

MEMORANDUM

To: Board of Regents
From: Board Office
Subject: Preliminary Five-Year Capital Improvement Plans,
FY 2002 - FY 2006
Date: July 7, 2000

Recommended Actions:

1. Consider the Board Office preliminary recommendation of \$293,435,000 for the Five-Year State-Funded Capital Program for FY 2002 - FY 2006 (Table 1);
2. Consider the Five-Year Program (FY 2002 – FY 2006) of \$62,787,000 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 2002 – FY 2006 capital plans of \$370,557,000 for the universities, special schools and Lakeside Laboratory (Table 4) to be funded by sources other than capital appropriations (or Academic Building Revenue Bonds) or hospital funds.

Executive Summary:

Three five-year capital plans for the period FY 2002 - FY 2006 are included in this docket memorandum:

- a) Five-year capital program to be funded by capital appropriations or Academic Building Revenue Bonds;
- 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 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 2002 - FY 2006) totaling \$937,067,000. Of this amount, the universities and special schools requested funding from the state in the amount of \$469,950,000, which would be combined with \$32,773,000 in private funds for the projects. The Board Office preliminary recommendation for the Five-Year Capital Priority Plan to be funded by capital appropriations or Academic Building Revenue Bonds is \$293,435,000, with \$17,204,000 in private funds. Last year, the institutions requested funding of \$469,213,000 and the Board recommended a Five-Year Plan for state funds (FY 2001 – FY 2005) of \$320,945,000.

The University of Iowa Hospitals and Clinics Five-Year Capital Program (FY 2002 - FY 2006) will be financed by patient-generated funding. Projects totaling \$62.8 million are included in the program. Projects totaling almost \$49 million have been included in University of Iowa Hospitals and Clinics five-year capital programs previously submitted to the Board. Not listed previously is the completion of shell space on the fourth level of the Pomerantz Family Pavilion for Department of Dermatology ambulatory care facilities (\$5.4 million). Other new projects include heating, ventilating and air conditioning, and utility upgrades and refurbishment of corridors. All projects listed on the five-year plan 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 \$370.6 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 2002 - FY 2006

The Board Office preliminary recommendation is for a five-year capital improvement program of \$293,435,000 (Table 1) funded by capital appropriations or Academic Building Revenue Bonds. In addition, private funds totaling \$17,204,000 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 2002 – FY 2006 Plan are summarized below:

<u>Institution</u>	<u>Total Request (\$ thousands)</u>	<u>Total Recommendation (\$ thousands)</u>
SUI	\$182,224	\$108,694
ISU	143,350	109,150
UNI	138,000	72,980
ISD	3,920	1,035
IBSSS	1,740	860
Regents/Lakeside Lab	<u>716</u>	<u>716</u>
Total	\$469,950	\$293,435

The recommendations, which are based upon the same criteria as outlined in the FY 2002 Capital Budget Request (see G.D. 11), are generally consistent with the FY 2001 – FY 2005 Capital Priority Plan approved by the Board in September 1999.

- One exception is the substitution by the University of Northern Iowa, in its priority ranking, of the Steam Distribution System Replacement, Phase 2 project for the Sabin Hall Renovation. Funding for the second phase of the Distribution System is included in FY 2006. Due to the critical need to replace the Distribution System, this adjustment has been made.
- The Board Office preliminary recommendation for the Price Lab School Renovation is 4% higher than the amount included in the Board approved FY 2001 – FY 2005 Capital Plan. The University's request is \$21.5 million. The Board Office is unable, at this time, to support a renovation project of the magnitude proposed by the University.
- The costs of some projects included in the proposed FY 2002 – FY 2006 Plan have increased above a 4% inflationary factor. These include:
 - University of Iowa – Oakdale Laboratory Renovations project includes an increase from \$6,000,000 to \$7,280,000 (+21%). In addition to the inflationary adjustment, the project budget has been increased to respond to increasing needs for flexible research space. This project is listed in FY 2004 of the proposed Five-Year Plan (FY 2002 – FY 2006).
 - University of Northern Iowa - Innovative Teaching Center (formerly known as the East Gym Renovation). The University has re-examined the scope of this project, which would now create high technology classrooms and learning centers in addition to housing educational technology support personnel. (The prior request would have renovated

the facility to create medium-sized general classrooms.) The high technology use requires additional infrastructure and the University has increased its total request for the project from \$11.3 million to \$17.4 million (+54%). The Board Office preliminary recommendation totals \$15.3 million, including \$1.3 million for planning in FY 2002 and \$14.0 million for construction in FY 2003. The Board Office will examine this request further and consult with the University prior to the September Board meeting.

- University of Northern Iowa – Science Buildings Renovation (formerly known as McCollum, Physics, Greenhouse Buildings Renovation). According to the University, the project name was changed to indicate better the integral nature of the multi-building renovation project. The total costs were increased from \$11.1 million to \$13.0 million (+17%) to reflect better the increased costs for the renovation of science facilities.

The first year of the FY 2002 – FY 2006 Capital Plan becomes the Board's FY 2002 capital budget request (See G.D. 11.)

The projects, priorities and dollar amounts recommended for all years of the Plan will be reviewed and discussed with the institutions prior to the September Board meeting.

Table 2 (pages 8 to 11) 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 2002 - FY 2006 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 2002 – FY 2006

The Board Office preliminary recommendation includes the University of Iowa Hospitals and Clinics five-year requested plan of \$62,787,000 (Table 3) to be financed with patient-generated revenues.

The projects can be summarized by type as follows:

	<u>(\$ Thousands)</u>
New Construction (completion of shell space)	\$25,968
Remodeling/Renovation	<u>36,819</u>
Total	\$62,787

The capital program includes four new construction projects, which will finish shell space in the Pomerantz Family Pavilion:

- Development of Replacement Ambulatory Clinic Facilities for Obstetrics & Gynecology Patients - \$11.4 million;
- Development of Replacement Ambulatory Clinic Facilities for Dermatology Patients - \$5.4 million;
- Development of Geriatric and Other Internal Medicine Clinics - \$6.9 million; and
- Development of Hospital Support Facilities - \$2.3 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 plan, by fiscal year, is as follows:

(\$ thousands)					
<u>FY 2002</u>	<u>FY 2003</u>	<u>FY 2004</u>	<u>FY 2005</u>	<u>FY 2006</u>	<u>Total</u>
\$12,018	\$19,813	\$15,227	\$10,298	\$5,431	\$62,787

All projects listed 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 2002 – FY 2006

Table 4 provides a summary of institutional major building needs to be funded by sources other than state capital funds or UIHC funds.

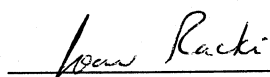
Other fund sources include: operating budget building renewal funds, income from treasurer's temporary investments, auxiliary service or enterprise bond funds (utility, telecommunications and residential systems), Iowa Department of Transportation institutional roads program, gifts and grants, and departmental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

Amounts of other funds by institution and fiscal year are summarized below:


(\$ thousands)

	<u>FY 2002</u>	<u>FY 2003</u>	<u>FY 2004</u>	<u>FY 2005</u>	<u>FY 2006</u>	<u>Total</u>
SUI	\$62,790	\$20,540	\$18,868	\$16,295	\$14,880	\$133,373
ISU	50,942	53,937	43,116	20,548	15,882	184,425
UNI	4,960	21,415	12,109	9,565	3,440	51,489
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>70</u>
Total	\$118,932	\$96,148	\$74,350	\$46,666	\$34,461	\$370,557

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 2002 THROUGH 2006
(\$ Thousands)

Inst.	Project	FY 2002		FY 2003		FY 2004		FY 2005		FY 2006		TOTAL STATE REQUEST	OTHER FUNDS	TOTAL
		Priority	Amount	Priority	Amount	Priority	Amount	Priority	Amount	Priority	Amount			
New Construction, Renovation, and Utilities														
ISU	College of Business Building	(1)	\$ 10,900									\$ 10,900	\$ 11,500	\$ 22,400
SUI	Lakeside Laboratory Improvements	(2)	239	(5)	\$ 135			(7)	\$ 114	(5)	\$ 114	716		716
SUI	Art Building, Phases I and II	(3)	16,016	(1)	3,120	(3)	6,968					26,104	2,704	28,808
UNI	Steam Distribution System Replacement, Ph. I	(4)	12,700									12,700		12,700
ISU	LeBaron Hall - Swine and Cattle Research	(5)	4,900									4,900		4,900
ISU	LeBaron Hall - Systems Upgrade	(6)	1,700									1,700		1,700
ISU	General Classrooms and Auditoriums	(7)	3,000	(2)	3,000	(1)	3,000	(5)	3,000			12,000		12,000
UNI	Innovative Teaching Center (East Gym Renovation)	(8)	1,300	(3)	14,000							15,300		15,300
SUI	Classroom Building / Journalism	(9)	1,200	(4)	11,660							12,860	3,000	15,860
ISU	Residence System - Academic Program Space			(6)	4,000							6,250		6,250
UNI	Price Laboratory School Renovation			(7)	1,000	(2)	2,250	(6)	7,480			12,480		12,480
ISU	Coover Hall (Electrical Engineering)			(8)	14,100	(4)	4,000					14,100		14,100
SUI	Chemistry Building - East Wing Renovation			(9)	7,488	(6)	7,672					15,160		15,160
ISU	Agricultural and Biosystems Engineering			(10)	1,000	(7)	12,500	(2)	6,800			20,300		20,300
UNI	Electrical Distribution Loop System / Load Break					(8)	6,500					6,500		6,500
SUI	Oakdale Laboratory Renovation					(9)	7,280					7,280		7,280
ISU	Morrill Hall Deferred Maintenance & Remodeling			(11)	500	(11)	3,800	(8)	4,000			8,300		8,300
ISU	Gilman Hall - Phase IV					(10)	500	(4)	5,700	(1)	6,700	12,900		12,900
SUI	Seashore Hall Remodeling					(12)	2,200	(1)	14,900	(3)	12,910	30,010		30,010
UNI	Science Buildings Renovation					(13)	1,000	(3)	6,100	(2)	5,900	13,000		13,000
UNI	Steam Distribution System Replacement, Phase II									(6)	8,000	8,000		8,000
SUI	Macbride Hall - Remodeling and Renewal									(4)	6,300	7,280		7,280
ISU	Family and Consumer Sciences - Phase 1											7,800		7,800
	Subtotal		\$ 51,955		\$ 60,003		\$ 57,784		\$ 56,874		\$ 39,924	\$ 266,540	\$ 17,204	\$ 283,744
Fire Safety and Deferred Maintenance														
SUI, ISU	Fire and Environmental Safety		\$ 2,000		\$ 2,000		\$ 2,000		\$ 2,000		\$ 2,000	\$ 10,000		\$ 10,000
Regents	General Deferred Maintenance		3,635		3,250		3,270		3,270		3,270	16,895		16,895
	Subtotal		\$ 5,635		\$ 5,250		\$ 5,270		\$ 5,270		\$ 5,270	\$ 26,895	\$ -	\$ 26,895
	TOTAL		\$ 57,790		\$ 65,253		\$ 63,054		\$ 62,144		\$ 45,194	\$ 293,435	\$ 17,204	\$ 310,639

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

	FY 2002		FY 2003		FY 2004		FY 2005		FY 2006		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												
Art Building - Phases I & II	\$ 16,016	\$ 16,016	\$ 3,120	\$ 3,120	\$ 6,968	\$ 6,968					\$ 26,104	\$ 26,104
Classroom Building / Journalism	12,860	1,200	11,660								12,860	12,860
Chemistry Building - East Wing Renovation			8,970	7,488	6,190	7,672					15,160	15,160
Oakdale Laboratory Renovations			7,280		14,900	2,200	\$ 15,110	\$ 14,900			7,280	7,280
Seashore Hall Remodeling							16,000		\$ 12,910		30,010	30,010
Med. Education & Biomed. Research Fac. - Bldg. C*							7,280	7,280			16,000	0
Machride Hall - Remodeling and Renewal											7,280	7,280
University Services Building - Phase II*							1,000				15,860	0
Steam Distribution Infrastructure*	1,000		1,000		1,000		1,000			1,000	5,000	0
Power Plant - East Egress Steam Tunnel*	1,730		1,270								1,730	0
Power Plant - Second Ash Silo*											1,270	0
Construct East Campus Chilled Water Plant*											16,070	0
15 KV East Campus Loop K*					900						900	0
Chilled Water Plant - Replace Absorption Chiller*					670						670	0
Arts Campus - Upgrade Storm Sewers - Phase 2*											1,030	0
Subtotal	\$ 31,606	\$ 17,216	\$ 21,640	\$ 22,268	\$ 30,628	\$ 24,120	\$ 40,420	\$ 22,180	\$ 32,930	\$ 12,910	\$ 157,224	\$ 98,694
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	1,000	4,000	1,000	4,000	1,000	4,000	1,000	4,000	1,000	20,000	5,000
Subtotal	\$ 5,000	\$ 2,000	\$ 5,000	\$ 2,000	\$ 5,000	\$ 2,000	\$ 5,000	\$ 2,000	\$ 5,000	\$ 2,000	\$ 25,000	\$ 10,000
TOTAL	\$ 36,606	\$ 19,216	\$ 26,640	\$ 24,268	\$ 35,628	\$ 26,120	\$ 45,420	\$ 24,180	\$ 37,930	\$ 14,910	\$ 182,224	\$ 108,694

* Projects not included in the Board Office preliminary recommendations.

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

	FY 2002		FY 2003		FY 2004		FY 2005		FY 2006		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												
College of Business Building	\$ 10,900	\$ 10,900									\$ 10,900	\$ 10,900
Livestock Units for Swine and Cattle Research	4,900	4,900									4,900	4,900
LeBaron Hall - Systems Upgrade	1,700	1,700									1,700	1,700
General Classrooms and Auditoriums	6,000	3,000	\$ 3,000	\$ 3,000	\$ 3,000	\$ 3,000	\$	\$ 3,000			12,000	12,000
Residence System - Academic Program Space	4,000		2,250	4,000	2,250	2,250					6,250	6,250
Coover Hall (Electrical Engineering)			14,100	14,100							14,100	14,100
Morrill Hall Deferred Maintenance and Remodeling			8,300	500	3,800	3,800		4,000			8,300	8,300
Agricultural and Biosystems Engineering			1,000	1,000	19,300	12,500		6,800			20,300	20,300
Gilman Hall - Phase IV					500	500		5,700		\$ 6,700	12,900	12,900
Family and Consumer Sciences - Phase 1					500	500		1,500		\$ 6,300	15,000	7,800
Veterinary Medicine Hospital*											7,200	0
Snedecor Hall Addition and Remodeling*											4,800	0
Subtotal	\$ 27,500	\$ 20,500	\$ 28,650	\$ 22,600	\$ 23,300	\$ 22,050	\$ 26,900	\$ 21,000	\$ 12,000	\$ 13,000	\$ 118,350	\$ 99,150
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	1,000	3,000	1,000	3,000	1,000	3,000	1,000	3,000	1,000	15,000	5,000
Subtotal	\$ 5,000	\$ 2,000	\$ 5,000	\$ 2,000	\$ 5,000	\$ 2,000	\$ 5,000	\$ 2,000	\$ 5,000	\$ 2,000	\$ 25,000	\$ 10,000
TOTAL	\$ 32,500	\$ 22,500	\$ 33,650	\$ 24,600	\$ 28,300	\$ 24,050	\$ 31,900	\$ 23,000	\$ 17,000	\$ 15,000	\$ 143,350	\$ 109,150

* Projects not included in the Board Office preliminary recommendations.

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

	FY 2002		FY 2003		FY 2004		FY 2005		FY 2006		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												
Steam Distribution System Replacement, Phase I	\$ 12,700	\$ 12,700	\$ 15,700	\$ 14,000	\$ 6,500	\$ 4,000	\$ 8,000	\$ 7,480			\$ 12,700	\$ 12,700
Innovative Teaching Center	1,700	1,300	6,500	1,000		6,500					17,400	15,300
Price Lab School Renovation	8,500		6,500								21,500	12,480
Electrical Distribution Loop System / Load Break Switches					13,000	1,000		6,100			6,500	6,500
Science Buildings Renovation									\$ 5,900		13,000	13,000
Steam Distribution System Replacement, Phase II									8,000		8,000	8,000
Sabin Hall Renovation*											8,700	0
Industrial Technology Center Addition*											9,600	0
Baker Hall Renovation*											9,200	0
Commons Renovation*											3,000	0
Russell Hall Renovation											7,100	0
Art II Renovation*											2,300	0
Subtotal	\$ 22,900	\$ 14,000	\$ 28,700	\$ 15,000	\$ 19,500	\$ 11,500	\$ 26,300	\$ 13,580	\$ 21,600	\$ 13,900	\$ 119,000	\$ 67,980
Building Deferred Maintenance	\$ 5,000	\$ 1,000	\$ 5,000	\$ 1,000	\$ 3,000	\$ 1,000	\$ 3,000	\$ 1,000	\$ 3,000	\$ 1,000	\$ 19,000	\$ 5,000
Subtotal	\$ 5,000	\$ 1,000	\$ 5,000	\$ 1,000	\$ 3,000	\$ 1,000	\$ 3,000	\$ 1,000	\$ 3,000	\$ 1,000	\$ 19,000	\$ 5,000
TOTAL	\$ 27,900	\$ 15,000	\$ 33,700	\$ 16,000	\$ 22,500	\$ 12,500	\$ 29,300	\$ 14,580	\$ 24,600	\$ 14,900	\$ 138,000	\$ 72,980

* Projects not included in the Board Office preliminary recommendations.

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

	FY 2002		FY 2003		FY 2004		FY 2005		FY 2006		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						750	250
Tuckpointing and Waterproofing	185	185	185						150		370	185
General Deferred Maintenance												600
Old Primary Demolition*	400										400	0
Underground Storage Tanks*	150										150	0
Fire Sprinkler Systems			250									0
Air Conditioning - Boys Residence & Giangreco Hall*			500		250							0
Outdoor Learning Center & Barn Restoration*			200									0
Girls Residence Elevator*												0
Vehicle Maintenance / Storage Center*							250				250	0
Long Hall Penthouse Elevator*							150				150	0
Total	\$ 985	\$ 435	\$ 1,185	\$ 150	\$ 1,200	\$ 150	\$ 400	\$ 150	\$ 150	\$ 150	\$ 3,920	\$ 1,035

	FY 2002		FY 2003		FY 2004		FY 2005		FY 2006		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												
HVAC Upgrade	400	400	450		200		120				850	400
General Deferred Maintenance	100		100				120				640	460
Fire Alarm System Upgrade / Replace*												0
Total	\$ 500	\$ 400	\$ 550	\$ 100	\$ 200	\$ 120	\$ 245	\$ 120	\$ 245	\$ 120	\$ 1,740	\$ 860
REGENTS												
Lakeside Laboratory Improvements												
GRAND TOTAL	\$ 98,730	\$ 57,790	\$ 95,860	\$ 65,253	\$ 87,942	\$ 63,054	\$ 107,379	\$ 62,144	\$ 80,039	\$ 45,194	\$ 469,950	\$ 293,435

* Projects not included in the Board Office preliminary recommendations.

TABLE 3
UNIVERSITY OF IOWA HOSPITALS AND CLINICS
FY 2002 - FY 2006
FIVE-YEAR CAPITAL PROGRAM SUMMARY
(All Projects Contingent Upon Availability of Self-Generated UIHC Funding)
(\$ Thousands)

Project	FY 2002	FY 2003	FY 2004	FY 2005	FY 2006	Total Project	Source of Funds
<u>New Construction</u>							
Develop Ambulatory Clinic, Obstetrics & Gynecology, 3rd Level, Pomerantz Family Pav.	\$ 4,976	\$ 5,249	\$ 1,136			\$ 11,361	Univ. Hospital Bldg. Usage
Develop Ambulatory Clinic, Dermatology, 4th Level, Pomerantz Family Pavilion	3,498	1,614	269			5,381	Univ. Hospital Bldg. Usage
Develop Geriatric, Other Internal Medicine Clinics, 4th Level, Pomerantz Family Pavilion		4,503	2,078	\$ 346		6,927	Univ. Hospital Bldg. Usage
Develop Hospital Support Facilities, 5th Level, Pomerantz Family Pavilion		805	1,264	230		2,299	Univ. Hospital Bldg. Usage
Subtotal	\$ 8,474	\$ 12,171	\$ 4,747	\$ 576		\$ 25,968	
<u>Remodeling/Renovation</u>							
Carver, Colleton, Pappajohn - 2nd Floor Utility Dist. Upgrade, Corridor Refurbish	\$ 404	\$ 605	\$ 201			\$ 1,210	Univ. Hospital Bldg. Usage
Boyd Tower, Colleton, Pappajohn - 1st Floor Utility Dist. Upgrade, Corridor Refurbish	400	590				990	Univ. Hospital Bldg. Usage
Chilled Water Piping, Conveyor and Ventilation Replacement - Phase B	375	575				950	Univ. Hospital Bldg. Usage
Automated Off-Hour Utility Conservation - Phase D	750					750	Univ. Hospital Bldg. Usage
General Hospital Steam Distribution Feeder Replacement	300	375				675	Univ. Hospital Bldg. Usage
Southwing HVAC System Installation - Phase A	500	125				625	Univ. Hospital Bldg. Usage
Boyd Tower and General Hospital Chillers Replacement - Phase B	315	185				500	Univ. Hospital Bldg. Usage
UIHC Chilled Water System Infrastructure Upgrade	500					500	Univ. Hospital Bldg. Usage
Redevelop Level 4 - Gen. Hos. on Completion of Replace. Perinatal & Obstetrical Units		1,167	1,750	\$ 973		3,890	Univ. Hospital Bldg. Usage
Redevelop Level 6 - General Hospital for Clinical Laboratory & Support Functions		1,012	1,238			2,250	Univ. Hospital Bldg. Usage
General Hospital First Floor Corridor Refurbishing		550	400			950	Univ. Hospital Bldg. Usage
General Hospital HVAC Upgrade - Phase C		535	415			950	Univ. Hospital Bldg. Usage
Americans with Disabilities Act Compliance - Phase A		450	400			850	Univ. Hospital Bldg. Usage
Southwing HVAC System Installation - Phase B		225	400			625	Univ. Hospital Bldg. Usage
Five Southeast Addition Remodeling		410	200			610	Univ. Hospital Bldg. Usage
Southwing Elevator Replacement - Phase A		438	162			600	Univ. Hospital Bldg. Usage
University Hospital School HVAC System Replacement - Phase C		400	100			500	Univ. Hos. Sch. Bldg. Usage
Develop Medical Intensive Care Step Down Unit			807	1,747	135	2,689	Univ. Hospital Bldg. Usage
Develop Patient Discharge Service Center			496	1,092	397	1,985	Univ. Hospital Bldg. Usage

TABLE 3
UNIVERSITY OF IOWA HOSPITALS AND CLINICS
FY 2002 - FY 2006
FIVE-YEAR CAPITAL PROGRAM SUMMARY
(All Projects Contingent Upon Availability of Self-Generated UIHC Funding)
(\$ Thousands)

Project	FY 2002	FY 2003	FY 2004	FY 2005	FY 2006	Total Project	Source of Funds
<u>Remodeling/Renovation (continued)</u>							
Boyd Tower, Gen. Hos., Carver - 3rd Floor Utility Dist. Upgrade & Corridor Refurbish		350		600	171	1,121	Univ. Hospital Bldg. Usage
Automated Off-Hour Utility Conservation - Phase E		650		300		950	Univ. Hospital Bldg. Usage
General Hospital HVAC Upgrade - Phase D		535		415		950	Univ. Hospital Bldg. Usage
Volunteer Program Adult Patient Self-Care and Family Housing Unit Expansion		640		300		940	Univ. Hospital Bldg. Usage
Renovate First Floor Boyd Tower - Expanded Ambulatory Renal Dialysis Suite		312		446	133	891	Univ. Hospital Bldg. Usage
Emergency Treatment & Level 1 Trauma Center Renovation		704		124		828	Univ. Hospital Bldg. Usage
Southwing Elevator Replacement - Phase B		720				720	Univ. Hospital Bldg. Usage
Short Stay Recovery / Observation Unit				1,175	700	1,875	Univ. Hospital Bldg. Usage
Automated Off-Hour Utility Conservation - Phase F				325	900	1,225	Univ. Hospital Bldg. Usage
General Hospital Elevator Replacement - Phase III				960		960	Univ. Hospital Bldg. Usage
General Hospital HVAC Upgrade - Phase E				535	415	950	Univ. Hospital Bldg. Usage
Americans with Disabilities Act Compliance - Phase B				450	400	850	Univ. Hospital Bldg. Usage
Pappajohn Pavilion Window Refurbishment				280	280	560	Univ. Hospital Bldg. Usage
General Hospital HVAC Upgrade - Phase F				950	950	950	Univ. Hospital Bldg. Usage
Automated Off-Hour Utility Conservation - Phase G					950	950	Univ. Hospital Bldg. Usage
Subtotal	\$ 3,544	\$ 7,642	\$ 10,480	\$ 9,722	\$ 5,431	\$ 36,819	
GRAND TOTAL	\$ 12,018	\$ 19,813	\$ 15,227	\$ 10,298	\$ 5,431	\$ 62,787	

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 2002 - FY 2006 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.

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

	FY 2002	FY 2003	FY 2004	FY 2005	FY 2006	Five Year Total	Source of Funds
University of Iowa							
Projects To Be Funded By Sources Other than Capital Appropriations, Academic Building Revenue Bonds, or UHIC Revenue							
Campus Repair and Improvements	\$ 450	\$ 700	\$ 700	\$ 700	\$ 700	\$ 3,250	2,3
Deferred Maintenance	2,600	2,700	2,700	2,700	2,700	13,400	2,3
Fire Safety Projects	1,000	1,400	1,400	1,400	1,400	6,600	2,3
General Classroom / Laboratory Improvements	100	400	400	400	400	1,700	2,3
Institutional Roads Program	640	640	668	680	680	3,308	7
Medical Education & Biomedical Research Facility - Bldg. B	36,000					36,000	6
Museum of Art - Phases I and II		700	3,000	1,415		5,115	3,4
Parking Improvements	2,000	2,000	2,000	2,000	2,000	10,000	5
Residence Services Improvements & Replacements	8,000	5,000	3,000	2,000	2,000	20,000	5,6
Residence Services Fire Safety	5,000	2,000	2,000	2,000	2,000	13,000	6
Telecommunications Improvements	5,000	3,000	1,000	1,000	1,000	11,000	5,6
Utility Infrastructure Improvements	2,000	2,000	2,000	2,000	2,000	10,000	5
Total - SUJ	\$ 62,790	\$ 20,540	\$ 18,868	\$ 16,295	\$ 14,880	\$ 133,373	

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 University Hospitals Building Usage Fund
- 9 Overhead Use Allowance

The University has also initiated studies which will likely result in a major renovation of the Iowa Memorial Union, a new recreational facility on the main campus, major renovation or replacement of the Hawkeye Apartments and a new residence hall.

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

	FY 2002	FY 2003	FY 2004	FY 2005	FY 2006	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	\$ 2,000				\$ 2,900	\$ 4,900	5
North Campus Infrastructure - Chilled Water Plant	700	\$ 1,000				1,700	5
Control System Improvements	300	300	\$ 300			900	5
Overhaul Generator #5	350					350	5
North Campus Chilled Water Plant		2,240	3,360			5,600	5
North Campus Infrastructure - Plant Sciences Institute			1,300	\$ 1,000		2,300	5
Replace Generators 1 & 2			2,000	6,500		8,500	5
Overhaul Generator #3			350			350	5
VMRI/Regulated Materials Storage	3,225					3,225	9
Alumni / Achievement 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	5
Institutional Roads	640	640	668	680	680	3,308	7
Telecommunications	4,202	3,449	3,079	2,000	1,952	14,682	5
Residence System - New Construction	14,918					14,918	6
Union Drive Community Center	16,657					16,657	6
Union Drive Suite 1						17,558	6
Union Drive Suite 2		17,558				17,558	6
Union Drive Suite 3			22,474			22,474	6
Residence System - Renovations & Removal						339	5
North Helsler Demolition	339					1,250	5
Knapp Hall Demolition	1,250					3,961	5
Buchanan, Schilleter & University Village Renovation	2,461	1,500				1,500	5
Storms Hall Demolition		1,500				135	5
Westgate Hall Demolition			135			468	5
South Helsler Hall Demolition				468		25,600	5
Future Renovations and Repairs		6,400	6,400	6,400	6,400	25,600	5
Total - ISU	\$ 50,942	\$ 53,937	\$ 43,116	\$ 20,548	\$ 15,862	\$ 184,425	

Source of Funds Table:
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 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 University Hospitals Building Usage Fund
 9 Overhead Use Allowance

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

	FY 2002	FY 2003	FY 2004	FY 2005	FY 2006	Five Year Total	Source of Funds
University of Northern Iowa							
Projects To Be Funded By Sources Other than Capital Appropriations or Academic Building Revenue Bonds							
Institutional Roads	\$ 320	\$ 320	\$ 334	\$ 340	\$ 340	\$ 1,654	7
Residence System							
Campbell Hall Window Replacement		600				600	6
Bender Hall Fire Alarm System	240					240	6
Shull Hall Window Replacement		400				400	6
Regents Complex Tuckpointing		420	475	475	600	1,970	6
Bartlett, Campbell, Lawther Hall Electrical Improvements	500	700				1,900	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			7,000			7,000	6
Commons Dining Renovation				5,700		5,700	6
Other		300	300	550		1,150	6
Maucker Union							
Expansion & Renovation / Center for Multicultural Ed.	1,000	12,000				13,000	5
Other	50	50	50	50	50	250	6
Parking System							
UNI-Dome North Parking Lot Reconstruction	400					400	5
South Art Parking Lot		400				400	5
Other			400	400	400	1,200	5
Building Repair							
UNI-Dome North Parking Lot Reconstruction	2,050	2,050	2,050	2,050	2,050	10,250	2
South Art Parking Lot	4,960	21,415	12,109	9,565	3,440	51,489	
Total - UNI							

Source of Funds Table:

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

	FY 2002	FY 2003	FY 2004	FY 2005	FY 2006	Five Year Total	Source of Funds
<u>Iowa School for the Deaf</u>							
Power Plant & Old Infirmary Roofs	\$ 200					\$ 200	2
Parking Lot Reconstruction & Tuckpointing		\$ 200				200	2
Interior Finishes and Tuckpointing			\$ 200			200	2
Dormitory Renovation				\$ 200		200	2
Academic Building Renovation					\$ 200	200	2
Total - ISD	\$ 200	\$ 200	\$ 200	\$ 200	\$ 200	\$ 1,000	
<u>Iowa Braille and Sight Saving School</u>							
Deferred Maintenance	\$ 40	\$ 40	\$ 40	\$ 40	\$ 40	\$ 200	2
Total - IBSSS	\$ 40	\$ 40	\$ 40	\$ 40	\$ 40	\$ 200	
<u>Iowa Lakeside Laboratory</u>							
Housing Renovation		\$ 16	\$ 17	\$ 18	\$ 19	70	5
Total - Lakeside Laboratory	\$ -	\$ 16	\$ 17	\$ 18	\$ 19	\$ 70	
GRAND TOTAL	\$ 118,932	\$ 96,148	\$ 74,350	\$ 46,666	\$ 34,461	\$ 370,557	

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
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