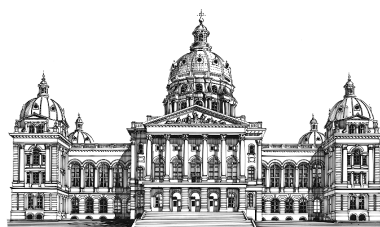


# Iowa Legislative Fiscal Bureau

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State Capitol  
Des Moines, IA 50319  
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## Review of Regents Infrastructure Projects

### ISSUE

This *Issue Review* examines the current status of the Board of Regents' capital projects funded through the Rebuild Iowa Infrastructure Fund.

### AFFECTED AGENCIES

Board of Regents

### BACKGROUND

The Board of Regents have received appropriations from the Rebuild Iowa Infrastructure Fund totaling \$148.8 million since FY 1996 (the year the Infrastructure Fund was established). The majority of the Board's appropriations were made during the 1996 and 1997 Legislative Sessions. The General Assembly appropriated a total of \$66.1 million in HF 2421 (FY 1997 Transportation and Capitals Appropriations Act) and \$70.1 million in HF 733 (FY 1998 Infrastructure Appropriations Act) for construction and renovation projects at the Regents institutions. The appropriations included in these two appropriation acts were spread over several years as a means of cash flowing the expenditures for the planned projects. The following table shows the annual appropriations enacted by legislative act.

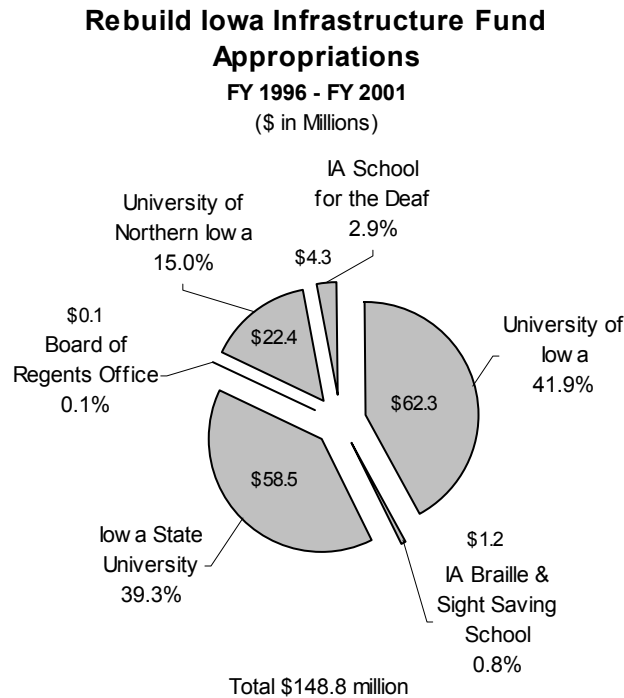
**BOARD OF REGENTS**  
**Rebuild Iowa Infrastructure Fund Appropriations**  
**by Appropriations Act**

	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001	Total
SF 481 (FY 1996 Trans. & Capitals Approp. Act)	\$ 7,391,000	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 7,391,000
HF 2421 (FY 1997 Trans. & Capitals Approp. Act)	0	51,000,000	8,340,000	6,800,000	0	0	66,140,000
HF 733 (FY 1998 Infrastructure Approps Act)	0	0	19,500,000	19,500,000	19,500,000	11,915,000	70,415,000
SF 2381 (FY 1999 Infrastructure Approps Act)	0	0	0	335,000	0	0	335,000
HF 772 (FY 2000 Infrastructure Approps Act)	0	0	0	0	4,485,000	0	4,485,000
<b>TOTAL</b>	<b>\$ 7,391,000</b>	<b>\$ 51,000,000</b>	<b>\$ 27,840,000</b>	<b>\$ 26,635,000</b>	<b>\$ 23,985,000</b>	<b>\$ 11,915,000</b>	<b>\$ 148,766,000</b>

House File 2421 and HF 733 also identified numerous individual projects and the amount of appropriated dollars allocated for each project. The Board of Regents were authorized to enter into contracts for the full cost of implementing the individual projects, however, the total amount expended annually could not exceed the amount appropriated in a given fiscal year.

**Attachment A** shows how the appropriated funds have been allocated to the various projects by fiscal year.

Of the total appropriations, \$62.3 million (41.9%) has been appropriated for projects at the University of Iowa, \$58.5 million (39.3%) to Iowa State University, and \$22.4 million (15.0%) to the University of Northern Iowa. The following chart and table show how the appropriated funds have been divided among the institutions including the Board Office.



**BOARD OF REGENTS  
Rebuild Iowa Infrastructure Fund Appropriations by Institution**

	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001	Total
University of Iowa	\$ 2,000,000	\$ 23,100,000	\$ 10,695,000	\$ 16,800,000	\$ 7,123,000	\$ 2,622,000	\$ 62,340,000
Iowa State University	2,000,000	21,400,000	11,930,000	7,190,000	9,163,000	6,787,000	58,470,000
University of Northern Iowa	3,000,000	6,500,000	4,870,000	2,310,000	3,214,000	2,506,000	22,400,000
School for the Deaf	50,000	0	110,000	260,000	3,850,000	0	4,270,000
Braille and Sight Saving School	341,000	0	95,000	75,000	635,000	0	1,146,000
Board of Regents Office	0	0	140,000	0	0	0	140,000
<b>TOTAL</b>	<b>\$ 7,391,000</b>	<b>\$ 51,000,000</b>	<b>\$ 27,840,000</b>	<b>\$ 26,635,000</b>	<b>\$ 23,985,000</b>	<b>\$ 11,915,000</b>	<b>\$ 148,766,000</b>

As of June 30, 1999, the Regents' institutions have assigned a total of \$103.8 million in non-state appropriated dollars to the projects funded from the Infrastructure Fund. This represents a total investment of \$252.5 million in infrastructure projects at the Regents Institutions.

**Attachment B** lists the individual projects by institution that have received funding from the Rebuild Iowa Infrastructure Fund. The attachment shows the amount of State funds appropriated, other funds dedicated to the projects, the amount of appropriated funds expended as of June 30, 1999, and the total amount of funds expended as of June 30, 1999.

As of June 30, 1999, the Regents institutions have expended a total \$104.1 million of the Rebuild Iowa Infrastructure Fund appropriations and \$130.2 million from all funding sources.

## **PROJECT DESCRIPTIONS**

Brief overviews of the individual projects are provided below.

### **University of Iowa**

**National Advanced Driving Simulator** - This project includes the construction of a facility to house the National Advanced Driving Simulator. The Driving Simulator is designed to conduct state-of-the-art research on the interaction between driving behavior, motor vehicle performance, and highway conditions. The total cost of the facility is estimated at \$5.7 million. This includes \$4.3 million in State appropriated funds and \$1.4 million from other sources. As of June 30, 1999, \$4.7 million had been expended. The University received a grant of approximately \$40.0 million from the National Highway Traffic Safety Administration to purchase and install the Simulator at the facility.

**Biological Sciences Building Renovation** - This project consists of the renovation of the Biological Complex which includes three separate buildings, Old Biology constructed in 1902, Biology I constructed in 1963, and Biology II constructed in 1969. This project will correct major life and fire safety deficiencies; upgrade the heating ventilation and air conditioning system, emergency power, distilled water and compressed air systems; and renovate selected research laboratories. The total cost of the project is estimated at \$17.7 million. This includes \$15.4 million in State appropriated funds and \$2.3 million from other sources. As of June 30, 1999, \$15.3 million had been expended.

**Engineering Facilities Modernization** - This project includes expansion of the student teaching functions in the building and developing modern electronic classrooms, modernizing, expanding and equipping laboratories; expansion of the engineering library, and integrating the Department of Chemical and Biochemical Engineering into the main engineering complex. The total cost of this project is estimated at \$28.0 million. This includes \$14.3 million in State appropriated funds and \$13.7 million from other sources. As of June 30, 1999, a total of \$17.2 million had been expended.

**Medical Education and Biomedical Research** - This project involves the remodeling of 197,000 sq. ft. of space and the construction of a new teaching and research laboratory building of approximately 184,000 sq. ft. The total cost of this project is estimated at \$67.1 million. This includes \$27.0 million in State appropriated funds and \$40.1 million from other sources. As of June 30, 1999, a total of \$19.0 million had been expended.

**Deferred Maintenance/Fire Safety** - The University of Iowa was appropriated \$2.0 million in FY 1996 to be used for building renovations costs, and to address major maintenance and fire safety concerns of campus facilities. The University allocated \$550,000 for renovation of the Biological Sciences Complex, and \$200,000 for renovation of the Engineering Facilities. All of the funds have been expended.

### **Iowa State University**

**Deferred Maintenance/Fire Safety** - Iowa State University was appropriated \$2.0 million in FY 1996 to be used for building renovation costs, and to address major maintenance and fire safety concerns of campus facilities. All of the funds have been expended.

**Intensive Livestock Research Facilities** - This project consists of constructing additions to Kildee Hall, the Veterinary Medicine Research Complex, and to the Meats Laboratory. The project will allow for the modernization and expansion of the livestock facilities. The total cost of this project is estimated at \$18.6 million. This includes \$15.3 million in State appropriated funds and \$3.3 million from other sources. As of June 30, 1999, a total of \$18.5 million had been expended.

**Livestock Infectious Disease Facilities** - This project is for the construction of a livestock infectious disease isolation facility to facilitate research at the College of Veterinary Medicine. The total cost of this project is estimated at \$18.6 million. This includes \$9.3 million in State appropriated funds. As of June 30, 1999, a total of \$5.7 million had been expended.

**Engineering Teaching and Research Facility Phases I and II** - This project consists of the construction of a 262,000 sq. ft. facility to integrate the College of Engineering and the Institute for Physical Research and Technology. The total cost of this project is estimated at \$61.0 million. This includes \$31.9 million in State appropriated funds and \$29.1 million from federal and private sources. As of June 30, 1999, a total of \$26.8 million had been expended.

### University of Northern Iowa

**Deferred Maintenance/Fire Safety** - The University of Northern Iowa was appropriated \$1.0 million in FY 1996 to be used for building renovation costs, and to address major maintenance and fire safety concerns of campus facilities. All of the funds have been expended.

**Performing Arts Center** - This project involves construction of a 115,000 sq. ft. performing arts center to be used by the University and surrounding communities. The new facility will seat approximately 1,500 persons and will be used for student instruction and practice, and vocal, instrumental, dance, and theater productions. The total cost of this project is estimated at \$21.9 million. This includes \$8.5 million in State appropriated funds and \$13.4 million from other sources. As of June 30, 1999, a total of \$15.6 million had been expended.

**Lang Hall** - This project will consist of renovation of Lang Hall which was constructed in 1900. The renovation work will include upgrades to the mechanical and electrical systems, interior remodeling, and fire safety improvements. The total cost of this project is estimated at \$13.5 million. This includes \$12.9 million in State appropriated funds and \$600,000 from other sources. As of June 30, 1999, a total of \$2.1 million had been expended.

### Iowa School for the Deaf

**Fire and Environmental Safety** - The School received \$50,000 in FY 1996 and FY 1999 for fire and environmental safety improvements. These funds were used to address fire safety deficiencies documented by the State Fire Marshal. All of the funds have been expended.

**Visual Alert System** - These funds were used to complete the installation of a visual alert fire system at the School. The total cost of this project was \$210,000 for Phases I and II. All of the funds have been expended.

**Telephone System** - These funds were used to upgrade the telephone system at the School for the Deaf. The total cost of this project was \$170,000, which includes \$50,000 in State appropriated funds and \$120,000 from other sources. All of the funds have been expended.

**Recreation Complex** - These funds are being used to replace the School's gymnasium and swimming pool in order to meet minimum high school standards. The total cost of this project is estimated at \$4.2 million. This includes \$3.2 million in State appropriated funds and \$1.0 million from private sources. As of June 30, 1999, a total of \$60,000 had been expended for design of the facility.

**Major Maintenance** - These funds will be used to upgrade utility systems; reconstruct sections of the utility tunnel; and replace the front entrance, steps, and walkways. The total cost of the improvements are estimated at \$650,000.

### **Iowa Braille and Sight Saving School**

**Boiler & Telephone System Replacement** - In FY 1996 the School was appropriated \$341,000 for two projects. The School received \$296,000 in FY 1996 to replace two failing boilers and \$45,000 to begin replacing the telephone system. All of the funds have been expended.

**Major Maintenance** - The school received appropriations totaling \$805,000 from FY 1998 to FY 2000 to address a wide variety of major maintenance and deferred maintenance projects on campus. This includes \$95,000 in FY 1998, \$75,000 in FY 1999, and \$635,000 in FY 2000.

### **Board of Regents Office**

**Lakeside Laboratory Complex** - In FY 1998 the Board of Regents was appropriated \$140,000 for improvements to the Lakeside Laboratory in Dickinson County. The Regents used the funds to convert the facilities to year-round facilities which included replacement of roofs, insulation, and replacement of heating/cooling systems. All of the funds have been expended.

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**BOARD OF REGENTS**  
**PROJECTS FUNDED FROM THE REBUILD IOWA INFRASTRUCTURE FUND**

	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001	Total
<b>University of Iowa</b>							
National Advanced Driving Simulator	\$ 0	\$ 2,300,000	\$ 2,000,000	\$ 0	\$ 0	\$ 0	\$ 4,300,000
Biological Sciences Renovation Phase I	550,000	14,900,000					15,450,000
Engineering Modernization	200,000	5,900,000	1,440,000	6,800,000			14,340,000
Medical Education & Biomedical Research			7,255,000	10,000,000	7,123,000	2,622,000	27,000,000
Maintenance/Fire Safety	1,250,000						1,250,000
<b>Total</b>	<b>\$ 2,000,000</b>	<b>\$ 23,100,000</b>	<b>\$ 10,695,000</b>	<b>\$ 16,800,000</b>	<b>\$ 7,123,000</b>	<b>\$ 2,622,000</b>	<b>\$ 62,340,000</b>
<b>Iowa State University</b>							
Intensive Livestock Research Facilities	\$ 0	\$ 15,300,000	\$ 0	\$ 0	\$ 0	\$ 0	\$ 15,300,000
Livestock Infectious Disease Facilities			6,080,000	3,190,000			9,270,000
Engineering Teaching & Research Facility - Phase I		6,100,000	4,900,000				11,000,000
Engineering Teaching & Research Facility - Phase II			950,000	4,000,000	9,163,000	6,787,000	20,900,000
Maintenance/Fire Safety	2,000,000						2,000,000
<b>Total</b>	<b>\$ 2,000,000</b>	<b>\$ 21,400,000</b>	<b>\$ 11,930,000</b>	<b>\$ 7,190,000</b>	<b>\$ 9,163,000</b>	<b>\$ 6,787,000</b>	<b>\$ 58,470,000</b>
<b>University of Northern Iowa</b>							
School of Music/Performing Arts Center	\$ 2,000,000	\$ 6,500,000	\$ 0	\$ 0	\$ 0	\$ 0	\$ 8,500,000
Lang Hall			4,870,000	2,310,000	3,214,000	2,506,000	12,900,000
Maintenance/Fire Safety	1,000,000						1,000,000
<b>Total</b>	<b>\$ 3,000,000</b>	<b>\$ 6,500,000</b>	<b>\$ 4,870,000</b>	<b>\$ 2,310,000</b>	<b>\$ 3,214,000</b>	<b>\$ 2,506,000</b>	<b>\$ 22,400,000</b>
<b>Iowa School for the Deaf</b>							
Fire & Environmental Safety Improvements	\$ 50,000	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 50,000
Visual Alert System			110,000	100,000			210,000
Recreation Complex Design/Construction				60,000	3,200,000		3,260,000
Telephone System				50,000			50,000
Maintenance/Fire Safety				50,000	650,000		700,000
<b>Total</b>	<b>\$ 50,000</b>	<b>\$ 0</b>	<b>\$ 110,000</b>	<b>\$ 260,000</b>	<b>\$ 3,850,000</b>	<b>\$ 0</b>	<b>\$ 4,270,000</b>
<b>Iowa Braille and Sight Saving School</b>							
Boiler Replacement & Telephone System	\$ 341,000	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 341,000
Deferred Maintenance			95,000				95,000
Major Maintenance				75,000	635,000		710,000
<b>Total</b>	<b>\$ 341,000</b>	<b>\$ 0</b>	<b>\$ 95,000</b>	<b>\$ 75,000</b>	<b>\$ 635,000</b>	<b>\$ 0</b>	<b>\$ 1,146,000</b>
<b>Board of Regents Office</b>							
Lakeside Laboratory Complex	\$ 0	\$ 0	\$ 140,000	\$ 0	\$ 0	\$ 0	\$ 140,000
<b>TOTAL</b>	<b>\$ 7,391,000</b>	<b>\$ 51,000,000</b>	<b>\$ 27,840,000</b>	<b>\$ 26,635,000</b>	<b>\$ 23,985,000</b>	<b>\$ 11,915,000</b>	<b>\$ 148,766,000</b>

NOTE: This table shows the fiscal year in which appropriated funds have been allocated to projects.

**Regent's Institution Projects Receiving Appropriations from the  
Rebuild Iowa Infrastructure Fund  
Through June 30, 1999**

	Rebuild Iowa Infra. Fund Appropriation	Other Funding Sources	Total	Appropriated Funds Expended	All Funds Expended
<b>UNIVERSITY OF IOWA</b>					
Maintenance/Fire Safety - FY 1996	\$ 1,250,000	\$ 0	\$ 1,250,000	\$ 1,250,000	\$ 1,250,000
National Advanced Driving Simulator - FY 1997	4,300,000	1,400,000	5,700,000	4,300,000	4,675,606
Biological Sciences Renovation Phase I - FY 1997*	15,450,000	2,260,000	17,710,000	15,328,000	15,328,000
Engineering Modernization - FY 1997*	14,340,000	13,682,000	28,022,000	14,340,000	17,182,546
Medical Education & Biomedical Research - FY 1998	27,000,000	40,052,000	67,052,000	17,255,000	19,010,855
<b>TOTAL UNIVERSITY OF IOWA</b>	<b>\$ 62,340,000</b>	<b>\$ 57,394,000</b>	<b>\$ 119,734,000</b>	<b>\$ 52,473,000</b>	<b>\$ 57,447,007</b>
<b>IOWA STATE UNIVERSITY</b>					
Maintenance/Fire Safety - FY 1996	\$ 2,000,000	\$ 0	\$ 2,000,000	\$ 2,000,000	\$ 2,000,000
Intensive Livestock Research Facilities - FY 1997	15,300,000	3,268,068	18,568,068	15,300,000	18,547,599
Intensive Livestock Infectious Disease Facilities - FY 1998	9,270,000	0	9,270,000	5,710,000	5,710,000
Engineering Teaching & Research Facility Phase I - FY 1997	11,000,000	0	11,000,000	11,000,000	11,000,000
Engineering Teaching & Research Facility Phase II - FY 1998	20,900,000	29,120,962	50,020,962	4,949,996	15,752,497
<b>TOTAL IOWA STATE UNIVERSITY</b>	<b>\$ 58,470,000</b>	<b>\$ 32,389,030</b>	<b>\$ 90,859,030</b>	<b>\$ 38,959,996</b>	<b>\$ 53,010,096</b>
<b>UNIVERSITY OF NORTHERN IOWA</b>					
Maintenance/Fire Safety - FY 1996	\$ 1,000,000	\$ 0	\$ 1,000,000	\$ 1,000,000	\$ 1,000,000
School of Music/Performing Arts Center - FY 1997**	8,500,000	13,394,000	21,894,000	8,500,000	15,637,353
Lang Hall - FY 1998	12,900,000	600,000	13,500,000	2,069,798	2,078,430
<b>TOTAL UNIVERSITY OF NORTHERN IOWA</b>	<b>\$ 22,400,000</b>	<b>\$ 13,994,000</b>	<b>\$ 36,394,000</b>	<b>\$ 11,569,798</b>	<b>\$ 18,715,783</b>
<b>IOWA SCHOOL FOR THE DEAF</b>					
Fire & Environmental Safety Improvements - FY 1996	\$ 50,000	\$ 0	\$ 50,000	\$ 50,000	\$ 50,000
Visual Alert System - Part I - FY 1998	110,000	0	110,000	110,000	110,000
Visual Alert System - Part II - FY 1999	100,000	0	100,000	100,000	100,000
Telephone System - FY 1999	50,000	120,000	170,000	290,000	50,000
Fire Safety - FY 1999	50,000	0	50,000	50,000	50,000
Recreation Complex Design - FY 1999	60,000	0	60,000	60,000	60,000
Recreation Complex Construction - FY 2000	3,200,000	1,000,000	4,200,000	0	0
Major Maintenance - FY 2000	650,000	0	650,000	0	0
<b>TOTAL IOWA SCHOOL FOR THE DEAF</b>	<b>\$ 4,270,000</b>	<b>\$ 1,120,000</b>	<b>\$ 5,390,000</b>	<b>\$ 660,000</b>	<b>\$ 420,000</b>
<b>IOWA BRAILLE &amp; SIGHT SAVING SCHOOL</b>					
Boiler Replacement & Telephone System - FY 1996	\$ 341,000	\$ 0	\$ 341,000	\$ 340,516	\$ 340,516
Deferred Maintenance - FY 1998	95,000	0	95,000	95,000	95,000
Major Maintenance - FY 1999	75,000	0	75,000	75,000	6,000
Major Maintenance - FY 2000	635,000	0	635,000	0	0
<b>TOTAL IOWA BRAILLE &amp; SIGHT SAVING SCHOOL</b>	<b>\$ 1,146,000</b>	<b>\$ 0</b>	<b>\$ 1,146,000</b>	<b>\$ 510,516</b>	<b>\$ 441,516</b>
<b>BOARD OF REGENTS OFFICE</b>					
Lakeside Laboratory Complex - FY 1998	\$ 140,000	\$ 0	\$ 140,000	\$ 140,000	\$ 140,000
<b>Total</b>	<b>\$ 148,766,000</b>	<b>\$ 104,897,030</b>	<b>\$ 253,663,030</b>	<b>\$ 104,313,310</b>	<b>\$ 130,174,402</b>

\* \$550,000 of the FY 1996 appropriation for major maintenance was used for the renovation of the Biological Sciences Building and \$200,000 was used for modernization of the Engineering Building.

\*\* The University of Northern Iowa received \$2,000,000 in FY 1996 for the construction of the School of Music/Performing Arts.