

State-Funded Capital Program: FY 2003 - FY 2007

The Board Office recommendation is for a five-year capital improvement program of \$314.9 million (Table 1, page 7) 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 funds totaling \$83.9 million would help finance the projects.

The recommendations focus on academic/instructional facilities, reflect institutional strategic planning, and identify and provide for critical needs related to the missions of each institution. Annual amounts are also recommended for fire and environmental safety and deferred maintenance to help address these important facility issues.

The capital improvement institutional requests for state funds and Board Office recommendations for the FY 2003 – FY 2007 Plan are summarized below:

<u>Institution</u>	<u>Institutional Total Requests (\$ thousands)</u>	<u>Board Office Total Recommendations (\$ thousands)</u>
SUI	\$189,513	\$117,838
ISU	162,800	109,700
UNI	127,600	84,600
ISD	3,235	1,035
IBSSS	1,360	930
Regents/Lakeside Lab	747	747
Total	\$485,255	\$314,850

The institutions made a number of revisions in their five-year state capital requests (FY 2003 – FY 2007) from the requests presented last year (FY 2002 – FY 2006). Some of the more significant changes are as follows:

University of Iowa

As noted in G. D. 9, the University of Iowa has expanded its request from the renovation of the east wing of the Chemistry Building (total cost in FY 2002 – FY 2006 plan of \$15.2 million) to include the remodeling, modernization and expansion in a number of areas of the building in addition to the renovation of the east wing. The University is in the process of undertaking a study to determine the needs for the building; the University has included a request for \$31.2 million in its Five-Year Plan submittal.

The University has also expanded the Macbride Hall – Remodeling and Renewal project to include other buildings on the Pentacrest. The estimated cost for the renewal of the buildings and heating, ventilating and air conditioning modernization is \$10 million.

Iowa State University

The number one priority for FY 2003 funding is the Undergraduate Classrooms and Auditoriums project discussed in G. D. 9. This project would improve worn and outdated instructional spaces in response to the University's dedication to undergraduate education.

Last year Iowa State University requested \$7.2 million in FY 2006 for Veterinary Medicine Hospital. Due to its low institutional priority ranking, this project was not included in the Board's FY 2002 – FY 2006 plan. The University has moved this request up on its priority list and is now requesting

funding in the second and third year of the plan - FY 2004 and FY 2005. The scope of the project has expanded and includes an addition to the Veterinary Medicine complex. The \$20 million requested from the state would be matched by \$20 million in gifts. At its July meeting, the Board approved the undertaking of a feasibility study, which will develop a master plan to facilitate future remodeling and guide new construction to meet current and anticipated program needs.

The University is requesting a total of \$20 million in funding in FY 2005 and FY 2006 for a Plant Sciences Building to support the nine interdisciplinary centers focused on specific areas of plant science research and graduate education. The requested state funding would be matched with \$30 million in gifts.

University of Northern Iowa

The University has substituted, in its priority ranking, the Electrical/Distribution Loop System project for the Renovation of Price Laboratory School. The Price Laboratory project has been refocused to include the replacement (rather than renovation) of academic space, with the estimated total cost being reduced from \$21.5 million to \$13 million.

The Science Buildings Renovation project has been divided into two phases, which would be undertaken subsequent to the completion of the McCollum Science Hall Addition project. The total estimated cost for the renovations is \$21 million.

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

The first year of the FY 2003 – FY 2007 Capital Plan becomes the Board's FY 2003 capital budget request. (See G.D. 9.)

Table 2 (pages 8 to 11) 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 2003 - FY 2007 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 2003 – FY 2007**

The Board Office recommendation includes the University of Iowa Hospitals and Clinics five-year requested plan of \$152.4 million (Table 3, pages 12 -14) to be financed with patient-generated revenues.

UIHC has modified the presentation of its plan to show the planned expenditures by fiscal year. Thus, projects approved by the Board in FY 2001 could be shown on the plan, as expenditures could occur during the FY 2003 – FY 2007 period.

Table 3 shows on a summary line the planned expenditures for projects previously approved by the Board or for which approval is to be requested in FY 2002. Projects for which approvals will be requested in the FY 2003 – FY 2007 period are shown separately, with expenditures estimated for these projects at \$73.1 million during this period.

The projects for which approvals would be requested during the FY 2003 – FY 2007 period can be summarized by type, as follows:

	<u>(\$ Thousands)</u>
Fire & Environmental Safety Resolution	\$2,441
New Construction (completion of shell space)	8,019
Remodeling/Renovation	<u>62,612</u>
Total	\$73,072

The capital program includes three new construction projects:

- Emergency Trauma Center Office and Support Facilities Expansion (addition to the north side of Carver Pavilion) – total cost of \$1.6 million;
- Development of Geriatric and Other Internal Medicine Clinics (completion of shell space on the 4th level of Pomerantz Family Pavilion) - total cost of \$8.8 million, of which \$3.6 million would be expended from FY 2003 – FY 2007; and
- Development of Hospital Support Facilities (completion of shell space on the 5th level of Pomerantz Family Pavilion) – total cost of \$2.8 million.

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.

The total plan, by fiscal year, is as follows:

(\$ thousands)					
<u>FY 2003</u>	<u>FY 2004</u>	<u>FY 2005</u>	<u>FY 2006</u>	<u>FY 2007</u>	<u>Total</u>
\$28,648	\$33,210	\$36,078	\$28,608	\$25,896	\$152,440

The plan for new FY 2003 – FY 2007 projects is as follows:

(\$ thousands)					
<u>FY 2003</u>	<u>FY 2004</u>	<u>FY 2005</u>	<u>FY 2006</u>	<u>FY 2007</u>	<u>Total</u>
\$1,745	\$5,090	\$15,592	\$24,749	\$25,896	\$73,072

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

Joan Racki
Joan Racki

Approved:

Robert J. Barak
Robert J. Barak

TABLE 1
BOARD OF REGENTS, STATE OF IOWA
BOARD OFFICE RECOMMENDATIONS
FIVE-YEAR CAPITAL STATE-FUNDED PRIORITY PLAN
FISCAL YEARS 2003 THROUGH 2007
(\$ Thousands)

Inst.	Project							TOTAL STATE REQUEST	PRIVATE FUNDS	TOTAL
		FY 2003		FY 2004		FY 2005		FY 2006		
Priority	Amount	Priority	Amount	Priority	Amount	Priority	Amount	Priority	Amount	
New Construction, Renovation, and Utilities										
Regents	Lakeside Laboratory Improvements	(1)	\$ 390	(5)	\$ 119	(5)	\$ 119	(5)	\$ 119	\$ 747
ISU	Undergraduate Classrooms and Auditoriums	(2)	14,300	(2)	18,100	(3)	13,375	(4)	10,000	\$ 14,300
UNI	Innovative Teaching Center (East Gym Renovation)	(3)	18,100	(3)	13,375	(4)	13,375	(5)	18,100	18,100
SUI	Classroom Building / Journalism	(4)	13,375	(4)	13,375	(5)	13,375	(6)	14,300	16,390
ISU	Coyer Hall (Electrical Engineering)	(5)	700	(2)	13,700	(6)	6,100	(7)	14,700	29,400
UNI	Electrical Distribution Loop System / Load Break	(6)	700	(3)	7,943	(7)	9,800	(8)	13,448	6,800
SUI	Chemistry Building - Renovation / Expansion	(7)	9,800	(4)	7,943	(8)	5,100	(9)	10,492	31,191
ISU	Livestock Units, Swine & Cattle Research	(8)	5,100	(1)	10,492	(1)	1,500	(2)	18,500	5,100
SUI	Art Building, Phase II	(2)	1,500	(7)	10,000	(1)	3,000	(8)	20,000	10,492
ISU	Veterinary Teaching / Diagnostic Lab	(7)	10,000	(3)	3,640	(8)	4,300	(9)	13,448	40,000
UNI	Veterinary Laboratory School Renovation / Addition	(8)	3,640	(4)	4,300	(9)	6,100	(10)	13,448	13,000
SUI	Oakdale Laboratory Renovation	(9)	4,300	(5)	3,100	(10)	16,640	(11)	13,448	3,640
ISU	Morrill Hall Deferred Maintenance & Remodeling	(10)	3,100	(6)	18,500	(11)	18,500	(12)	13,448	8,600
UNI	Commons Renovation	(11)	16,640	(7)	1,500	(12)	1,500	(13)	16,640	3,100
SUI	Med. Education & Biomed. Res. Fac.- Bldg. C	(12)	1,500	(8)	10,600	(13)	9,000	(14)	15,152	16,640
ISU	Plant Sciences Building	(13)	10,600	(9)	9,000	(14)	5,000	(15)	20,000	15,152
UNI	Science Buildings Renovation, Phase 1	(14)	9,000	(10)	5,000	(15)	12,500	(16)	30,000	20,000
SUI	Sabin Hall Renovation	(15)	5,000	(11)	5,000	(16)	5,000	(17)	10,600	30,000
UNI	Seashore Hall Remodeling	(16)	5,000	(12)	5,000	(17)	5,000	(18)	9,000	10,600
SUI	Snedecor Hall Addition and Remodeling	(17)	5,000	(13)	5,000	(18)	5,000	(19)	9,000	9,000
UNI	Steam Distribution Sys. Replacement, Phase II	(18)	5,000	(14)	5,000	(19)	5,000	(20)	17,500	17,500
ISU	Gilman Hall - Phase IV	(19)	5,000	(15)	5,000	(20)	5,000	(21)	5,000	12,500
SUI	Pentacrest Renewal and HVAC Modernization	(20)	5,000	(16)	5,000	(21)	5,000	(22)	10,000	5,500
ISU	Agricultural and Biosystems Engineering	(21)	5,000	(17)	5,000	(22)	5,000	(23)	1,000	10,000
UNI	Industrial Technology Center Addition	(22)	5,000	(18)	5,000	(23)	5,000	(24)	1,000	1,000
SUI	Family and Consumer Sciences - Phase 1	(23)	5,000	(19)	5,000	(24)	5,000	(25)	500	1,000
UNI	Science Building Renovation, Phase II	(24)	5,000	(20)	5,000	(25)	500	(26)	500	500
Subtotal		\$ 62,765		\$ 554,154		\$ 61,399		\$ 52,067		\$ 272,885
Fire Safety and Deferred Maintenance								\$ 42,500		\$ 83,867
SUI, ISU Regents	Fire and Environmental Safety		\$ 2,000		\$ 2,000		\$ 2,000		\$ 2,000	\$ 10,000
	General Deferred Maintenance		6,885		6,270		6,270		6,270	31,965
	Subtotal		\$ 8,885		\$ 8,270		\$ 8,270		\$ 8,270	\$ 41,965
	TOTAL		\$ 71,650		\$ 62,424		\$ 60,337		\$ 50,770	\$ 398,717

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

	FY 2003				FY 2004				FY 2005				FY 2006				FY 2007					
	Inst.	Board Office Request	Inst.	Board Office Recomm.	Inst.	Board Office Request	Inst.	Board Office Recomm.	Inst.	Board Office Request	Inst.	Board Office Recomm.	Inst.	Board Office Request	Inst.	Board Office Recomm.	Inst.	Board Office Request	Inst.	Board Office Recomm.		
UNIVERSITY OF IOWA																						
Art Building - Phase II	\$ 13,375	\$ 13,375	\$ 18,715	\$ 9,800	\$ 10,492	\$ 10,492	\$ 12,476	\$ 7,570	\$ 7,943	\$ 12,476	\$ 7,570	\$ 16,640	\$ 16,640	\$ 18,727	\$ 13,448	\$ 13,448	\$ 16,495	\$ 5,000	\$ 12,484	\$ 12,500		
Classroom Building / Journalism																						
Chemistry Building - Renovation / Expansion																						
Oakdale Laboratory Renovations																						
Med. Education & Biomed. Research Fac. - Bldg. C																						
Seashore Hall - Wing Replacement and Renovation																						
University Services Building - Phase II*																						
Pentacrest Renewal and HVAC Modernization																						
Steam Distribution Infrastructure*																						
Power Plant - East Egress Steam Tunnel*																						
Power Plant - Second Ash Silo*																						
Construct East Campus Chilled Water Plant*																						
15 KV East Campus Loop K*																						
Chilled Water Plant - Replace Absorption Chiller*																						
Arts Campus - Upgrade Storm Sewers - Phase 3*																						
Subtotal	\$ 34,160	\$ 23,175	\$ 32,474	\$ 18,435	\$ 37,067	\$ 20,280	\$ 28,815	\$ 18,448	\$ 31,997	\$ 22,500	\$ 31,997	\$ 22,500	\$ 36,997	\$ 21,448	\$ 33,815	\$ 23,280	\$ 42,067	\$ 21,445	\$ 36,997	\$ 25,500	\$ 189,513	\$ 117,838
Fire and Environmental Safety																						
Building Deferred Maintenance																						
Subtotal	\$ 1,000	\$ 1,000	\$ 4,000	\$ 2,000	\$ 4,000	\$ 2,000	\$ 5,000	\$ 3,000	\$ 25,000	\$ 15,000												
TOTAL	\$ 39,160	\$ 26,175	\$ 37,474	\$ 21,445	\$ 42,067	\$ 21,445	\$ 36,997	\$ 23,280	\$ 42,067	\$ 21,445	\$ 36,997	\$ 25,500	\$ 36,997	\$ 25,500	\$ 36,997	\$ 25,500	\$ 1,070	\$ 0	\$ 1,070	\$ 0	\$ 164,513	\$ 102,838

*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 2003		FY 2004		FY 2005		FY 2006		FY 2007		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.	Inst. Request	Board Office Recomm.	Inst. Request	Board Office Recomm.	Inst. Request	Board Office Recomm.
IOWA STATE UNIVERSITY																
Undergraduate Classrooms and Auditoriums																
Coover Hall (Electrical Engineering)	\$ 14,300	\$ 14,300	\$ 1,000	\$ 1,000	\$ 13,700	\$ 13,700	\$ 1,500	\$ 1,500	\$ 18,500	\$ 18,500	\$ 18,500	\$ 18,500	\$ 18,500	\$ 18,500	\$ 14,300	\$ 14,300
Livestock Units for Swine and Cattle Research	5,100	5,100					8,600	4,300	1,500	1,500	5,000	5,000	500	500	5,100	5,100
Veterinary Teaching/Diagnostic Lab																
Morrill Hall Deferred Maintenance and Remodeling																
Plant Sciences Building																
Snedecor Hall Addition and Remodeling																
Gilman Hall - Phase IV																
Agricultural and Biosystems Engineering																
Family and Consumer Sciences - Phase 1																
Subtotal	\$ 20,400	\$ 20,400	\$ 23,800	\$ 19,500	\$ 20,000	\$ 24,300			\$ 25,500	\$ 19,500	\$ 48,100	\$ 11,000	\$ 137,800	\$ 94,700		
Fire and Environmental Safety																
General University Deferred Maintenance																
Subtotal	\$ 2,000	\$ 1,000	\$ 2,000	\$ 1,000	\$ 2,000	\$ 1,000			\$ 2,000	\$ 1,000	\$ 2,000	\$ 1,000	\$ 2,000	\$ 1,000	\$ 10,000	\$ 5,000
TOTAL	\$ 25,400	\$ 23,400	\$ 28,800	\$ 22,500	\$ 25,000	\$ 27,300			\$ 30,500	\$ 22,500	\$ 53,100	\$ 14,000	\$ 162,800	\$ 109,700		

*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 2003				FY 2004				FY 2005				FY 2006				FY 2007			
	Inst. Request	Board Office Recomm.	TOTAL REQUEST	TOTAL RECOMM.																
UNIVERSITY OF NORTHERN IOWA																				
Innovative Teaching Center	\$ 18,100	\$ 18,100	\$ 700	\$ 13,000	\$ 6,100	\$ 10,000	\$ 3,100	\$ 10,600	\$ 9,000	\$ 3,000	\$ 3,100	\$ 10,600	\$ 12,500	\$ 5,000	\$ 9,000	\$ 7,500	\$ 1,000	\$ 10,500	\$ 10,500	\$ 18,100
Electrical Distribution Loop System / Load Break Switches	6,800																			6,800
Price Lab School Renovation/Addition																				13,000
Commons Renovation																				3,100
Science Building Renovation, Phase I																				10,600
Sabin Hall Renovation																				10,600
Steam Distribution System Replacement, Phase II																				9,000
Industrial Technology Center Addition																				12,500
Science Building Renovation, Phase II																				12,500
Baker Hall Renovation*																				10,000
Russell Hall Renovation*																				1,000
Subtotal	\$ 24,900	\$ 18,800			\$ 16,100	\$ 16,100			\$ 19,600	\$ 16,700			\$ 22,500	\$ 14,000			\$ 27,500	\$ 9,000		
Building Deferred Maintenance																				\$ 74,600
Subtotal	\$ 5,000	\$ 2,000			\$ 3,000	\$ 2,000														
TOTAL	\$ 29,900	\$ 20,800			\$ 19,100	\$ 18,100			\$ 22,600	\$ 18,700			\$ 25,500	\$ 16,000			\$ 30,500	\$ 11,000		
																				\$ 127,600
																				\$ 84,600

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

IOWA SCHOOL FOR THE DEAF
Utility System Replacement
Tuckpointing and Waterproofing
General Deferred Maintenance
Old Primary Demolition*
Air Conditioning - Boys Residence & Giangreco Hall*
Outdoor Learning Center & Barn Restoration*
Girls Residence Elevator*
Vehicle Maintenance / Storage Center*
Long Hall Penthouse Elevator*
Underground Storage Tanks*
Fire Safety Standards*
Total

REGENTS Mahan Hall Lab Renov Total GRAND T

TABLE 3
UNIVERSITY OF IOWA HOSPITALS AND CLINICS
FY 2003 - FY 2007
FIVE-YEAR CAPITAL PROGRAM SUMMARY
(All Projects Contingent Upon Availability of Self-Generated UIHC Funding)

Project	FY 2003	FY 2004	FY 2005	FY 2006	FY 2007	Five-Year Total	Source of Funds
Fire & Environmental Safety Resolution							
Previously approved projects or approval to be requested in FY 2002	\$ 2,468	\$ 1,353	\$ 510	\$ 100	\$ 838	\$ 1,035	\$ 4,431
Installation of Addressable Fire Alarm System - Phase C			92		734		1,965
General Hospital Sprinkler Systems Improvements - Phase C				111		365	476
Subtotal	\$ 2,468	\$ 1,353	\$ 602	\$ 1,049	\$ 1,400	\$ 6,872	9
New Construction							
Previously approved projects or approval to be requested in FY 2002	\$ 19,046	\$ 19,108	\$ 15,034	\$ 3,510			\$ 56,698
Emergency Trauma Center Office and Support Facilities Expansion			124		734	\$ 755	1,613
Develop Geriatric, Other Internal Medicine Clinics, 4th Level, Pomerantz Family Pavilion				357		3,286	3,643
Develop Hospital Support Facilities, 5th Level, Pomerantz Family Pavilion				854		1,909	2,763
Subtotal	\$ 19,046	\$ 19,108	\$ 15,158	\$ 5,455	\$ 5,950	\$ 64,717	9
Remodeling/Renovation							
Previously approved projects or approval to be requested in FY 2002	\$ 5,389	\$ 7,659	\$ 4,942	\$ 249			\$ 18,239
Adult Bone Marrow Transplant Unit Expansion - Phase II	80	728	900	234			1,942
Position Emission Tomography Center Expansion	213	703	501				1,417
Automated Off-Hour Utility Conservation - Phase G	56	510	630	164			1,360
Hospital Information Systems Office Expansion	621	431					1,052
Pipe Replacement - West General Hospital	416	433					849
Center for Disabilities & Development - HVAC System Replacement - Phase B	99	325	231				655
Reconstructing South Wing Emergency Generator	260						260
HVAC Upgrades and Energy Conservation	151	1,274		1,573	408		3,406
Nursing Clinical Education Center	246	1,305	1,357				2,908
Urology Clinic Renovation and Expansion	129	1,082	1,337		347		2,895
Patient Fiscal & Registration Service Office Renovation and Expansion	75	635	784		203		1,697
Multiple Building Roof Replacements	70	590	728		189		1,577
Joint Office of Planning, Marketing and Communications Relocation	105	889	568				1,562
Treatment Room Development and Fire/Life Safety Upgrades	167	509	363				1,039
Former Microbiology Laboratory Redevelopment	111	338	240				689
General Hospital and Boyd Tower Chillers Replacement - Phase A	109	381	176				666
Center for Disabilities & Development - HVAC System Replacement - Phase C	93	281	200				574
Family Housing Unit Development (4-South)	49	338	94				481

TABLE 3
UNIVERSITY OF IOWA HOSPITALS AND CLINICS
FY 2003 - FY 2007
FIVE-YEAR CAPITAL PROGRAM SUMMARY
(All Projects Contingent Upon Availability of Self-Generated UIHC Funding)
(\$ Thousands)

Project	FY 2003	FY 2004	FY 2005	FY 2006	FY 2007	Five-Year Total	Source of Funds
<u>Remodeling/Renovation Continued)</u>							
Refurbishing Air Handling Units for Automatic System Interface Control	409					409	9
H.P. Smith Conference Room Refurbishment	246	146				392	9
Pediatric Specialty Clinic Remodeling and Children's Hospital of Iowa	1,575		3,042		2,677	7,294	9
Entrance Lobby Development							
Roy Carver Pavilion Inpatient Refurbishing (Multiple Phases)	1,688					1,826	3,514
Development of a Patient Discharge Service Center	98		894			1,104	2,096
Institute of Neuroscience Development	142		1,223			114	1,479
UIHC Utility Distribution Upgrade and Corridor Refurbishment, Third Floor	55		505			623	1,183
UIHC Utility Distribution Upgrade and Corridor Refurbishment, First Floor	176		579			413	1,168
General Hospital HVAC Upgrade - Phase B	69		556			395	1,120
Emergency Treatment and Level I Trauma Center Renovation	147		484			344	975
Colloton Pavilion Window Refurbishment	144		474			337	955
Automated Off-Hour Utility Conservation - Phase C	133		439			313	885
General Hospital HVAC Upgrade - Phase A	84		790			874	874
South Wing HVAC System Installation - Phase B	111		365			260	736
General Hospital and Boyd Tower Chillers Replacement - Phase B	89		393			208	690
General Hospital and Carver Pavilion Roof Replacement	99		325			231	655
UIHC Chilled Water System Infrastructure Upgrade	56		527			583	9
Window Replacements General Hospital and Adjoining Facilities - Phase IX	86		281			200	567
O.R. Suite Support Facilities and Cardiovascular Labs Roof Replacement	494						
Development of Medical Intensive Care Step Down Unit							
UIHC Exterior Building Wall Restoration and Upgrade	138					1,564	1,702
Consolidation of Pathology Administrative Offices	577					599	1,176
General Hospital First Floor Corridor Refurbishing	556					578	1,134
Second Floor Colloton and Pappajohn Pavilions Corridor Enhancement	585					548	1,133
General Hospital Elevator Replacement - Phase III	62					703	765
General Hospital HVAC Upgrade - Phase C	178					584	762
Development of Expanded Ambulatory Renal Dialysis Suite	176					578	754
Automated Off-Hour Utility Conservation - Phase D	164					543	707
Five Southeast Addition Remodeling	139					456	595
Center for Disabilities and Development - Window Replacement	112					371	483
Facilities Services Utilities and HVAC Upgrade	69					404	404
South Wing Lobby and Roy Carver Pavilion Link Roof Replacement						229	298
						623	623

TABLE 3
UNIVERSITY OF IOWA HOSPITALS AND CLINICS
FY 2003 - FY 2007
FIVE-YEAR CAPITAL PROGRAM SUMMARY
(All Projects Contingent Upon Availability of Self-Generated UIHC Funding)
(\$ Thousands)

Project	FY 2003	FY 2004	FY 2005	FY 2006	FY 2007	Five-Year Total	Source of Funds
Remodeling/Renovation Continued)							
General Hospital HVAC Upgrade - Phase D						183	183
Automated Off-Hour Utility Conservation - Phase E						183	183
South Wing Elevator Replacement - Phase B						139	139
General Hospital Steam Distribution Feeder Replacement						130	130
Chilled Water Piping, Convector and Ventilation Replacement - Phase A						125	125
South Wing Elevator Replacement - Phase A						116	116
Automated Off-Hour Utility Conservation - Phase F						51	51
Chilled Water Piping, Convector and Ventilation Replacement - Phase B						51	51
Subtotal	\$ 7,134	\$ 12,749	\$ 20,318	\$ 22,104	\$ 18,546	\$ 80,851	
GRAND TOTAL	\$ 28,648	\$ 33,210	\$ 36,078	\$ 28,608	\$ 25,896	\$ 152,440	

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 2003 - FY 2007 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:

- 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 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