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The Construction Grants Program of the Higher
Education Facilities Act of 1963

The Equipment Grants Program of the Higher
Education Act of 1965

A Biennium Report
August 1966

*Higher Education Facilities Commission
of the State of Iowa*

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THE CONSTRUCTION GRANTS PROGRAM OF THE HIGHER
EDUCATION FACILITIES ACT OF 1963

THE EQUIPMENT GRANTS PROGRAM OF THE HIGHER
EDUCATION ACT OF 1965

A BIENNIUM REPORT

August 1966

Higher Education Facilities Commission
of the State of Iowa

1300 Des Moines Building
Des Moines, Iowa 50309

PREFACE

The Higher Education Facilities Act (Public Law 88-204) became effective in December 1963. It required that any state desiring to participate in the federal grant program for undergraduate academic facilities designate or establish an agency to represent all higher education in the state.

The Higher Education Facilities Commission of the State of Iowa was established in the spring of 1964. It consists of nine members representing the general public, the legislature, and the institutions of higher learning throughout Iowa. These include the three Regents institutions, the sixteen public community colleges and the twenty-nine private institutions fully accredited by the North Central Association of Colleges and Secondary Schools.

In August 1964 the Commission hired a director. The initial charge was to submit to the United States Office of Education a state plan for participation in the construction grants program under Title I of the Higher Education Facilities Act of 1963. The Commission began operations several months before funds actually became available and has been in existence for only two years. Nonetheless, at the end of the second fiscal year it reports impressive achievements which have extended considerably beyond its initial purposes.

The activities of the Commission embrace five areas: construction grants, equipment grants, scholarships, guaranteed student loans, and a survey of physical facilities. The first two are federal programs, for which institutional applications are administered through the agency of the Commission. The scholarships awarded directly to students originate with the State of Iowa. The student loans are federally encouraged by advance reserve funds but are intended to activate a state-supported guarantee supplement. The survey of physical facilities which was financed by federal funds for Commission operations has had benefit of affiliation with the Iowa Cooperative Study of Post High School Education.

The Construction Grants Program of The Higher Education Facilities Act of 1963 and The Equipment Grants Program of The Higher Education Act of 1965 comprise the subject of this biennium report, which reflects the ability and enthusiasm of Mr. Norman Kladstrup who joined the staff in June 1966 and is working closely with both facilities programs. An appendix gives financial statements of operations for fiscal years ended June 30, 1965 and June 30, 1966. They were prepared by Miss Ruth Snyder, who has assisted also with other activities of the Commission.

The purpose of this and other Commission reports is informative and evaluative. The general public, the legislators, the officials of colleges and universities, and the U. S. Office of Education need to know the facts concerning the various programs for which the Higher Education Facilities Commission is responsible. The Commission members need comparisons and analyses to aid in evaluating and improving the State Plans and the principles and procedures under which the programs operate. Several improvements and revisions have already been adopted. Suggestions and recommendations from everyone are always welcome.

Jay W. Stein
Director

THE HIGHER EDUCATION FACILITIES COMMISSION JUNE 30, 1966

Mr. Charles Hearst, Cedar Falls, Chairman

Mr. David Dancer, Executive Secretary, Iowa Board of Regents,
Des Moines

Mr. Paul F. Johnston, State Superintendent, Department of Public
Instruction, Des Moines

*Senator Vern Lisle, Iowa State Legislature, Clarinda

Dr. Irwin J. Lubbers, President, Iowa Association of Private Colleges
and Universities, Des Moines

Mr. Winston L. McMullen, Business Representative, Sheet Metal Workers
Local #45, Des Moines (replaced Mr. Robert L. McVay August 26, 1965)

Mrs. Frank Nye, Cedar Rapids, Secretary

*Former State Representative Leroy H. Petersen, Iowa State Legislature,
Grimes, Vice Chairman

Dr. Don R. Sheriff, Member, State Advisory Committee on Vocational
Education, West Branch

*Term expired June 30, 1966. Senator Vern Lisle replaced by Senator Daryl H.
Nims, Ames; Representative Leroy H. Petersen replaced by Representa-
tive James D. Resnick, Davenport.

FACILITIES ADVISORY COMMITTEE

A Facilities Advisory Committee authorized by the Commission becomes
active fall 1966.

Dr. Jay W. Stein
Director

Norman W. Kladstrup
Assistant to the Director

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SALIENT INFORMATION ON THE FACILITIES PROGRAMS OF THE HIGHER EDUCATION FACILITIES COMMISSION DURING THE TWO-YEAR PERIOD ENDING JUNE 30, 1966

The Construction Grants Program

Forty-two construction grant applications were received and processed for which federal shares totaling \$11,374,588 were awarded.

Ten public community colleges received federal shares of up to 40% of the total construction costs for ten projects. The federal shares totaled \$2,492,191 with the average grant being \$249,219.

Twenty-four other institutions, including Regents and private two-year and private four-year institutions received federal shares of up to 33 1/3% of the total construction costs for thirty-two projects. The federal shares totaled \$8,882,397 with the average grant being \$277,575.

The Equipment Grants Program

Twenty institutions submitted twenty-one equipment grant applications for which 50% federal shares totaling \$260,717 were awarded.

Five public community colleges received a total of \$63,158 or an average of \$12,632 for the five projects receiving federal share grants.

Fifteen other institutions, including Regents and private two-year and private four-year institutions, received federal share totaling \$197,559 or an average grant of \$12,347 for the sixteen projects.

The Survey of Physical Facilities

With the cooperation of Iowa colleges and universities, public and private, the Commission obtained and assembled data on campus physical facilities as of the fall of 1965. The Survey report identifies the existing physical facilities on Iowa campuses and measures their utilization. It offers the basis for evaluating the State Plans for the facilities grants programs and for considering which facilities are required to meet the major post high school needs in the future for the state as a whole. The report, prepared in affiliation with the Iowa Cooperative Study of Post High School Education, is available from the Commission office upon request.

THE CONSTRUCTION GRANTS PROGRAM
TITLE I OF THE HIGHER EDUCATION FACILITIES ACT OF 1963

The Higher Education Facilities Act (Public Law 88-204) was enacted effective December 16, 1963. The Act authorized assistance to public and other nonprofit institutions of higher education in financing the construction, rehabilitation or improvement of needed academic and related facilities in undergraduate and graduate institutions. Title I of the Act authorizes grants for undergraduate facilities, Title II for graduate facilities. Title III authorizes loans for academic facilities; both undergraduate and graduate. Titles II and III are administered from the U. S. Office of Education in Washington. Title I is administered through the Higher Education Facilities Commission set up specifically for that purpose. In cases in which a Title I grant project also includes a graduate facility or a loan, the Commission must also be fully cognizant of Title II and III respectively of the Act.

Section 103, Title I, Higher Education Facilities Act of 1963, provides for allotments of federal funds to public community colleges and public technical institutes. Section 104 provides for allotments to institutions of higher education other than public community colleges and public technical institutes. The Act makes a distinction between these two types in the required criteria for determining relative priorities for federal share grants and in the maximum allowable federal share of the project costs. For this reason the public community colleges and public technical institutes are referred to as Section 103 institutions and the Regents institutions and private two-year and private four-year institutions are referred to as Section 104 institutions.

The paragraphs which follow describe the awarding of the federal grants during the first two years of the program. The available funds, the number of applications, the grants and the projects are recounted in detail. Similarly, the procedure and the criteria used in making the awards are analyzed.

I. Federal Grants Awarded

A. Federal Allotments Available

The federal allotments for the two fiscal years, 1965 and 1966, were made separately for the public community colleges and public technical institutes (Section 103) and the institutions of higher learning other than public community colleges and public technical institutes (Section 104). The allotments totaled \$11,374,588. Title VII of the

Higher Education Act of 1965, amending the Act of 1963, allowed for transfer of funds from one Section allotment to the other. In accordance with this provision, an unused balance of \$211,229 in the Section 103 allotment of \$1,761,472 for the fiscal year of 1966 was transferred to the Section 104 allotment in February, 1966, as shown in Table No. 1.

Table No. 1 Federal Allotments for Fiscal Years 1965 and 1966 (Construction Grants Program)

	Section 103 institutions	Section 104 institutions	Total
Fiscal year 1965	\$ 948,388	\$2,895,116	\$ 3,843,504
Fiscal year 1966	1,761,472	5,769,612	7,531,084
Transfer between sections	(211,229)	211,229	
Total	\$2,498,631	\$8,875,957	\$11,374,588

B. Applications Received and Grants Awarded

Applications for Title I (1963) construction grants were received and processed for five closing dates: November 30, 1964; March 31, 1965; August 31, 1965; January 31, 1966; and March 31, 1966. For the first two, which fell in the fiscal year ended June 30, 1965, the sum of \$3,843,504 was available for grants. However, as of the second closing date in the first fiscal year, nine applications, which totaled \$1,651,338, were carried over to the next closing date, which fell in the second fiscal year.

For the fiscal year ended June 30, 1966, which embraced three closing dates, the sum of \$7,531,084 was available for grants. As of March 31, 1966, the final closing date, five applications totaling requests for \$666,755 remained to be carried over to the following fiscal year.

C. Federal Grants by Type of Institution

For the two-year fiscal period ended June 30, 1966, as shown in Table No. 2, twenty-six projects submitted by private colleges and universities and six projects submitted by the Regents institutions were

approved by the U. S. Office of Education for federal grant awards. The federal share amounts for the private colleges and universities averaged \$236,010 for a total \$6,136,271 or 69.0% of the amount allotted for institutions other than public community colleges. The Regents institutions received approval for the balance of \$2,746,126, an average of \$457,688 for each project, or 31.0% of the allotment for institutions other than public community colleges.

Table No. 2 Federal Share Awards for Section 104 Institutions (Construction Grants Program)

Institutional group	Projects		Federal share	
	Number	%	Amount	%
Private institutions	26	81.3	\$6,136,271	69.0
Regents institutions	6	18.7	2,746,126	31.0
Total	32	100.0	\$8,882,397	100.0

The public community colleges submitted ten projects for which the approved federal share amount averaged \$249,219 for a total of \$2,492,191. In Table No. 3, one may consider the public community colleges along with the groupings of other public institutions and of private institutions. In this view, one notes that the twenty-six projects of the private institutions comprise 61.9% of the total number submitted and the combined public community colleges and Regents institutions comprise the balance or 38.1% (23.8% and 14.3% respectively). The federal share of the projects for private institutions is \$6,136,271 or 53.9%. The federal share for the public community colleges and Regents institutions combined is \$5,238,317 or 46.1% of the total amount. The public community colleges account for 21.9% and the Regents institutions account for 24.2% of the \$5,238,317. Of parallel interest are the fall 1965 enrollment statistics reported by Mr. Donald E. Rhoades, University of Iowa: at the public community colleges, 9,464; Regents institutions, 36,770; private institutions, 37,851.

Table No. 3 Analysis of Federal Share Awards for Section 103 and Section 104 Institutions (Construction Grants Program)

Institutional group	Projects		Total cost		Eligible cost		Federal share		Fall 1965 Enrollment
	No.	%	Amount	%	Amount	%	Amount	%	
Section 103 Public community colleges	10	23.8	\$ 6,240,484	14.6	\$ 6,240,484	16.2	\$ 2,492,191	21.9	9,464
Section 104 Regents institutions	6	14.3	12,797,434	30.0	10,833,125	28.0	2,746,126	24.2	36,770
Private institutions	26	61.9	23,705,407	55.4	21,583,410	55.8	6,136,271	53.9	37,851
Total	42	100.0	\$42,743,325	100.0	\$38,657,019	100.0	\$11,374,588	100.0	84,085

D. Analysis of Projects Approved for Federal Grant Shares

During the first fiscal year, eligible projects were limited to science, mathematics, engineering and foreign languages. Projects submitted after November 8, 1965 could include general classrooms, physical education buildings and other projects on the same basis. That was the date on which President Johnson signed the Higher Education Act of 1965, Title VII of which amended the 1963 Act.

Among the private colleges and universities, libraries and science buildings are the most common type of project while projects designed for general purposes are the most common among the public community colleges. Table No. 4 shows the following information for each institution for which a federal share grant was approved during the two fiscal years of 1965 and 1966: federal share amount; increase in square feet of space equipped for instruction; whether the project is for new (N) or rehabilitated (R) or a combination (C) or new and rehabilitated construction; and the major academic use for which the project is planned.

Table No. 4 Projects for which Federal Share Amounts were Approved (Construction Grants Program)

Section 103 Institutions	Federal share amount	Net Sq. Ft. increase in space	Type of project
Boone Junior College	\$ 625,472	45,199	N-General
Centerville Community College	100,952	10,015	R-General
Clarinda Community College	57,876	14,794	C-Library-General
Clinton Community College	315,707	18,047	N-General
Eagle Grove Junior College	140,000	11,173	N-General
Ellsworth College	21,958	3,721	R-General
Estherville Junior College	152,000	37,509	N-General
Fort Dodge Community College	707,891	39,563	N-Library-General
Marshalltown Community College	210,989	29,969	R-General
Mason City Junior College	159,346	58,531	R-General-Science
Total for Section 103	\$ 2,492,191	268,521	
Section 104 Institutions			
Buena Vista College	429,710	80,569	N-Lib.-Science-P.E.
Clarke College	496,392	33,282	N-Science
Coe College	462,216	72,252	N-Science
Cornell College	29,634	10,830	R-Library
Dordt College	216,100	45,956	N-Library-Science
Drake University	444,318	54,642	N-Library
Graceland College	283,124	34,882	N-Library
Grand View College	574,866	33,110	N-Library-Science
Iowa State University	1,172,295	112,631	N-Library-General
Iowa Wesleyan College	361,091	25,675	N-Library-General
Luther College	533,673	64,825	N-Library-General
Marycrest College	17,319	6,178	R-Library
Morningside College	439,573	65,910	R-Library-Science
Mount Mercy College	41,577	4,116	N-Science
Northwestern College	194,054	33,359	N-Library-Science
Parsons College	301,722	61,709	C-Library-General
Simpson College	98,455	11,693	R-Science
State College of Iowa	935,413	23,577	N-Science
University of Dubuque	155,273	18,095	N-Library
University of Iowa	638,418	19,121	C-Library-Humanities
Upper Iowa University	212,536	7,486	N-Library
Waldorf College	144,000	16,803	C-Science
Wartburg College	389,956	39,102	N-Science
Westmar College	310,682	25,699	N-Science
Total for Section 104	\$ 8,882,397	901,502	
Total of All Projects	\$11,374,588	1,170,023	

II. Procedure and Criteria Used

A. State Plan for Awarding Priorities

In drafting the State Plan, the Commission members considered and established what they believed to be optimum factors for allotting grants in the State of Iowa. These factors, which are under constant review and evaluation, include the five major criteria listed under established institutions and new institutions in Table No. 5 below. They are described in detail in the State Plan.

Table No. 5 Brief Outline of Criteria and Point Allowance for Determining Relative Priorities of Eligible Projects Submitted (Construction Grants Program)

	Maximum points	
	Section 103 institutions	Section 104 institutions
Established Institutions		
1. Increase in undergraduate enrollment		
a. Numerical	15	15
b. Percentage	5	15
2. Increase in square feet for instruction and library		
a. Numerical	30	10
b. Percentage	--	10
3. Utilization of existing academic facilities		
a. Capacity/enrollment	5	10
b. General classrooms	5	10
c. Instructional laboratories and shops	5	10
4. Financing the project	15	10
5. Previous Title I grant(s) awarded		
a. Cumulative amount	10	5
b. Date of most recent previous grant	10	5
New Institutions		
1. Projection of undergraduate enrollment	30	30
2. Square feet for instruction and library	30	30
3. Projected weekly use of academic facilities		
a. General classrooms	5	5
b. Instructional laboratories and shops	5	5
4. Financing the project	20	20
5. Previous Title I grant(s) awarded		
a. Cumulative amount	5	5
b. Date of most recent previous grant	5	5

B. Commission Review of Application

The Commission meets approximately two weeks after each closing date to set relative priorities for the projects. Before doing so, the Commission verifies that the institution and the project proposed in the application appear to meet the basic eligibility requirements set forth in Public Law 88-204 and the regulations governing

the administration of that law. The Director presents an analysis of each project application in terms of the federal regulations and the criteria and federal share provisions of the Iowa State Plan. He reports on his visit to the campus concerned.

After the Commission sets priorities for projects under the procedures and rules of the State Plan, the applications are forwarded to the U. S. Office of Education with recommendation for federal shares. Upon review and approval of these applications, the U. S. Office of Education reserves federal funds from the Iowa allotment and offers grant awards to the applicants.

The federal share of projects for public community colleges and public technical institutes is limited to 40% of the estimated eligible project development cost. For other institutions, the federal share is limited to 33 1/3% of the first \$900,000 of the estimated eligible project development; plus 20% of the estimated eligible project development cost over \$900,000 up to and including \$2,000,000; plus 10% of the estimated eligible project development cost over \$2,000,000.

C. Analysis of Criteria for Determining Priority Factors

An analysis of the criteria for which the priority factors were determined was made for all institutions which submitted applications for the five closing dates. The analysis is helpful in evaluating whether the factors for allotting grants as specified in the State Plan are reasonable and proper and whether they provide a fair basis for awarding federal grant priorities. The points awarded for each of the criteria vary between the Section 103 and the Section 104 institutions to conform with the requirements of the Act of 1963 and thus the data for each Section are shown in separate columns.

The range limits, range, average, and median are given for each of the criteria except "previous Title I grant(s) awarded" and "ability to undertake the project financially." The former is omitted because so far only one previous year is involved. In the case of the criterion, on project financing, only five applications indicated an initial lack of funds to cover the non-federal portion of the project costs.

Table No. 6 shows the estimated increased enrollment which may be realized during the four years beginning with the fall term immediately preceding the date of application, provided adequate facilities are available. This projection period began with either the fall of 1964 or the fall of 1965.

Table No. 6 Projected Increase in Undergraduate Enrollment for a Four-Year Period (Construction Grants Program)

	Section 103 institutions		Section 104 institutions	
	Numerical increase	Percentile increase	Numerical increase	Percentile increase
Range limit	125-1255	82.93-201.12	142-4155	15.04-118.82
Range	1030	118.19	4013	103.78
Average	585	125.05	1034	45.74
Median	548	110.73	418	44.67

Table No. 7 shows the increase in the number and percentage of square feet of instructional and library space which the projects, for which federal grant aid was requested, are expected to add to the total academic facilities.

Table No. 7 Increase in Square Feet of Instructional and Library Space (Construction Grants Program)

	Section 103 institutions		Section 104 institutions	
	Square feet	Percentile increase	Square feet	Percentile increase
Range limit	3721-58,531	N/A	683-87,000	.16-128.19
Range	54,810	N/A	86,317	128.03
Average	22,855	N/A	26,607	47.42
Median	16,420	N/A	19,989	38.92

The utilization of existing academic facilities is shown in Tables No. 8 and 9. The utilization factor, when expressed as the capacity/enrollment ratio, is derived by dividing the total number of student clock hours by 100, and dividing this result into the square feet of campus area in classroom, laboratory and library facilities. The utilization factor may also be expressed in terms of the average weekly room period use. This factor is considered separately for general classrooms and for instructional laboratories and shops. It is the average number of hours these rooms are used per week, obtained by dividing the total number of rooms into the total number of class hours for which they are scheduled per week.

Table No. 8 Utilization of Existing Academic Facilities: Capacity/Enrollment Ratio (Construction Grants Program)

	Section 103 institutions	Section 104 institutions
Range limit	95.24 - 255.65	100.01 - 671.39
Range	160.41	571.38
Average	165.87	322.68
Median	167.17	320.03

Table No. 9 Utilization of Existing Academic Facilities: Average Weekly Room Period Use (Construction Grants Program)

	Section 103 institutions		Section 104 institutions	
	Instructional labs and shops	General classrooms	Instructional labs and shops	General classrooms
Range limit	14.62 - 44.85	18.76-38.10	9.38 - 30.18	16.95-43.64
Range	30.23	19.34	20.80	26.69
Average	29.99	28.83	17.09	27.37
Median	30.00	28.04	16.70	26.62

THE EQUIPMENT GRANTS PROGRAM
TITLE VI, PART A, OF THE HIGHER EDUCATION ACT OF 1965

Title VI, Part A, of Public Law 89-329, generally known as the Higher Education Act of 1965, was signed by the President in November 1965. It provides for financial assistance for the improvement of undergraduate classroom instruction in selected subject areas in institutions of higher learning.

In fulfillment of the requirements of the Act, the Higher Education Facilities Commission was designated as the state agency to administer the equipment grants program and was given the responsibility of submitting "a State Plan for such participation" to the U. S. Office of Education for approval. This approval was granted April 27, 1966.

I. Federal Grants Awarded

A. Federal Allotments Available

The total federal share allotment for the State of Iowa for the fiscal year ended June 30, 1966 was \$260,819. Of this amount, \$234,737 was specified for acquisition of Category I projects which include laboratory and other special equipment and \$26,082 for Category II projects which include television equipment for closed-circuit direct instruction.

B. Applications Received and Grants Awarded

Only one closing date, April 30, 1966, was possible since the equipment grants program was effected. Twenty-five applications in Category I, with a total project cost of \$754,762, and three applications in Category II, with a total project cost of \$65,147, were submitted for priority consideration. Of these, twenty-one projects received priorities for federal share grants totaling \$260,717. They were formally offered by the U. S. Office of Education and in turn accepted by the applicants. These included twenty Category I projects totaling \$234,737 and one Category II project in the amount of \$25,980. The unused portion of the Category II federal allotment in the amount of \$102 was offered to the applicant next in priority rank to that receiving the full eligible share, but it was only 4.9% of the \$2,100 share requested and was thus declined as impractical.

Of the Category I projects to receive awards, five, with the federal share totaling \$63,158, or 26.9% of the total Iowa allotment in this category, were submitted by public community colleges; thirteen projects, with the federal share totaling \$132,475 or 56.4%, were submitted by private colleges and universities; and the balance of two, with the federal share totaling \$39,104 or 16.7%, were submitted by the Regents institutions. The single Category II project was submitted by a private institution. Table No. 10 shows the number and total estimated cost of the projects and the corresponding federal share amount.

Table No. 10 Grant Agreements Offered and Accepted (Equipment Grants Program)

Institutional group	Category I						Category II					
	Projects		Total cost		Federal share		Projects		Total cost		Federal share	
	No.	%	Amount	%	Amount	%	No.	%	Amount	%	Amount	%
Public community colleges	5	25.0	\$137,339	23.0	\$ 63,158	26.9						
Private institutions	13	65.0	295,904	49.7	132,475	56.4	1	100.0	\$51,960	100.0	\$25,980	100.0
Regents institutions	2	10.0	162,684	27.3	39,104	16.7						
Total federal share	20	100.0	\$595,927	100.0	\$234,737	100.0	1	100.0	\$51,960	100.0	\$25,980	100.0
Federal allotment					\$234,737						\$26,082	
Allotment balance					00						102	

C. Analysis of Projects Approved for Federal Grant Shares

In Category I, laboratory and other special equipment and materials were specified for use in all of the eligible subject areas. However, most of the equipment was requested for instructional purposes in various science fields. Table No. 11 shows for each approved project the major subject area, total project cost, and federal share amount.

Table No. 11 Projects Approved for Federal Shares (Equipment Grants Program)

Institution	Major subject area	Total project cost	Federal share amount
Briar Cliff College	Science	\$ 5,000	\$ 2,500
Central College	Science	24,200	12,100
Creston Community College	Science	49,735	24,867
Drake University	For. Language	62,215	25,000
Drake University	Studio Equip.	51,960	25,980
Eagle Grove Junior College	Science	14,027	5,943
Fort Dodge Community College	Science	36,674	13,967
Grand View College	Science	48,433	24,100
Luther College	General	22,445	10,922
Marshalltown Community College	Science	26,194	13,027
Morningside College	Science	27,493	13,746
Muscatine Community College	General	10,709	5,354
Northwestern College	Education	27,000	11,412
Ottumwa Heights College	Education	8,393	3,671
St. Ambrose College	For. Language	22,286	11,143
University of Dubuque	Arts	12,014	6,007
Upper Iowa University	Science	31,165	9,244
Waldorf College	Engineering	2,300	1,150
Wartburg College	Science	2,960	1,480
State College of Iowa	General	28,209	14,104
University of Iowa	Education	134,475	25,000
Total		\$647,887	\$260,717

II. Procedure and Criteria Used

A. State Plan for Awarding Priorities

The criteria used for determining point allowances and relative priorities for eligible projects in each of Categories I and II are outlined in Table No. 12. The criteria are described in detail in the State Plan.

Table No. 12 Brief Outline of Criteria and Point Allowance for Determining Relative Priorities of Eligible Projects (Equipment Grants Program)

	Maximum points
Category I-Laboratory and Other Special Equipment	
1. Basic educational and general expenditures per semester. credit hour equivalent	30
2. Percentage of project planned for existing classrooms or audio visual centers	20
3. Capacity/enrollment ratio.	10
4. Utilization of instructional laboratories and shops.	10
5. Ability to undertake the project financially	10
6. Cumulative amount of previous Title VI A grants awarded.	10
7. Date of most recent previous grant	10
	<u>100</u>
Category II-Closed-Circuit Instructional Television Projects	
1. Basic educational and general expenditures per semester. credit hour equivalent	30
2. Ability to utilize educational television effectively (additional courses)	15
3. Ability to utilize educational television effectively (additional enrollment).	15
4. Capacity/enrollment ratio.	10
5. Ability to undertake the project financially	10
6. Cumulative amount of previous Title VI A grants awarded.	10
7. Date of most recent previous grant	10
	<u>100</u>

The federal share provisions were made with careful regard for equitable opportunity among the varied individual applicants and for the required distinction between Categories I and II. The federal share for a laboratory and other special equipment project (Category I) is 50% of the project budget. With only \$234,737 available in this category, a maximum of \$25,000 was set to assure broader distribution of grants. Should only one or two applications of large size be made, of course, the maximum of 50% rather than the \$25,000 limitation would apply.

In Category II the total available allotment for Iowa was \$26,082. In view of the high cost of television equipment, it was the general consensus, both national and local, that this amount was already too small for more than one effective project. Therefore, no dollar ceiling was set. Applications received the first closing date, however, suggest that considerably smaller grants for television equipment are feasible.

The projects are reviewed, priorities are set, and shares assigned by the Commission members in much the same manner as for construction projects submitted under Title I of the Higher Education Facilities Act of 1963. After priorities have been assigned, the applications are forwarded to the U. S. Office of Education with the Commission's recommendation for federal shares.

B. Analysis of Criteria for Determining Priority Factors

An analysis of the Category I criteria for which the priority factors were determined is shown in Tables No. 13, 14, 15, and 16. The criterion on the "ability to undertake the project financially" is omitted since all applicants reported sufficient funds to cover the non-federal portion of the cost. The "cumulative amount of previous Title VI grants awarded" and "date of most recent previous grant" are also omitted factors since there have been no preceding closing dates.

Table No. 13 Basic Educational and General Expenditures per Semester Credit Hour Equivalent (Equipment Grants Program)

	Amount
Range limits	\$14.16 - 73.64
Range	59.48
Average	37.04
Median	35.72

Table No. 14 Percentage of Project Planned for Existing Classrooms or Audio Visual Centers (Equipment Grants Program)

	Percent
Range limits	0.00 - 100.00
Range	100.00
Average	75.70
Median	100.00

Table No. 15 Capacity/Enrollment Ratio (Equipment Grants Program)

	Ratio
Range limits	119.50 - 658.28
Range	538.78
Average	340.69
Median	319.80

Table No. 16 Utilization of Instructional Laboratories and Shops (Equipment Grants Program)

	Hours per week
Range limits	9.38 - 36.33
Range	26.95
Average	19.74
Median	16.30

III. Total Federal Grants Awarded Under Both Title I (1963) and Title VI A (1965)

The combined awards (federal share of the eligible project costs) under both the construction and the equipment grants programs for the two-year period ended June 30, 1966 is \$11,635,305 as shown in Table No. 17. Of this amount, \$2,555,349 or 22.0% was awarded to the public community colleges, \$6,294,726 or 54.1% was awarded to private colleges and universities, and \$2,785,230 or 23.9% was awarded to the Regents institutions.

Table No. 17 Combined Federal Share Allotments for both the Construction and the Equipment Grants Program

Institutional group	Total		Title I (1963)		Title VI A (1965)	
	Amount	%	Amount	%	Amount	%
Public community colleges	\$ 2,555,349	22.0	\$ 2,492,191	21.9	\$ 63,158	24.2
Private institutions	6,294,726	54.1	6,136,271	53.9	158,455	60.8
Regents institutions	2,785,230	23.9	2,746,126	24.2	39,104	15.0
Total	\$11,635,305	100.0	\$11,374,588	100.0	\$260,717	100.0

APPENDIX

STATEMENT OF OPERATING EXPENSES FOR FACILITIES PROGRAM

Fiscal Year Ended June 30, 1965

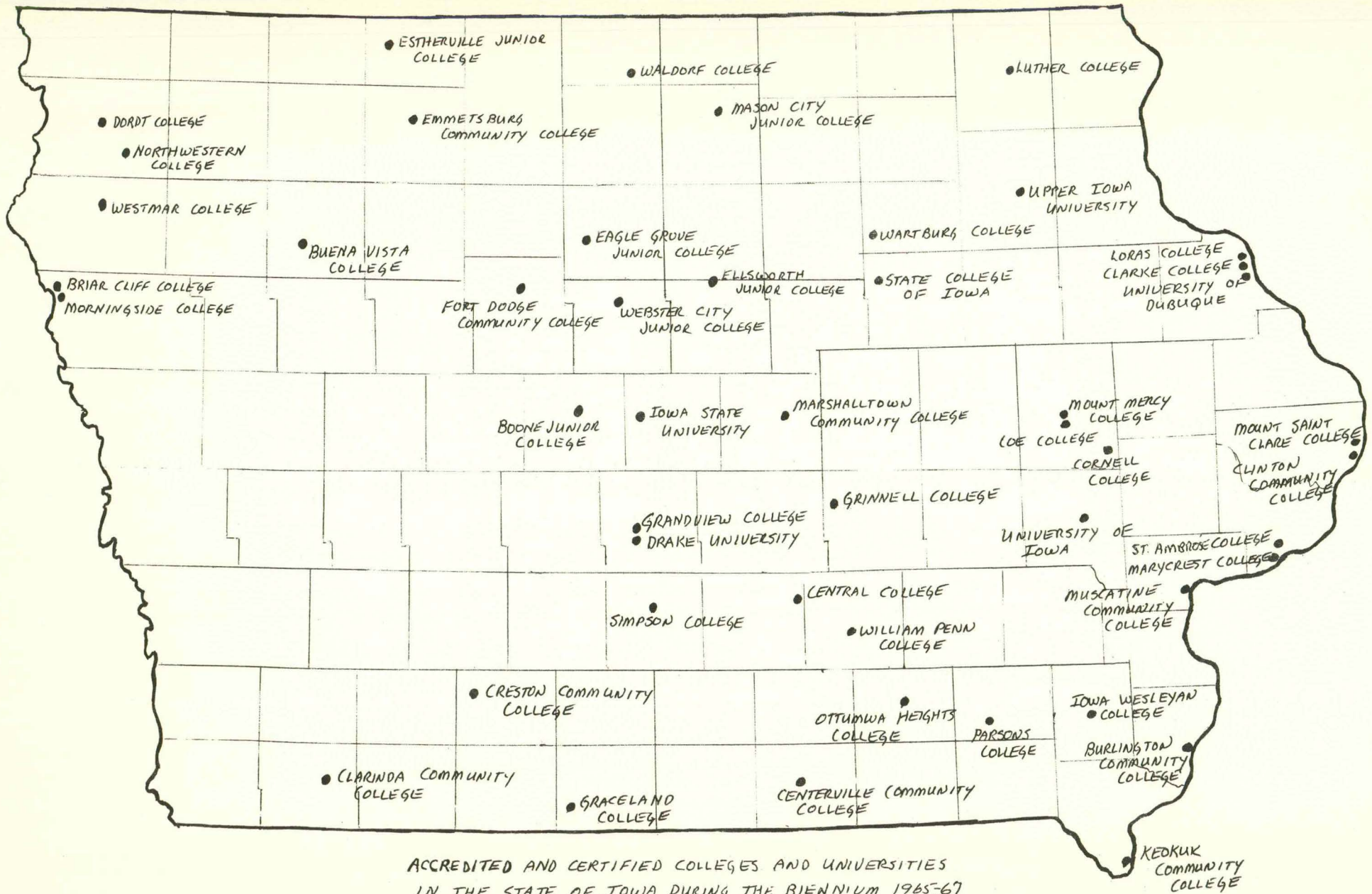
Budget		\$56,775.00*
Personnel and Contracted Services	\$28,805.81	
Other Administrative Expense	<u>15,194.23</u>	<u>44,000.04</u>
		\$12,774.96
Encumbrance (Iowa Cooperative Study of Post High School Education)		<u>11,236.63</u>
Unencumbered Balance		<u>\$ 1,538.33</u>

Fiscal Year Ended June 30, 1966

Budget		\$41,365.68
Payment of 1965 Encumbrance		<u>11,236.63</u>
		\$30,129.05**
Personnel and Contracted Services	\$15,594.80	
Other Administrative Expenses	<u>11,600.70</u>	<u>27,195.50</u>
Balance		<u>\$ 2,933.55</u>

*Initial appropriation made by the Congress through the U. S. Office of Education for the facilities program.

**The fiscal year 1966 federal allotment for Iowa was \$36,374.00 which, with the cash balance of June 30, 1965 of \$1,538.33, made a total of \$37,912.33. Effective April 1, 1966 the Commission approved a revised table of organization to accommodate newly assigned programs. This revision and the fact that originally budgeted positions could not be filled during the first three quarters account for the budget figure of \$30,129.05.



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