

**MEMORANDUM**

**To:** Board of Regents  
**From:** Board Office  
**Subject:** Preliminary Five-Year Capital Improvement Plans,  
FY 2003 - FY 2007  
**Date:** July 6, 2001

**Recommended Actions:**

1. Consider the Board Office preliminary recommendation of \$314.9 million for the Five-Year State-Funded Capital Program for FY 2003 - FY 2007 (Table 1);
2. Consider the Five-Year Program (FY 2003 – FY 2007) of \$152.4 million for the University of Iowa Hospitals and Clinics to be funded by Hospital Building Usage Funds (Table 3); and
3. Receive the report on FY 2003 – FY 2007 capital plans of \$316.3 million for the universities, special schools and Lakeside Laboratory to be funded by sources other than capital appropriations, Academic Building Revenue Bonds, or hospital funds (Table 4).

**Executive Summary:**

Three 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);
- b) University of Iowa Hospitals and Clinics Five-Year Program to be funded by Hospital Building Usage Funds; and
- c) Capital programs of the universities, special schools and Lakeside Laboratory to be funded from all sources of funds excluding state - requested capital funds and UIHC 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. Section 9.02 (B2) of the Board's Procedural Guide requires all-funds, five-year building programs to be presented to the Board in July. These programs are to include projects to be funded from all sources of funds. 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 institutions submitted all-funds five-year capital plans (FY 2003 - FY 2007) totaling \$1.0 billion. Of this amount, the universities, special schools and Lakeside Laboratory requested 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 (Table 2). The Board Office preliminary 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). 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 funding. 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.

The institutional five-year program to be financed from sources other than state-funded requests or UIHC revenue totals \$316.3 million. Included are projects for the residence, parking, utility and telecommunications systems, as well as improvements to be undertaken with operating general funds. The projects listed on Table 4 are subject to further review and availability of funding and specific project approval by the Board.

**Background and Analysis:**

**State-Funded Capital Program: FY 2003 - FY 2007**

The Board Office preliminary recommendation is for a five-year capital improvement program of \$314.9 million (Table 1, page 8) 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 requests for state funds and Board Office preliminary recommendations for the FY 2003 – FY 2007 Plan are summarized below:

<u>Institution</u>	<u>Total Request (\$ thousands)</u>	<u>Total Recommendation (\$ 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	<u>747</u>	<u>747</u>
<b>Total</b>	<b>\$485,255</b>	<b>\$314,850</b>

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. 14, 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. 14. 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. A request to undertake a feasibility study is included in the University's capital register this month. (See ISU B-1.) The study would 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 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 preliminary recommendation.

The first year of the FY 2003 – FY 2007 Capital Plan becomes the Board's FY 2003 capital budget request. (See G.D. 14.)

The Board Office will review and discuss the projects, priorities and dollar amounts recommended for all years of the Plan with the institutions prior to the September Board meeting.

Table 2 (pages 9 to 12) provides a comparison by fiscal year of institutional requests and the Board Office preliminary 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 preliminary 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 preliminary recommendation includes the University of Iowa Hospitals and Clinics five-year requested plan of \$152.4 million (Table 3, pages 13 -15) 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 4<sup>th</sup> 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 5<sup>th</sup> 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.

**Other-Funds Five-Year Capital Plans: FY 2003 – FY 2007**

Table 4 (pages 16 – 19) provides a summary of institutional major building needs to be funded by sources other than state capital funds or UIHC funds.

Other fund sources include: operating budget building renewal funds, income from treasurer's temporary investments, auxiliary service or enterprise bond funds (utility, telecommunications and residential 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 are summarized below:

(\$ thousands)

	<u>FY 2003</u>	<u>FY 2004</u>	<u>FY 2005</u>	<u>FY 2006</u>	<u>FY 2007</u>	<u>Total</u>
SUI	\$41,340	\$30,368	\$26,368	\$19,380	\$12,380	\$129,836
ISU	19,186	54,375	44,086	12,580	15,882	146,109
UNI	14,190	7,959	4,440	9,640	2,790	39,019
ISD	200	200	200	200	200	1,000
IBSSS	40	40	40	40	40	200
Lakeside	<u>16</u>	<u>17</u>	<u>18</u>	<u>19</u>	<u>20</u>	<u>90</u>
Total	\$74,972	\$92,959	\$75,152	\$41,859	\$31,312	\$316,254

The Board is asked to receive this section of the report; the proposed projects are subject to further review and availability of funding and specific project approval by the Board.

  
Joan Racki

Approved:   
Frank J. Stork

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

Inst.	Project	FY 2003		FY 2004		FY 2005		FY 2006		FY 2007		TOTAL STATE REQUEST	PRIVATE FUNDS	TOTAL
		Priority	Amount	Priority	Amount	Priority	Amount	Priority	Amount	Priority	Amount			
	<b>New Construction, Renovation, and Utilities</b>													
Regents	Lakeside Laboratory Improvements	(1)	\$ 390	(5)	\$ 119	(5)	\$ 119	(5)	\$ 119			\$ 747		\$ 747
ISU	Undergraduate Classrooms and Auditoriums	(2)	14,300									14,300		14,300
UNI	Innovative Teaching Center (East Gym Renovation)	(3)	18,100									18,100		18,100
SUI	Classroom Building / Journalism	(4)	13,375									13,375	\$ 3,015	16,390
ISU	Coover Hall (Electrical Engineering)	(5)	1,000	(2)	13,700							14,700	14,700	29,400
UNI	Electrical Distribution Loop System / Load Break	(6)	700	(3)	6,100							6,800		6,800
SUI	Chemistry Building - Renovation / Expansion	(7)	9,800	(4)	7,943							31,191		31,191
ISU	Livestock Units, Swine & Cattle Research	(8)	5,100						(1)	13,448		5,100		5,100
SUI	Art Building, Phase II			(1)	10,482							10,482		10,482
ISU	Veterinary Teaching / Diagnostic Lab			(6)	1,500	(2)	18,500					20,000	20,000	40,000
UNI	Price Laboratory School Renovation / Addition			(7)	10,000	(1)	3,000					13,000		13,000
SUI	Oakdale Laboratory Renovation					(3)	3,640					3,640		3,640
ISU	Morrill Hall Deferred Maintenance & Remodeling			(8)	4,300	(4)	4,300					8,600		8,600
UNI	Commons Renovation					(6)	3,100					3,100		3,100
SUI	Med. Education & Biomed. Res. Fac. - Bldg. C					(7)	16,640					16,640	15,152	31,792
ISU	Plant Sciences Building					(8)	1,500	(2)	18,500			20,000	30,000	50,000
UNI	Science Buildings Renovation, Phase 1											10,600		10,600
UNI	Sabin Hall Renovation											9,000		9,000
SUI	Seashore Hall Remodeling							(3)	9,000	(1)	12,500	17,500		17,500
ISU	Snedecor Hall Addition and Remodeling							(4)	5,000	(2)	4,500	5,000	1,000	6,000
UNI	Steam Distribution Sys. Replacement, Phase II							(6)	500	(3)	7,500	12,500		12,500
ISU	Gilman Hall - Phase IV							(7)	5,000	(4)	5,000	5,500		5,500
SUI	Pentacrest Renewal and HVAC Modernization							(8)	500	(5)	10,000	10,000		10,000
ISU	Agricultural and Biosystems Engineering									(6)	1,000	1,000		1,000
UNI	Industrial Technology Center Addition									(7)	1,000	1,000		1,000
ISU	Family and Consumer Sciences - Phase 1									(8)	500	500		500
UNI	Science Building Renovation, Phase II									(9)	500	500		500
	<b>Subtotal</b>		<b>\$ 62,765</b>		<b>\$ 84,154</b>		<b>\$ 61,399</b>		<b>\$ 52,067</b>		<b>\$ 42,500</b>	<b>\$ 272,885</b>	<b>\$ 83,867</b>	<b>\$ 356,752</b>
	<b>Fire Safety and Deferred Maintenance</b>													
SUI, ISU	Fire and Environmental Safety		\$ 2,000		\$ 2,000		\$ 2,000		\$ 2,000		\$ 2,000	\$ 10,000		\$ 10,000
Regents	General Deferred Maintenance		6,885		6,270		6,270		6,270		6,270	31,965		31,965
	<b>Subtotal</b>		<b>\$ 8,885</b>		<b>\$ 8,270</b>		<b>\$ 8,270</b>		<b>\$ 8,270</b>		<b>\$ 8,270</b>	<b>\$ 41,965</b>	<b>\$ -</b>	<b>\$ 41,965</b>
	<b>TOTAL</b>		<b>\$ 71,650</b>		<b>\$ 62,424</b>		<b>\$ 69,669</b>		<b>\$ 60,337</b>		<b>\$ 50,770</b>	<b>\$ 314,850</b>	<b>\$ 83,867</b>	<b>\$ 398,717</b>



TABLE 2  
 INSTITUTIONAL FIVE-YEAR STATE-FUNDED CAPITAL REQUESTS  
 AND BOARD OFFICE PRELIMINARY 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.		
<b>UNIVERSITY OF IOWA</b>												
Art Building - Phase II	\$ 13,375	\$ 13,375	\$ 10,492	\$ 10,492							\$ 10,492	\$ 10,492
Classroom Building / Journalism	18,715	9,800	12,476	7,943							13,375	13,375
Chemistry Building - Renovation / Expansion			7,570		\$ 16,640	\$ 3,640	\$ 13,448				31,191	31,191
Oakdale Laboratory Renovations					18,727	16,640					7,570	3,640
Med. Education & Biomed. Research Fac. - Bldg. C							5,000				16,640	16,640
Seashore Hall - Wing Replacement and Renovation									\$ 12,484	\$ 12,500	31,211	17,500
University Services Building - Phase II*											16,495	0
Pentacrest Renewal and HVAC Modernization	1,000		1,000		1,000					10,000	10,000	10,000
Steam Distribution Infrastructure*											5,000	0
Power Plant - East Egress Steam Tunnel*											1,800	0
Power Plant - Second Ash Silo*											1,800	0
Construct East Campus Chilled Water Plant*											1,320	0
15 KV East Campus Loop K*											16,713	0
Chilled Water Plant - Replace Absorption Chiller*											936	0
Arts Campus - Upgrade Storm Sewers - Phase 3*					700						700	0
<b>Subtotal</b>	\$ 34,160	\$ 23,175	\$ 32,474	\$ 18,435	\$ 37,067	\$ 20,280	\$ 28,815	\$ 18,448	\$ 31,937	\$ 22,500	\$ 164,513	\$ 102,838
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	2,000	4,000	2,000	4,000	2,000	4,000	2,000	4,000	2,000	20,000	10,000
<b>Subtotal</b>	\$ 5,000	\$ 3,000	\$ 5,000	\$ 3,000	\$ 5,000	\$ 3,000	\$ 5,000	\$ 3,000	\$ 5,000	\$ 3,000	\$ 25,000	\$ 15,000
<b>TOTAL</b>	\$ 39,160	\$ 26,175	\$ 37,474	\$ 21,435	\$ 42,067	\$ 23,280	\$ 33,815	\$ 21,448	\$ 36,937	\$ 25,500	\$ 189,513	\$ 117,838

\*Not included in Board Office preliminary recommendation.  
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AND BOARD OFFICE PRELIMINARY 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.		
<b>IOWA STATE UNIVERSITY</b>												
Undergraduate Classrooms and Auditoriums	\$ 14,300	\$ 14,300									\$ 14,300	\$ 14,300
Coover Hall (Electrical Engineering)	1,000	1,000	\$ 13,700	\$ 13,700							14,700	14,700
Livestock Units for Swine and Cattle Research	5,100	5,100			\$ 18,500	\$ 18,500					5,100	5,100
Veterinary Teaching/Diagnostic Lab			1,500	1,500	1,500	1,500					20,000	20,000
Morrill Hall Deferred Maintenance and Remodeling			8,600	4,300							8,600	8,600
Plant Sciences Building							\$ 18,500	\$ 18,500			20,000	20,000
Shedcor Hall Addition and Remodeling							5,000	500		\$ 4,500	5,000	5,000
Gilman Hall - Phase IV							500	500			13,400	5,500
Agricultural and Biosystems Engineering							1,000	1,000			21,100	1,000
Family and Consumer Sciences - Phase 1							500	500			15,600	500
<b>Subtotal</b>	<b>\$ 20,400</b>	<b>\$ 20,400</b>	<b>\$ 23,800</b>	<b>\$ 19,500</b>	<b>\$ 20,000</b>	<b>\$ 24,300</b>	<b>\$ 25,500</b>	<b>\$ 19,500</b>	<b>\$ 48,100</b>	<b>\$ 11,000</b>	<b>\$ 137,800</b>	<b>\$ 94,700</b>
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	3,000	2,000	3,000	2,000	3,000	2,000	3,000	2,000	3,000	2,000	15,000	10,000
<b>Subtotal</b>	<b>\$ 5,000</b>	<b>\$ 3,000</b>	<b>\$ 5,000</b>	<b>\$ 3,000</b>	<b>\$ 5,000</b>	<b>\$ 3,000</b>	<b>\$ 5,000</b>	<b>\$ 3,000</b>	<b>\$ 5,000</b>	<b>\$ 3,000</b>	<b>\$ 25,000</b>	<b>\$ 15,000</b>
<b>TOTAL</b>	<b>\$ 25,400</b>	<b>\$ 23,400</b>	<b>\$ 28,800</b>	<b>\$ 22,500</b>	<b>\$ 25,000</b>	<b>\$ 27,300</b>	<b>\$ 30,500</b>	<b>\$ 22,500</b>	<b>\$ 53,100</b>	<b>\$ 14,000</b>	<b>\$ 162,800</b>	<b>\$ 109,700</b>

\*Not included in Board Office preliminary recommendation.  
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(\$ 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.		
<b>UNIVERSITY OF NORTHERN IOWA</b>												
Innovative Teaching Center	\$ 18,100	\$ 18,100									\$ 18,100	\$ 18,100
Electrical Distribution Loop System / Load Break Switches	6,800	700	\$ 13,000	\$ 6,100		\$ 3,000					6,800	6,800
Price Lab School Renovation/Addition			3,100	10,000		3,100					13,000	13,000
Commons Renovation					\$ 10,600	10,600					3,100	3,100
Science Building Renovation, Phase I					9,000		\$ 9,000				10,600	10,600
Sabin Hall Renovation								\$ 9,000			9,000	9,000
Steam Distribution System Replacement, Phase II							\$ 12,500	\$ 7,500			12,500	12,500
Industrial Technology Center Addition							10,000	5,000			10,000	1,000
Science Building Renovation, Phase II											10,500	500
Baker Hall Renovation*											9,600	0
Russell Hall Renovation*											7,400	0
<b>Subtotal</b>	<b>\$ 24,900</b>	<b>\$ 18,800</b>	<b>\$ 16,100</b>	<b>\$ 16,100</b>	<b>\$ 19,600</b>	<b>\$ 16,700</b>	<b>\$ 22,500</b>	<b>\$ 14,000</b>	<b>\$ 27,500</b>	<b>\$ 9,000</b>	<b>\$ 110,600</b>	<b>\$ 74,600</b>
Building Deferred Maintenance	\$ 5,000	\$ 2,000	\$ 3,000	\$ 2,000	\$ 3,000	\$ 2,000	\$ 3,000	\$ 2,000	\$ 3,000	\$ 2,000	\$ 17,000	\$ 10,000
<b>Subtotal</b>	<b>\$ 5,000</b>	<b>\$ 2,000</b>	<b>\$ 3,000</b>	<b>\$ 2,000</b>	<b>\$ 3,000</b>	<b>\$ 2,000</b>	<b>\$ 3,000</b>	<b>\$ 2,000</b>	<b>\$ 3,000</b>	<b>\$ 2,000</b>	<b>\$ 17,000</b>	<b>\$ 10,000</b>
<b>TOTAL</b>	<b>\$ 29,900</b>	<b>\$ 20,800</b>	<b>\$ 19,100</b>	<b>\$ 18,100</b>	<b>\$ 22,600</b>	<b>\$ 18,700</b>	<b>\$ 25,500</b>	<b>\$ 16,000</b>	<b>\$ 30,500</b>	<b>\$ 11,000</b>	<b>\$ 127,600</b>	<b>\$ 84,600</b>

\*Not included in Board Office preliminary recommendation.  
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**TABLE 2**  
**INSTITUTIONAL FIVE-YEAR STATE-FUNDED CAPITAL REQUESTS**  
**AND BOARD OFFICE PRELIMINARY 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.		
<b>IOWA SCHOOL FOR THE DEAF</b>												
Utility System Replacement	\$ 250	\$ 250									\$ 500	\$ 250
Tuckpointing and Waterproofing	185	185									185	185
General Deferred Maintenance												600
Old Primary Demolition*	400										400	0
Air Conditioning - Boys Residence & Giangreco Hall*	500										1,000	0
Outdoor Learning Center & Barn Restoration*											200	0
Girls Residence Elevator*											250	0
Vehicle Maintenance / Storage Center*											150	0
Long Hall Penthouse Elevator*											300	0
Underground Storage Tanks*											250	0
Fire Safety Standards*											150	0
<b>Total</b>	<b>\$ 1,335</b>	<b>\$ 435</b>	<b>\$ 950</b>	<b>\$ 150</b>	<b>\$ 400</b>	<b>\$ 150</b>	<b>\$ 150</b>	<b>\$ 150</b>	<b>\$ 400</b>	<b>\$ 150</b>	<b>\$ 3,235</b>	<b>\$ 1,035</b>

**IOWA BRaille AND SIGHT SAVING SCHOOL**  
 HVAC Upgrade  
 General Deferred Maintenance  
 Fire Alarm System Upgrade / Replace\*  
**Total**

	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.		
<b>REGENTS</b>												
Mahan Hall Renovation	\$ 249	\$ 249									\$ 249	\$ 249
Lab Renovations											498	498
<b>Total</b>	<b>\$ 249</b>	<b>\$ 390</b>	<b>\$ 141</b>	<b>\$ 119</b>	<b>\$ 119</b>	<b>\$ 119</b>	<b>\$ 119</b>	<b>\$ 119</b>	<b>\$ 119</b>	<b>\$ 119</b>	<b>\$ 747</b>	<b>\$ 747</b>
<b>GRAND TOTAL</b>	<b>\$ 96,584</b>	<b>\$ 71,650</b>	<b>\$ 86,665</b>	<b>\$ 62,424</b>	<b>\$ 90,306</b>	<b>\$ 69,669</b>	<b>\$ 90,329</b>	<b>\$ 60,337</b>	<b>\$ 121,361</b>	<b>\$ 50,770</b>	<b>\$ 485,255</b>	<b>\$ 314,850</b>

**REGENTS**  
 Mahan Hall Renovation  
 Lab Renovations  
**Total**

**GRAND TOTAL**

\*Not included in Board Office preliminary recommendation.  
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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>Fire &amp; Environmental Safety Resolution</u>							
Previously approved projects or approval to be requested in FY 2002							
Installation of Addressable Fire Alarm System - Phase C	\$ 2,468	\$ 1,353	\$ 510	\$ 100		\$ 4,431	9
General Hospital Sprinkler Systems Improvements - Phase C			92	838	\$ 1,035	1,965	9
<b>Subtotal</b>	<b>\$ 2,468</b>	<b>\$ 1,353</b>	<b>\$ 602</b>	<b>\$ 1,049</b>	<b>\$ 1,400</b>	<b>\$ 6,872</b>	9
<u>New Construction</u>							
Previously approved projects or approval to be requested in FY 2002							
Emergency Trauma Center Office and Support Facilities Expansion	\$ 19,046	\$ 19,108	\$ 15,034	\$ 3,510		\$ 56,698	9
Develop Geriatric, Other Internal Medicine Clinics, 4th Level, Pomerantz Family Pavilion			124	734	\$ 755	1,613	9
Develop Hospital Support Facilities, 5th Level, Pomerantz Family Pavilion				357	3,286	3,643	9
<b>Subtotal</b>	<b>\$ 19,046</b>	<b>\$ 19,108</b>	<b>\$ 15,158</b>	<b>\$ 5,455</b>	<b>\$ 5,950</b>	<b>\$ 64,717</b>	9
<u>Remodeling/Renovation</u>							
Previously approved projects or approval to be requested in FY 2002							
Adult Bone Marrow Transplant Unit Expansion - Phase II	\$ 5,389	\$ 7,659	\$ 4,942	\$ 249		\$ 18,239	9
Position Emission Tomography Center Expansion	80	728	900	234		1,942	9
Automated Off-Hour Utility Conservation - Phase G	213	703	501	164		1,417	9
Hospital Information Systems Office Expansion	56	510	630			1,360	9
Utility Pipe Replacement - West General Hospital	621	431				1,052	9
Center for Disabilities & Development - HVAC System Replacement - Phase B	416	433				849	9
Reconstructing South Wing Emergency Generator	99	325	231			655	9
HVAC Upgrades and Energy Conservation	260					260	9
Nursing Clinical Education Center		151	1,274	1,573	408	3,406	9
Urology Clinic Renovation and Expansion		246	1,305	1,357		2,908	9
Patient Fiscal & Registration Service Office Renovation and Expansion		129	1,082	1,337	347	2,895	9
Multiple Building Roof Replacements		75	635	784	203	1,697	9
Joint Office of Planning, Marketing and Communications Relocation		70	590	728	189	1,577	9
Treatment Room Development and Fire/Life Safety Upgrades		105	889	568		1,562	9
Former Microbiology Laboratory Redevelopment		167	509	363		1,039	9
General Hospital and Boyd Tower Chillers Replacement - Phase A		111	338	240		689	9
Center for Disabilities & Development - HVAC System Replacement - Phase C		109	381	176		666	9
Family Housing Unit Development (4-South)		93	281	200		574	10
		49	338	94		481	9

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 Entrance Lobby Development			1,575	3,042	2,677	7,294	9
Roy Carver Pavilion Inpatient Refurbishing (Multiple Phases)			1,688		1,826	3,514	9
Development of a Patient Discharge Service Center			98	894	1,104	2,096	9
Institute of Neuroscience Development			142	1,223	114	1,479	9
UIHC Utility Distribution Upgrade and Corridor Refurbishment, Third Floor			55	505	623	1,183	9
UIHC Utility Distribution Upgrade and Corridor Refurbishment, First Floor			176	579	413	1,168	9
General Hospital HVAC Upgrade - Phase B			169	556	395	1,120	9
Emergency Treatment and Level I Trauma Center Renovation			147	484	344	975	9
Colloton Pavilion Window Refurbishment			144	474	337	955	9
Automated Off-Hour Utility Conservation - Phase C			133	439	313	885	9
General Hospital HVAC Upgrade - Phase A			84	790		874	9
South Wing HVAC System Installation - Phase B			111	365	260	736	9
General Hospital and Boyd Tower Chillers Replacement - Phase B			89	393	208	690	9
General Hospital and Carver Pavilion Roof Replacement			99	325	231	655	9
UIHC Chilled Water System Infrastructure Upgrade			56	527		583	9
Window Replacements General Hospital and Adjoining Facilities - Phase IX			86	281	200	567	9
O.R. Suite Support Facilities and Cardiovascular Labs Roof Replacement			494			494	9
Development of Medical Intensive Care Step Down Unit				138	1,564	1,702	9
UIHC Exterior Building Wall Restoration and Upgrade				577	599	1,176	9
Consolidation of Pathology Administrative Offices				556	578	1,134	9
General Hospital First Floor Corridor Refurbishing				585	548	1,133	9
Second Floor Colloton and Pappajohn Pavilions Corridor Enhancement				62	703	765	9
General Hospital Elevator Replacement - Phase III				178	584	762	9
General Hospital HVAC Upgrade - Phase C				176	578	754	9
Development of Expanded Ambulatory Renal Dialysis Suite				164	543	707	9
Automated Off-Hour Utility Conservation - Phase D				139	456	595	9
Five Southeast Addition Remodeling				112	371	483	9
Center for Disabilities and Development - Window Replacement				404		404	10
Facilities Services Utilities and HVAC Upgrade				69		69	9
South Wing Lobby and Roy Carver Pavilion Link Roof Replacement					229	229	9
<u>Remodeling/Renovation Continued</u>							
						623	9

**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
General Hospital HVAC Upgrade - Phase D					183	183	9
Automated Off-Hour Utility Conservation - Phase E					183	183	9
South Wing Elevator Replacement - Phase B					139	139	9
General Hospital Steam Distribution Feeder Replacement					130	130	9
Chilled Water Piping, Conveyor and Ventilation Replacement - Phase A					125	125	9
South Wing Elevator Replacement - Phase A					116	116	9
Automated Off-Hour Utility Conservation - Phase F					51	51	9
Chilled Water Piping, Conveyor and Ventilation Replacement - Phase B					51	51	9
<b>Subtotal</b>	<b>\$ 7,134</b>	<b>\$ 12,749</b>	<b>\$ 20,318</b>	<b>\$ 22,104</b>	<b>\$ 18,546</b>	<b>\$ 80,851</b>	
<b>GRAND TOTAL</b>	<b>\$ 28,648</b>	<b>\$ 33,210</b>	<b>\$ 36,078</b>	<b>\$ 28,608</b>	<b>\$ 25,896</b>	<b>\$ 152,440</b>	

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

**TABLE 4  
OTHER-FUNDS FIVE-YEAR CAPITAL PLANS  
(\$ Thousands)**

	FY 2003	FY 2004	FY 2005	FY 2006	FY 2007	Five Year Total	Source of Funds
<u>University of Iowa</u>							
<u>Projects To Be Funded By Sources Other than Capital Appropriations, Academic Building Revenue Bonds, or UIHC Revenue</u>							
Campus Repair and Improvements	\$ 700	\$ 700	\$ 700	\$ 700	\$ 700	\$ 3,500	2,3
Deferred Maintenance	2,600	2,600	2,600	2,600	2,600	13,000	2,3
Fire Safety Projects	1,000	1,000	1,000	1,000	1,000	5,000	2,3
General Classroom / Laboratory Improvements	400	400	400	400	400	2,000	2,3
Institutional Roads Program	640	668	668	680	680	3,336	7
Multi-Tenant Building Completion - ORP	2,000					2,000	4,5
Parking System - Melrose Ramp Expansion	5,000	5,000				10,000	6
Parking System - Special Maintenance	2,000	2,000	2,000	2,000	2,000	10,000	5
Residence Services Improvements & Replacements	5,000	3,000	3,000	2,000	2,000	15,000	5,6
Residence Services Fire Safety	5,000	2,000				7,000	5,6
Residence Services New Residence Hall	2,000	10,000	13,000			25,000	6
Residence Services Renovate Slater Hall				7,000		7,000	6
Telecommunications Improvements	3,000	1,000	1,000	1,000	1,000	7,000	5,6
Utility Improvements - Fine Arts Campus	10,000					10,000	6
Utility Infrastructure Improvements	2,000	2,000	2,000	2,000	2,000	10,000	5
<b>Total - SUJ</b>	<b>\$ 41,340</b>	<b>\$ 30,368</b>	<b>\$ 26,368</b>	<b>\$ 19,380</b>	<b>\$ 12,380</b>	<b>\$ 129,836</b>	

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

In addition, the University has initiated studies which may result in a major renovation of the Iowa Memorial Union, a new recreational facility on the main campus, major renovation or replacement of Hawkeye Apartments and Museum of Art renovation.



TABLE 4  
OTHER-FUNDS FIVE-YEAR CAPITAL PLANS  
(\$ Thousands)

	FY 2003	FY 2004	FY 2005	FY 2006	FY 2007	Five Year Total	Source of Funds
<u>Iowa State University</u>							
<u>Projects To Be Funded By Sources Other than Capital Appropriations or Academic Building Revenue Bonds</u>							
Material Handling Improvements	\$ 750				\$ 2,900	\$ 3,650	6
Control System Improvements	300	\$ 300				900	6
North Campus Infrastructure-Plant Sciences Institute		1,300	1,000			2,300	6
Replace Generators 1 & 2		2,000	6,500			8,500	6
Overhaul Generator #3		350				350	6
Regulated Materials Storage	5,000					5,000	9
Advancement Center		15,000				15,000	4
Remodeling/Renovation (Building Repair)	1,350	1,800	2,250	2,700	3,150	11,250	2
Remodeling/Renovation (Contracts & Grants)	800	800	800	800	800	4,000	4
Remodeling/Renovation (ISU Center)	1,750	1,750				3,500	6
Institutional Roads	640	668	680	680	680	3,348	7
Telecommunications	4,202	3,449	3,079	2,000	1,952	14,682	6
Residence System - New Construction							
Union Drive Suite 2		17,558				17,558	6
Union Drive Suite 3			22,474			22,474	6
Residence System - Renovations & Removal							
Knapp Hall Demolition	1,250					1,250	6
Buchanan, Schilleter & University Village Renovation	2,461	1,500				3,961	6
Storms Hall Demolition		1,500				1,500	6
Westgate Hall Demolition	683		135			818	6
South Heiser Hall Demolition			468			468	6
Future Renovations and Repairs		6,400	6,400	6,400	6,400	25,600	6
<b>Total - ISU</b>	<b>\$ 19,186</b>	<b>\$ 54,375</b>	<b>\$ 44,086</b>	<b>\$ 12,580</b>	<b>\$ 15,882</b>	<b>\$ 146,109</b>	

Source of Funds Table:

- 1 State Appropriation or Bonding Authorization
- 2 Building Renewal 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 Iowa DOT (Road Use Tax Funds)
- 8 Student Health Fee
- 9 Overhead Use Allowance

TABLE 4  
OTHER-FUNDS FIVE-YEAR CAPITAL PLANS  
(\$ Thousands)

	FY 2003	FY 2004	FY 2005	FY 2006	FY 2007	Five Year Total	Source of Funds
<b>University of Northern Iowa</b>							
<b>Projects To Be Funded By Sources Other than</b>							
<b>Capital Appropriations or Academic Building Revenue Bonds</b>							
Institutional Roads	\$ 320	\$ 334	\$ 340	\$ 340	\$ 340	\$ 1,674	7
Residence System							
Campbell Hall Window Replacement	600					600	6
Shull Hall Window Replacement	400					400	6
Regents Complex Tuckpointing	420	475	475	600		1,970	6
Bartlett, Campbell, Lawther Hall Electrical Improvements	700					1,400	6
Regents Complex HVAC Improvements		3,000				3,000	6
Regents Complex Electrical Upgrade		300				300	6
Deferred Maintenance / Fire Safety		400	875			1,275	6
Noehren Hall Window Replacement	800					800	6
Towers Dining Renovation	8,500					8,500	6
Commons Dining Renovation		300		5,700		5,700	6
Other				550		1,150	6
Mauker Union Improvements	50	50	50	50	50	250	9
Parking System							
UNI-Dome North Parking Lot Reconstruction	400					400	10
South Art Parking Lot		400				400	10
Other			400	400	400	1,200	10
Building Repair	2,000	2,000	2,000	2,000	2,000	10,000	2
<b>Total - UNI</b>	<b>\$ 14,190</b>	<b>\$ 7,959</b>	<b>\$ 4,440</b>	<b>\$ 9,640</b>	<b>\$ 2,790</b>	<b>\$ 39,019</b>	

Source of Funds Table:

- 1 Capital Appropriation or Bonding Authorization
- 2 Building Renewal 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 Student Health Fee
- 9 Mauker Union Funds
- 10 Parking Fees and Fines

TABLE 4  
OTHER-FUNDS FIVE-YEAR CAPITAL PLANS  
(\$ Thousands)

	FY 2003	FY 2004	FY 2005	FY 2006	FY 2007	Five Year Total	Source of Funds
<b><u>Iowa School for the Deaf</u></b>							
Parking Lot Reconstruction & Tuckpointing	\$ 200					\$ 200	2
Interior Finishes & Tuckpointing		\$ 200				200	2
Dormitory Renovation			\$ 200			200	2
Academic Building Renovation				\$ 200		200	2
Academic Building Windows Replacement					\$ 200	200	2
<b>Total - ISD</b>	<b>\$ 200</b>	<b>\$ 200</b>	<b>\$ 200</b>	<b>\$ 200</b>	<b>\$ 200</b>	<b>\$ 1,000</b>	
<b><u>Iowa Braille and Sight Saving School</u></b>							
Deferred Maintenance	\$ 40	\$ 40		\$ 40	\$ 40	\$ 200	
<b>Total - IBSSS</b>	<b>\$ 40</b>	<b>\$ 40</b>		<b>\$ 40</b>	<b>\$ 40</b>	<b>\$ 200</b>	2
<b><u>Iowa Lakeside Laboratory</u></b>							
Cottage Renovations	\$ 16	\$ 17	\$ 18	\$ 19	\$ 20	\$ 90	6
<b>Total - Lakeside Laboratory</b>	<b>\$ 16</b>	<b>\$ 17</b>	<b>\$ 18</b>	<b>\$ 19</b>	<b>\$ 20</b>	<b>\$ 90</b>	
<b>GRAND TOTAL</b>	<b>\$ 74,972</b>	<b>\$ 92,959</b>	<b>\$ 75,152</b>	<b>\$ 41,859</b>	<b>\$ 31,312</b>	<b>\$ 316,254</b>	

Source of Funds Table:

- 1 State Appropriation or Bonding Authorization
- 2 Building Renewal 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 Iowa DOT (Road Use Tax Funds)
- 8 Student Health Fee
- 9 Projects funded directly from housing revenues