

Des Moines, Iowa
January 11-12, 1968

The State Board of Regents met in the Central Office of the State
Board of Regents, State Office Building, Des Moines, Iowa, on January 11-12, 1968.

Present:

Members of the State Board of Regents

Mr. Redeker, President	All sessions
Mr. Loss	All sessions
Mr. Louden	All sessions
Mr. Perrin	All sessions
Mr. Quarton	All sessions
Mr. Richards	All sessions
Mrs. Rosenfield	All sessions
Mr. Wallace	All sessions
Mr. Wolf	All sessions

Office of the State Board of Regents

Executive Secretary Richey	All sessions
Assistant Executive Secretary Dancer	All sessions
Secretary Rohn	All sessions

State University of Iowa

President Bowen	All sessions
Vice President Boyd	January 11
Vice President Jolliffe	All sessions
Director Strayer	All sessions

Iowa State University

President Parks	All sessions
Vice President Christensen	All sessions
Vice President Moore	All sessions
Vice President Hamilton	All sessions

University of Northern Iowa

President Maucker	All sessions
Vice President Lang	All sessions
Business Manager Jennings	All sessions
Director Holmes	All sessions

Iowa School for the Deaf

Superintendent Giangreco	January 11
Business Manager Geasland	January 11

Iowa Braille and Sight Saving School

Superintendent Hansen	January 11
Business Manager Berry	January 11

January 11-12, 1968

The Board met at 9:15 a.m., January 11, 1968, with President Redeker in the chair and Mr. Richey secretary of the meeting.

GENERAL OR MISCELLANEOUS

The following business relating to general or miscellaneous matters was transacted on January 11, 1968:

CORRECTION AND APPROVAL OF MINUTES. The minutes of the meeting the State Board of Regents held on December 14-15, 1967, were corrected and approved.

COMMITTEE ON EDUCATIONAL COORDINATION. Vice President Lang reported that a meeting had been held with Extension representatives; that a report was being compiled on Extension activities in the western part of the state which report would soon be presented to the Board for consideration.

INSTITUTIONAL BUDGETS - REPORT. President Bowen as Chairman of the Inter-institutional Committee on Budgets gave a progress report on activities of the committee and announced that the next meeting would be held at 10:00 a.m., February 6, State University of Iowa, at which time the committees within the group would submit reports.

COORDINATING COUNCIL FOR POST HIGH SCHOOL EDUCATION. President Bowen reported that the Council had been meeting once each month; that the next meeting would be held on February 1 in Ames at which time discussion would be held on the junior college system and current Federal programs. The group will meet in Ft. Dodge on March 7 and the tentative schedule sets the meetings to be held the first Thursday of each month.

January 11-12, 1968 General or miscellaneous

INSTITUTIONAL ROADS. Mr. Richey reported that the informal interinstitutional committee authorized by the Board to study and develop recommendations to the Board on legislation for institutional roads will be meeting in the near future.

TRAVEL ORDER. Authority was granted to request the Executive Council of Iowa to approve a travel order for David A. Dancer to attend a meeting on March 3-6, 1968, in Chicago, Illinois, of the National Conference on Higher Education, sponsored by the American Association for Higher Education, on "Stress and Campus Response".

APPOINTMENT. The permanent appointment of Inez R. Jolly as Secretary I at \$420 per month, effective January 1, 1968, was approved.

TERMINATION OF APPOINTMENT. The termination of the appointment of Barbara LaRue, Secretary I, effective January 31, 1968, was approved.

REPORT OF EXECUTIVE COUNCIL - PURCHASE OF PROPERTY. Mr. Richey reported that in seeking approval of the Executive Council for the purchase of a three-bedroom house and two acres of land adjoining the Ankeny research farm (Allen property) for \$14,500 to replace the housing facilities for a superintendent at the research farm, the Council deferred approval until an official opinion can be obtained from the Attorney General in answer to the following questions:

January 11-12, 1968 General or miscellaneous

1. Does the State of Iowa or its agencies such as the Board of Regents have the right to provide housing for certain of its employees such as resident superintendent?
2. Does the Executive Council have any voice or determination in the policy question as to the desirability of providing said housing for a state employee after said determination has been made by the affected board or commission?

and that following discussion of the matter with the Attorney General, assurance was given by him that if it appeared he might have to make a ruling adverse to interests of the Board of Regents, opportunity would be given to discuss the matter in detail with him and his staff before the final draft of his opinion.

NEXT MEETINGS. The next meetings of the State Board of Regents were scheduled as follows:

February 8-9, 1968	State University of Iowa	Iowa City
March 14-15, 1968	University of Northern Iowa	Cedar Falls
April 11-12, 1968	Iowa State University	Ames
May 9-10, 1968	Iowa School for the Deaf	Council Bluffs
June 13-14, 1968	State University of Iowa	Iowa City

January 12, 1968

The following business relating to general or miscellaneous matters was transacted on January 12, 1968:

MERIT SYSTEM - STATE BOARD OF REGENTS. Mr. Richey recommended that this item be deferred pending further study and work.

January 11-12, 1968 General or miscellaneous

IOWA MENTAL HYGIENE COMMITTEE. Mrs. Rosenfield reported that the following two motions were passed by the Iowa Mental Hygiene Committee on December 1, 1967:

1. "That the Mental Hygiene Committee support during the next session of the legislature a plan of finance wherein 20% of the mental health institutes' operating funds that are now appropriated from the general fund for property tax relief should be allocated to counties on a population basis for the development of mental health services and that the actual cost of operation of the four mental health institutes be charged back to the county at a rate of 100% cost rather than the 80% cost (including mentally retarded)".
2. "That the question of coordination of planning for mental health services in the state be referred to the Office of Planning for their study and recommendations to this committee. The intent is that we tabled the first motion because we felt we were not well enough informed and that we needed more information. The intent of this motion is that we ask them to secure more information for us."

January 11-12, 1968

IOWA SCHOOL FOR THE DEAF

The following business relating to the Iowa School for the Deaf was transacted on January 11, 1968:

REGISTER OF PERSONNEL CHANGES. The actions reported in the register of personnel changes at the Iowa School for the Deaf for the month of December, 1967, were approved and ratified.

REGISTER OF CAPITAL IMPROVEMENT BUSINESS TRANSACTIONS. Mr. Dancer reported that the register of capital improvement business transactions, Iowa School for the Deaf, for the month of December, 1967, had been filed with him and that it appeared to be in order, and the contract for Ceiling Repair in the High School Building awarded to Ford Engineering and Construction Co., Council Bluffs, Iowa, on the basis of that firm's low bid of \$10,175 by Executive Secretary Richey on December 19, 1967, as authorized by the Board on December 14, 1967.

President Redeker stated that if there were no objections the actions reported in the register of capital improvement business transactions, Iowa School for the Deaf, for the month of December, 1967, would be approved and the action of Mr. Richey in awarding and signing the contract with Ford Engineering and Construction Co. ratified. There were no objections.

HIGH SCHOOL BUILDING - CEILING REPAIR. On motion by Mr. Louden, seconded by Mr. Quarton and passed, the following revised project budget for Ceiling Repair in the High School Building was approved:

Estimated expenditures

General contract	\$10,175
Architect fees 8%	815
Contingency	<u>1,000</u>
	\$12,000

Source of funds*

On motion by Mr. Richards, seconded by Mr. Louden and passed, the following source of funds was approved:

Repairs, Replacements and Alterations	\$ 4,000
Uncommitted Capital funds, 62nd G.A.	<u>8,000</u>
	\$12,000

* Mr. Richey reported that the Executive Council denied his second request for emergency funds to finance this project.

ANNEXATION OF SCHOOL LAND BY CITY OF COUNCIL BLUFFS. Superintendent Giangreco reported that at a meeting of the Lewis Central Community School Board held January 8, 1968, protests were made to the annexation by people living in the area and as a result, Lewis Central tabled the matter, that he therefore recommended deferral.

SEWER TREATMENT FACILITIES - SETTLEMENT WITH BI-STATES CONSTRUCTION COMPANY.

Mr. Wolf moved that the School return to the School's attorneys, Acrea & Pearson, the proposed Compromise Settlement of Construction Contract and Release dated December 29, 1967, prepared by them, for redrafting to include language to the effect that the instrument represents a complete release for any and all claims that the Bi-States Construction Company has against the Iowa School for the Deaf or the State Board of Regents.

The motion was seconded by Mrs. Rosenfield and passed.

Mrs. Rosenfield moved that if there is a time factor involved in the settlement that Mr. Richards check and approve the redrafted Release and forward it to the Executive Secretary for signature.

The motion was seconded by Mr. Quarton.

Mrs. Rosenfield withdrew her motion with unanimous consent.

January 11-12, 1968 Iowa School for the Deaf

ESTABLISHMENT OF DRAINAGE SUB-DISTRICT. Mr. Richards moved that the Board direct the School to be represented at a hearing to be held at 1:30 p.m., January 22, 1968, in the Board room, Pottawattamie County Courthouse, Council Bluffs, Iowa, regarding the petition received on the proposed establishment of a drainage sub-district, and enter an objection to the inclusion of lands of the Iowa School for the Deaf in the proposed sub-district, informing the hearing that in the opinion of the State Board of Regents and Superintendent Giangreco, the land occupied by the Iowa School for the Deaf would not be subject to assessment.

The motion was seconded by Mr. Wallace and passed.

Mr. Wallace moved to amend the motion by adding "that the State Board of Regents was objecting because the inclusion of land of the Iowa School for the Deaf in the establishment of the proposed drainage sub-district would be of no benefit to the School."

The motion to amend was seconded by Mrs. Rosenfield and passed.

GYMNASIUM DRESSING ROOMS - 62ND G.A. On motion by Mr. Loudon, seconded by Mr. Loss and passed, approval was given to the preliminary plans prepared by Wetherell, Harrison and Wagner, Architects, Des Moines, Iowa, for the Gymnasium Dressing Rooms - 62nd G.A.

January 11-12, 1968

IOWA BRAILLE AND SIGHT SAVING SCHOOL

The following business relating to the Iowa Braille and Sight Saving School was transacted on January 11, 1968:

REGISTER OF PERSONNEL CHANGES. The actions reported in the register of personnel changes at the Iowa Braille and Sight Saving School for the month of December, 1967, were approved and ratified.

SERVICE BUILDING. Mr. Roy Newman of Stanley Consultants, Incorporated, Muscatine, Iowa, appeared before the Board to present the preliminary plans for the Service Building, Phase I, and a lay-out of the general campus plan.

Mr. Wolf moved that Phase I of the Service Building, the following project description and budget be approved, and specifically that Phase I includes approval of "a-b-c-d" under 1 as shown below with the understanding that the Board reserves the right to reconsider whether or not the space approved under "d" actually be used for a laundry, contemplating the building of "e" and "f" under Phase II; and that Stanley Consultants, Incorporated, Muscatine, be selected as architects to prepare final plans and specifications for "a-b-c-d" of Phase I and Superintendent Hansen authorized to negotiate a contract with Stanley for these services:

January 11-12, 1968 Iowa Braille and Sight Saving School

Project description:

Construction of new Service Building for:

- | | | |
|---|---|----------|
| a. Carpenter shop with storage area |) | |
| b. Plumbing shop with storage area |) | |
| c. Electrical shop with storage area |) | Phase I |
| d. Laundry - without equipment |) | |
| | | |
| e. Provisions for addition of garage and service area for state-owned vehicles (estimated \$40,000) |) | Phase II |
| f. Provisions for addition of relocated heating plant |) | |

Source of funds

Capital appropriations, 62nd G.A.	\$133,000
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Estimated expenditures

Construction costs	\$120,000
Architects' fees	8,000
Contingencies	5,000
	<u>\$133,000</u> *

* Does not include "e" and "f" above

The motion was seconded by Mr. Louden and, on roll call, the vote was as follows:

Aye: Loss, Louden, Perrin, Quarton, Richards, Rosenfield, Wallace, Wolf, and Redeker.

Nay: None.

The chairman declared the motion passed.

SERVICE BUILDING - LAUNDRY SURVEY. As requested by the Board at the December meeting, a survey was made to determine the advisability of continuing to do the laundry at the School, or to have it done commercially. Following in brief, are opinions received:

January 11-12, 1968 Iowa Braille and Sight Saving School

Olson Associates, Personnel Motivation Engineering, Oelwein

Best to continue to do own laundry.

L. A. Bradley, head of laundry, State University of Iowa and
consultant to American Hotel & Motel Association

Best be served by continuing own laundry.

Dr. Korson, in charge of laundry at Mental Health Hospital, Independence

Recently made study of own laundry and found it best to
continue operating their own.

City Laundering Company, Oelwein

Do laundry commercially and maintain own personnel to do ironing.

Reasons most given by those contacted for School to continue own laundry:

1. Distance factor, necessitating increased inventories of school linens and need for larger wardrobe of students.
2. Extensive hand ironing done by School too expensive to do commercially.
3. Can maintain better control on damages and losses.

The cost estimates on which Olson Associates based its recommendation were found to be in error.

January 11-12, 1968

STATE UNIVERSITY OF IOWA

The following business pertaining to the State University of Iowa was transacted on January 11, 1968:

REGISTER OF PERSONNEL CHANGES. The actions reported in the register of personnel changes at the State University of Iowa for the month of December, 1967, were approved and ratified.

RESIGNATION. The following resignation was accepted:

Edwin B. Allaire, Professor and Chairman, Department of Philosophy, College of Liberal Arts; effective September 1, 1968 with resignation as Chairman on February 1, 1968.

LEAVES OF ABSENCE. The following leaves of absence were approved:

Richard V. Bovbjerg, Professor, Department of Zoology, College of Liberal Arts and Director, Iowa Lakeside Laboratory; a leave of absence without salary for the period April and May, 1968, to participate as a staff member of the research vessel Te Vega in its cruise along the Pacific coast of South America and Central America.

Carroll B. Larson, Professor and Head, Department of Orthopedic Surgery, College of Medicine; a leave of absence for the period January 1, 1968 to December 31, 1968, to accept a position with the Shriner's Hospital for Crippled Children, Chicago, Illinois. Dr. Larson's salary, insurance programs and commutation fraction will be paid from funds by the Shriner's Hospital.

APPOINTMENT. The following appointment was approved:

James H. Christie, Professor (indefinite) and Head, Department of Radiology, College of Medicine; effective July 1, 1968 at a salary of \$20,000 plus 100% on \$17,500, and insurance programs on a 12-month basis.

CHANGE IN APPOINTMENT AND/OR SALARY. The following change in appointment and/or salary was approved:

Michael Bonfiglio, Professor, Department of Orthopedic Surgery, College of Medicine; appointment to be changed to Professor and Acting Head for the period January 1, 1968 to December 31, 1968 in the absence of Dr. Carroll B. Larson.

January 11-12, 1968 State University of Iowa

REGISTER OF CAPITAL IMPROVEMENT BUSINESS TRANSACTIONS. Mr. Dancer reported that the register of capital improvement business transactions, State University of Iowa, for the period December 7, 1967 through January 3, 1968, had been filed with him and that it appeared to be in order.

President Redeker stated that if there were no objections the actions reported in the register of capital improvement business transactions for the period December 7, 1967 through January 3, 1968, would be approved and ratified.

There were no objections.

ART BUILDING ADDITIONS WITHOUT EQUIPMENT, 60TH G.A. and 62ND G.A. - ART BUILDING REMODELING. On motion by Mr. Loudon, seconded by Mr. Loss and passed, the project named above, preliminary plans and budget were approved, and the University Architect's office selected as architect and inspection supervisor:

Project description. It is the first step in remodeling present Art Building. Work will include complete air conditioning using present duct system and installation of stairway and additional lighting for library.

Estimated expenditures

Planning and supervision	\$ 5,000
Construction	83,000
Contingencies	4,000
	<u>\$92,000</u>

Source of funds

This budget was included as a portion of the budget for Art Building Additions without Equipment - 60th G.A. and 62nd G.A. approved by Regents 12/9/66, and represents no increase in that budget.

January 11-12, 1968 State University of Iowa

MISCELLANEOUS PROJECTS - 62ND G.A. - PROJECT F, JEFFERSON BUILDING REMODELING.

Mr. Wolf moved that the project named above, preliminary plans and budget be approved, and the University Architect's office selected as architect and inspection supervisor:

Project description.

General building renovation

Upgrade electrical service with new service entrance and feeder lines to new distribution panels on each floor, new passenger elevator in shaft now used for service elevator, removal of water tank and hotel sign, replacement of hardware, fire alarm system and some heating system maintenance work.

Floor remodeling and renovation

Basement - remodeling only that end to be used for new electric service and separate that part of basement not used by tenants.

1st floor - construction of elevator lobby and segregating it from tenant space.

2nd floor - remodeling for main office of College of Education and two classrooms, work to consist of removal of partitions, erecting new partitions and new electrical system and lighting.

3rd floor - remodeling for Evaluation and Examination Services, work to consist of removal of some partitions, floor covering and new lighting system.

4th, 5th & 6th floors - remodeling for various departments of College of Education, work to consist of few partition changes, but complete new lighting system.

7th floor - for News Service, with some partition removal, construction of a dark room, photographer's work room, and complete new lighting system.

8th floor - for Purchasing Department, with some partition removal and complete new lighting system.

Equipment

Air conditioner units and carpeting to be purchased from former hotel operators.

January 11-12, 1968 State University of Iowa

Source of funds

Capital appropriation, 62nd G.A.

Estimated expenditures

Planning and supervision	\$ 14,000
Construction	248,600
Building equipment	21,560
Contingencies	<u>11,840</u>
	\$296,000

The motion was seconded by Mr. Quarton and carried, with Mr. Loudon passing.

WESTLAWN TRANSFORMERS - REPAIRS, REPLACEMENTS AND ALTERATIONS, 1967-68.

On motion by Mr. Wolf, seconded by Mr. Richards and passed, approval was given to allocate \$24,000 from 1967-68 Repairs, Replacements and Alterations funds for the purpose of replacing the transformers in the west section of Westlawn.

DORMITORY RATES - 1968-69. President Bowen stated that possibly this item should be deferred until next month, allowing time for more discussion.

Mr. Richards moved that the consideration of dormitory rates be held in March rather than in February. With unanimous consent, Mr. Richards withdrew the motion.

It was agreed that consideration of dormitory rates for 1968-69 be deferred until the February Board meeting. Officials from Iowa State University and the University of Northern Iowa are to study the impact, if any, of the proposed changes in board rates on their institutions.

EXECUTIVE SESSION. President Redeker stated that a recommendation had been made for an executive session and asked if there were any objections. There were none and the Board resolved itself into executive session at 2:45 p.m.

The Board rose from executive session at 5:25 p.m.

January 11-12, 1968

UNIVERSITY OF NORTHERN IOWA

The following business relating to the University of Northern Iowa was transacted on January 11, 1968:

REGISTER OF PERSONNEL CHANGES. The actions reported in the register of personnel changes at the University of Northern Iowa for the month of December, 1967 were approved and ratified.

LONG-RANGE CAMPUS DEVELOPMENT - REPORT. President Maucker stated that he had no recommendation to present at this time regarding selection of concept for campus development, but hoped to bring in a recommendation next month.

SABIN HALL RENOVATION - ARCHITECT. Approval was given to a contract between Brown, Healey and Bock, Architects, Cedar Rapids, Iowa, and the State Board of Regents for architectural services in connection with the Sabin Hall Renovation project, and the Executive Secretary authorized to sign the contract dated January 11, 1968.

CONTRACT - TODD, HEDEEN AND ASSOCIATES. On motion by Mr. Wallace, seconded by Mr. Loudon and passed, approval was given to enter into a contract with Todd, Hedeem and Associates, Engineers, Waterloo, Iowa, covering consultative services with a fee of 6% if selected to do specific projects, contract to run to June 30, 1969.

January 11-12, 1968 University of Northern Iowa

HEAT AND UTILITY SYSTEM, ADDITIONS AND IMPROVEMENTS - STEAM TUNNEL TO SITE OF NEW UNION BUILDING. On motion by Mr. Wallace, seconded by Mr. Louden and passed, the project named above, the following project description and budget were approved and authorization granted to employ Gilmor and Doyle, Waterloo, Iowa, to perform the engineering:

Project description. Construct new steam tunnel, install 10" high pressure steam main and 5" pumped condensate return main from the Heating Plant to site of new Union Building, with necessary vaults, tunnel extensions and appurtenances to tie into the Union Building and other existing tunnels in the area. Project necessitated because present steam service to original academic area of campus not adequate to serve additional buildings in area, existing tunnel is structurally unsound and is located in area of future expansion of Library Building.

Source of funds

62nd G.A. - Heat Distribution System		
Additions and Improvements	\$238,900	
Estimated Federal Grant - Title I,		
Educational Facilities Act	<u>67,000</u>	\$305,900

Estimated expenditures

Construction	\$270,755	
Engineering fees	16,245	
Contingencies	<u>18,900</u>	\$305,900

President Redeker requested that Gilmor and Doyle be asked to write the Board members explaining why they decided on a tunnel system instead of "buried utilities".

CHANGE ORDER - SCIENCE BUILDING, UNIT II. On motion by Mr. Wallace, seconded by Mr. Richards and passed, approval was given to Change Order No. 5 in the amount of \$29,193 to the contract with Henkel Construction Company, general contractor on the Science Building, Unit II project. (The change order provides for more seating and funds will come from the equipment budget of the Science Building.)

January 11-12, 1968 University of Northern Iowa

WELLS FOR COOLING SYSTEMS - ADMINISTRATION BUILDING, UNION BUILDING AND TOWERS DINING-LOUNGE UNIT. On motion by Mr. Perrin, seconded by Mr. Loss and passed, the project named above, the following project description and budget were approved and authorization granted to employ Todd, Hedeem and Associates, Waterloo, Iowa, to perform the engineering:

Project description. Drill three wells on campus at sites of Administration Building, Union Building and Towers Dining-Lounge Unit to provide cooling water for the air conditioning systems in each building and eliminate need for an outside cooling tower on roofs or adjacent to buildings. Pumping tests have been made under supervision of Iowa Geological Survey personnel and permission received from Iowa Natural Resources Council to drill test wells at locations indicated.

Source of funds

Addition to Administration Building	\$12,000
Student Union, Unit I	12,000
Towers Dining-Lounge Unit	12,000
	<u>\$36,000</u>

Estimated expenditures

Contract	\$31,450
Engineering	1,887
Physical Plant Work	500
Contingencies	2,163
	<u>\$36,000</u>

REGISTER OF CAPITAL IMPROVEMENT BUSINESS TRANSACTIONS. Mr. Dancer reported that the register of capital improvement business transactions, University of Northern Iowa, for the month of December, 1967, had been filed with him and that it appeared to be in order.

President Redeker stated that if there were no objections the actions reported in the register of capital improvement business transactions for the month of December, 1967, would be approved and ratified.

There were no objections.

January 11-12, 1968

IOWA STATE UNIVERSITY

The following business pertaining to the Iowa State University was transacted on January 12, 1968:

REGISTER OF PERSONNEL CHANGES. The actions reported in the register of personnel changes at the Iowa State University for the month of December, 1967, were approved and ratified.

LEAVE OF ABSENCE. The following leave of absence without pay was granted:

Marjorie S. Garfield, Professor and Head, Department of Applied Art, College of Home Economics, from July 1, 1968 through July 31, 1968, for creative art work.

CHANGE IN APPOINTMENT. The following change in appointment was approved:

Robert S. Hansen from distinguished professor in Sciences and Humanities, and Chairman, Department of Chemistry, College of Sciences and Humanities, and Chief, Chemistry Division, Institute for Atomic Research, to distinguished professor in Sciences and Humanities, and Director of the Institute for Atomic Research and of the Ames Laboratory of the United States Atomic Energy Commission, effective July 1, 1968, salary \$32,000, twelve months' basis, plus annuity.

FIELDHOUSE-AUDITORIUM (COLISEUM). Mr. Loudon moved that the revised project, project description, preliminary plans and budget for the Fieldhouse-Auditorium (Coliseum) be approved, with the understanding that the preliminary plans have already been approved by John Ringland, Engineer, of Des Moines, appointed by the Board of Governors, Iowa State University Foundation:

Project description. The Fieldhouse-Auditorium is the second unit of the Iowa State Cultural Center. The first unit, the Theatre-Auditorium, now under construction, is being financed almost wholly from gifts and contributions to the Iowa State University Foundation. This second unit is proposed to be financed by means of a bond issue supported by the Student Building Fee, supplemented by funds of the Foundation. The third and fourth units,

January 11-12, 1968 Iowa State University

the Continuing Education Building and the Little Theatre, are proposed to be financed primarily by the Iowa State Foundation with the possibility of supplementation from State funds in the case of the Continuing Education facility. The Iowa State Center as a whole represents more than ten years of planning on the part of the Iowa State Foundation, a non-profit corporation organized to receive and administer gifts and grants from alumni, industry, and other friends of the University.

The Fieldhouse-Auditorium is designed to accommodate such events as convocations, commencement ceremonies, all-University student activities, large assemblages of students, guests and others in connection with musical productions, lectures, concerts, field day programs, continuing education, short courses, displays and similar activities. Among the all-University student activities would be included such well-known events as "Stars Over Veishea," which last year played to approximately 25,000 people in four performances held in the Armory, and the production known as the "Christmas Festival of Music." In addition to events of this type, the Fieldhouse-Auditorium will accommodate indoor athletic events such as basketball, ice hockey and ice shows.

The structure will be approximately 387' x 302' in plan and approximately 85' in height above present ground level. It will have a permanent seating capacity of approximately 12,400 and will be equipped with individual seats, not bleachers. Additional retractable bleachers will be provided to bring the seating capacity to approximately 13,900.

The ground floor level will provide the main playing floor, the ice rink, locker, shower and dressing rooms, mechanical equipment rooms, storage, first aid station, vending equipment area and public toilets. This floor will be excavated to a level about six feet below existing grade and protected from possible high water by earth fill completely surrounding the building. A portion of the ground floor will be unexcavated. The second level, about seven feet above existing grade, will provide general offices, ticket facilities, four meeting rooms and storage areas. The third level will provide the main lobby and concourse with two ticket areas, four concession areas and four public toilet rooms. Entrances to the lobby and concourse will be at the north, the west and the south. The west entrance will be directly from an elevated walkway extending past the Theatre to Beach Avenue. Entrance to the permanent seating will be directly from the concourse level and patrons will proceed up or down to the permanent seats. The fourth level, under the upper bank of seats, will accommodate mechanical equipment required for heating, ventilating and cooling.

Stage facilities will be provided by means of a removable platform with an overhead grid to serve the lighting and curtain requirements. Two elevators will be provided. Air conditioning will be provided except in the ground floor locker and storage areas which will be adequately ventilated.

January 11-12, 1968 Iowa State University

Basically the structure will be constructed of concrete, consisting of poured-in-place concrete columns with side and end walls of precast concrete panels. All interior walls will be of concrete, concrete block, or glazed tile. The roof will consist of a steel truss system supporting a metal roof decking covered with insulation and built-up roofing. Acoustical insulation will be provided at the ceiling. Stairs and ramps will be of concrete construction with non-slip carborundum surfacing.

The project will include the construction of surfaced parking lots to accommodate approximately 3,000 vehicles. The budget will also include a number of items of special equipment as indicated. The ice floor may be bid as an alternate and if funds are not available, it will be deferred to a later date.

The plans are scheduled for completion in April or May, with bid letting in June or July, 1968.

Source of funds

Sale of revenue bonds

Estimated expenditures (Based on construction estimates received 11/17/67)

Construction contracts		\$ 5,640,000 (1)
Architect/Engineer fees		160,000 (2)
Drives, parking lots and walks		1,150,000
Landscaping		80,000
Utilities extensions, Theatre to Fieldhouse-Auditorium		50,000
Equipment:		
Basketball floor	\$20,000	
Sound system	25,000	
Scoreboards	20,000	
Stage	12,000	
Elevators	(25,000) (3)	
Lockers	(5,000) (3)	
Stage Equipment	20,000	
Stage lighting	45,000	
Transformers	40,000	
Vending equipment	() (4)	
Ice floor	150,000	
Retractable bleachers with seats	122,000	
Folding chairs	<u>12,000</u>	466,000
Construction contingencies		<u>250,000</u>
		\$ 7,796,000
Less estimated refund of sales and use tax		<u>71,000</u>
Estimated construction costs		\$ 7,725,000
Interest during construction, legal, fiscal, and administrative costs		<u>125,000</u>
TOTAL ESTIMATED PROJECT COST		\$ 7,850,000

January 11-12, 1968 Iowa State University

(1) Costs estimated by Brooks-Borg-Skiles and Crites and McConnell, Architects, and verified by John Ringland, Consulting Engineer:

General construction	\$ 4,183,138
Mechanical work	877,000
Electrical wiring	272,000
Seating	308,000
Total estimated contracts	<u>\$ 5,640,138</u>

(2) \$7,336,000 x 6%	\$ 440,160
Less paid to date by ISU	
Foundation	<u>-288,000</u>
Estimated balance due Architects	152,160
Consultant fees, estimated	<u>7,840</u>
Estimated fees, balance due	\$ 160,000

(3) Included in (1)

(4) By concessionaire

The motion was seconded by Mr. Wallace and, on roll call, the vote was as follows:

Aye: Loss, Louden, Perrin, Quarton, Richards, Rosenfield,
Wallace, Wolf, Redeker.

Nay: None.

Absent: None.

The chairman declared the motion passed.

SCIENCE BUILDING ADDITION NO. 2 (62ND G.A.). Vice President Moore reported that Title I and Title II, Higher Education Facilities Act, applications for funds to finance the Science Building Addition No. 2, 62nd G.A. are being prepared for submission to the U. S. Office of Education.

OAK-ELM HALLS PLUMBING REMODELING. On motion by Mr. Louden, seconded by Mr. Perrin and passed, the project named above, project description and budget were approved, and authority granted to negotiate a contract for architectural and engineering services with Brooks Borg and Skiles, Des Moines, Iowa:

January 11-12, 1968 Iowa State University

Project description. Replacement of steel shower and toilet partitions and shower units with terrazzo receptors, marble stalls and ceramic materials to eliminate further ferrous deterioration, and necessary floor and piping replacement.

Source of funds

Dormitory Improvement Fund	\$ 59,000
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Estimated expenditures

Replacement of 49 shower and dressing compartments	\$ 37,000
Replacement of piping services	6,000
Floor and wall replacement and waterproofing	8,500
Architects, engineers and supervision	3,000
Contingencies and miscellaneous	4,500
	<u>\$ 59,000</u>

REGISTER OF CAPITAL IMPROVEMENT BUSINESS TRANSACTIONS. Mr. Dancer reported that the register of capital improvement business transactions, Iowa State University, for the period December 9, 1967 through January 4, 1968, had been filed with him and that it appeared to be in order.

President Redeker stated that if there were no objections the actions reported in the register of capital improvement business transactions for the period December 9, 1967 through January 4, 1968, would be approved and ratified.

There were no objections.

WILL CONTEST - ROYAL H. BOICE. In connection with the pending will contest in the estate of Royal H. Boice, Mr. Richards moved that if after President Parks and special counsel to Iowa State University consider that Cause #13196 Stipulation in the District Court in and for Chickasaw County, Iowa, is a proper one that the Executive Secretary of the State Board of Regents be authorized to sign the Stipulation on behalf of the Board without it again

January 11-12, 1968 Iowa State University

coming before the Board.

The motion was seconded by Mr. Wallace and, on roll call, the vote was as follows:

Aye: Loss, Louden, Perrin, Quarton, Richards, Rosenfield,
Wallace, Wolf, and Redeker.

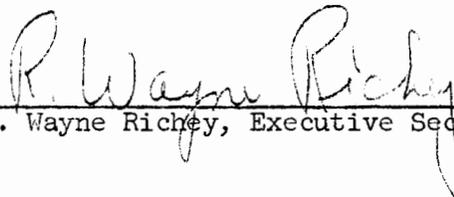
Nay: None.

Absent: None.

The chairman declared the motion passed.

HEATING PROBLEMS. Mr. Wayne Moore delivered a detailed report concerning the heating problems in certain dormitory halls and indicated that every effort was being made to correct the problems.

ADJOURNMENT. President Redeker adjourned the meeting at 10:55 a.m.,
January 12, 1968.



R. Wayne Richey, Executive Secretary