

1971

Industrial Arts Facilities in Twenty State Colleges or Universities

Harold L. Street

Let us know how access to this document benefits you

Copyright ©1971 Harold L. Street

Follow this and additional works at: <https://scholarworks.uni.edu/gswork>

DEPARTMENT OF
INDUSTRIAL TECHNOLOGY
University of Northern Iowa
Cedar Falls, Iowa 50614-0178

INDUSTRIAL ARTS FACILITIES IN TWENTY

STATE COLLEGES OR UNIVERSITIES

(Former Teachers Colleges)

Under the Direction of

Dr. Howard O. Reed

by

Harold L. Street
Research 33:299

January 20, 1971

The writer is grateful to the following persons for their help in this research:

Dr. Howard O. Reed, Head,
Department of
Industrial Arts and Technology
University of Northern Iowa
Cedar Falls, Iowa 50613

Dr. Gordon Rhum,
Dean of the Graduate College
University of Northern Iowa
Cedar Falls, Iowa 50613

The Heads or Chairmen of Industrial
Arts departments at the schools
included in this research who have
made this study possible.

TABLE OF CONTENTS

INTRODUCTION	1
REASON FOR STUDY	1
STATE-BY-STATE ANALYSIS.	2
Illinois.	2
Minnesota	3
Missouri.	4
South Dakota.	4
Nebraska.	5
Wisconsin	5
Iowa.	5
OVER-ALL ANALYSIS.	6
APPENDIX A	8
APPENDIX B	11
APPENDIX C	15

This research is a study of industrial arts facilities at several state colleges and universities in states adjacent to Iowa. The study is a comparison of facilities from a monetary standpoint. A questionnaire was prepared concerning when the facilities were constructed, the cost, money spent for new equipment, size of facilities in square feet, along with several other questions.

There has been growing concern by some members of the Department of Industrial Arts and Technology, University of Northern Iowa, that the facilities are lacking. If a quality educational program is to continue, something should be done to improve the facilities. Several former teacher colleges in neighboring states have built new industrial arts facilities over the past few years, indicating other schools have been expanding and improving their layouts. This study was designed to gather some basic information so a comparison could be made to see how well the industrial arts department at the University of Northern Iowa compared with other schools.

Questionnaires were sent to colleges or universities chosen on the basis of their being former State Teacher Colleges. To keep the comparison valid, a common geographic location was used which included the states of Minnesota, Wisconsin, Illinois, Missouri, Nebraska, and South Dakota. The schools which are comparable in location and states do

vary in size with some being larger, some smaller, and others equal to UNI.

The survey covered such questions as cost of equipment and buildings, when the buildings were constructed, year of construction and occupancy, whether or not the building was shared with other departments, total square footage, and square footage utilized by industrial arts. Also included, were questions as to the number of graduate students and number of full-time faculty. A copy of the questionnaire and the cover letter is included in Appendix A.

Of the thirty questionnaires mailed, twenty-three were completed and returned. Two of the twenty-three completed questionnaires, were from schools which did not compare with the University of Northern Iowa, and one could not be identified. This left twenty schools represented in the survey.

State-by-state analysis of the data obtained may be made with an adequate amount of accuracy for some, and others may give the wrong impression because of incomplete data for all the schools in the state. In a few cases, the department did not have the information available to answer all questions.

ILLINOIS:

Six questionnaires were sent out, five were returned. One of the returned questionnaires was incomplete. Four of the departments have had new buildings during the '60s (Carbondale, 1963; Normal, 1964; Macomb, 1965; and Charleston, 1969. DeKalb, using the oldest building, has made a \$70,000 addition, but year of construction was not available.) Three

of the departments have partial air conditioning, and one has full air conditioning.

Of the twenty institutions involved in the study, Illinois ranked 1st, 6th, 8th, and 12th as to area in square feet used for industrial arts. Sizable amounts of money were spent for new equipment when the buildings were occupied, which should indicate that they have some very good facilities. A large number of graduate students also, should be an indication of above-average facilities.

MINNESOTA:

Minnesota had 100% return of the questionnaires. These departments have fairly new buildings, all having been built during the first half of the 1960's. Moorhead was most outstanding of the four Minnesota departments, with a \$2,000,000 building in 1965, and a \$500,000 addition in 1970. The area for their industrial arts was not available, but the building is shared with chemistry and physics.

From the information received, Mankato would seem to have the most problems. Not so much from the fact that they have the oldest buildings, but because they have eight shop-labs and a lecture room, and only 5,250 square feet of space. This would indicate the shop-labs may be over-crowded. The square footage for industrial arts at the other Minnesota schools seems to be adequate with the information from Moorhead not available.

The survey indicates that Minnesota schools, with the exception of Mankato, have adequate facilities to offer an

effective industrial arts program.

MISSOURI:

Missouri had an 80% return with four of the five departments returning the questionnaire. Cape Gerardeau has the oldest building of the twenty institutions contacted, having been build in 1904 and used for manual training. A \$90,000 addition in 1963 should have helped the situation there very much.

Kirksville and Maryville both have new facilities, with occupancy in 1970 and 1969 respectively. Maryville is constructing a \$100,000 addition (1971). The four reporting departments ranked 3rd, 7th, 9th and 13th in square footage for industrial arts. The number of shop-labs and lecture rooms would seem to be very adequate except for Cape Gerardeau, which has seven shop-labs, but no lecture rooms. As a state, their industrial arts facilities would appear to be very adequate for a quality education in industrial arts.

SOUTH DAKOTA:

From South Dakota, only two of the five departments returned the questionnaire, so it is difficult to report on the state as a whole. The two reporting, Spearfish amd Madison, did not look too impressive. They ranked 18th and 19th for year of occupancy of present buildings, and 18th and 19th in square footage for industrial arts. They very likely would have ranked 19th and 20th in square footage if figures had been available from other departments.

It seems the facilities of these two departments leave much to be desired.

NEBRASKA:

Nebraska is much like South Dakota in that only half of the departments returned the questionnaires. Chadron has the most recent facility of the twenty, with construction of a \$1,400,000 building to be completed in 1971. With 45,000 square feet, they should have adequate space for their needs.

Kearney has one of the older buildings, but they do have nine shop-labs and three lecture rooms in their 25,676 square feet. From the information received, these two schools would appear to have adequate facilities if they have the equipment.

WISCONSIN:

Platteville is the only school in Wisconsin to be included, and from the information obtained, they have very good facilities. In 1969, they constructed a \$4,300,000 building with 117,000 square feet for industrial arts. New equipment purchases totaled \$1,019,000, putting the department in excellent shape. They have eighteen shop-labs and six lecture rooms, with 50% air conditioning. From the information obtained, Platteville would seem to have the best facilities of the twenty colleges or universities in the study.

IOWA:

Cedar Falls does not show up in the study as having

very adequate facilities. Ranked 15th as to occupancy of its present building, to which an addition of \$44,400 was made in 1961, bringing the total square footage for industrial arts to 12,488, which is 15th in rank. This rank probably would have been lowered by two if all departments had reported area figures.

Cost of new equipment at the time the building was occupied, was about \$30,000 which is very low compared with other schools, and the value of old equipment transferred was not high -- about \$54,500.

Cedar Falls is similar to Platteville in that it is the only school in the state in this category. Here the similarity ends, since Platteville has far superior facilities. Cedar Falls will have an addition of about 5,500 square feet when automotives moves to the Erickson Garage. This was not included in the survey because of the indefinite date for transfer.

An overall analysis indicates Platteville has the best facilities, however. This department seems to be at the top of the list in about every area indicated. The next three or four departments would be difficult to list in any order, but would include Macomb, DeKalb, Normal, Moorhead, Maryville, and Kirksville.

At the other end of the list would be Madison and Spearfish. The next three, in no particular order, would be Cedar Falls, Mankato, and Cape Gerardeau. All of these seem to be lacking in several areas, but especially so in the area of

space. This could also indicate that more equipment would be needed.

A summary of all data collected can be found in Appendix B. A map with the approximate locations and important information appears in Appendix C.

APPENDIX A



UNIVERSITY OF NORTHERN IOWA · Cedar Falls, Iowa 50613

Department of
Industrial Arts and Technology

October 29, 1970

Dr. Marlowe E. Wegner, Chairman
Industrial Arts Department
Moorhead State College
Moorhead, MN 56560

Dear Dr. Wegner:

I am a graduate student in Industrial Arts and Technology here, and am doing a research project under the guidance of Dr. Howard O. Reed, Head of the department. I would appreciate your completing the enclosed questionnaire and returning it in the envelope provided.

Your cooperation on this project will be appreciated.

Sincerely,

Harold L. Street

Enclosure

QUESTIONNAIRE to obtain information about college Industrial Arts facilities. Prepared by Harold L. Street, Graduate student and temporary instructor at University of Northern Iowa, Cedar Falls.

1. In what year was your building constructed? _____
2. Cost of the building \$ _____
3. In what year did industrial arts occupy this building? _____
4. Has there been a substantial addition to or remodeling of your building for industrial arts? If so, what year? _____
At a cost of: \$ _____
5. Cost of equipping your building:
 - A. New equipment \$ _____
 - B. Old equipment transferred to new building: \$ _____
6. Is your building shared with other departments? Yes ___ No ___
A. If so, which ones? _____
7. Size of building in square feet: _____
A. If building is shared with another department, how many square feet for industrial arts: _____
8. How many graduate students are enrolled at present:

Full time _____	Part time _____
(10 hours or more)	
9. What special study space is provided for graduate students:

A. Private office _____	C. Study area for _____
B. Office for 2 or 3 _____	4 or more _____
	D. No special area _____
10. Number of full time faculty or equivalent, in industrial arts: _____
11. Number of classrooms available:

A. Shop-laboratories _____	B. Lecture _____
----------------------------	------------------
12. Is your industrial arts building air conditioned?
Yes _____ No _____ Partially _____
13. If you have a brochure, dedication program, or other duplicated material available about your building, will you please enclose a copy? Thank you.

APPENDIX B

INDUSTRIAL ARTS FACILITIES

In Twenty State Colleges or Universities
(formerly State Teachers Colleges)

	BUILDINGS						
	<u>Built</u>	<u>Occu- pied</u>	<u>Rank</u>	<u>Cost</u>	<u>Rank</u>	<u>Year</u>	<u>Major Additions Cost</u>
BEMIDJI							
State College	1965	1965	7.5	\$ 630,000	13		
CAPE GERARDEAU							
N. E. Missouri State College	1904	1904	20	20,000	15	1963	\$ 90,000
CARBONDALE							
Southern Ill. Univ.	1963	1963	11.5	n. a.			50,000
CEDAR FALLS							
Univ. Northern Iowa	1948	1949	16	416,000	14	1961	44,400
CHARDON							
Chadron St. College	1970	1971	1	1,400,000	6		
CHARLESTON							
East Ill. Univ.	1967	1968	5	n. a.			
DeKALB							
North. Ill. Univ.	1928	1928	17	n. a.		yes	70,000
KEARNEY							
Kearney St. College	1954	1955	15	750,000	11		
KIRKSVILLE							
N. E. Missouri State College	1969	1970	2	1,250,000	7		
MACOMB							
Western Ill. Univ.	1965	1965	7.5	3,500,000	2		
MADISON							
Dakota State Coll.	1917	1924	19	n. a.			
MANKATO							
Mankato State Coll.	1960	1960	13	800,000	9		
MARYVILLE							
N. W. Missouri State College	1969	1969	3.5	750,000	11	1971	100,000
MOORHEAD							
Moorhead St. College	1965	1965	7.5	2,000,000	3	1970	500,000
NORMAL							
Ill. State Univ.	1964	1964	10	1,750,000	4		
PLATTEVILLE							
Wisc. State Univ.	1969	1969	3.5	4,300,000	1		
SAINT CLOUD							
St. Cloud St. College	1963	1963	11.5	1,000,000	8		
SPEARFISH							
Black Hills St. Coll.	1925	1925	18	n. a.		1969	10,000
WARRENSBURG							
Central Mo. St. Coll.	1958	1958	14	1,500,000*	5	1966	Incl.*
WINONA							
Winona St. College	1964	1965	7.5	750,000	11		

INDUSTRIAL ARTS FACILITIES

13

Continued

	<u>SQUARE FOOTAGE</u>		<u>Rank</u>	<u>Shared with</u>	<u>Shop- Labs</u>	<u>Lect. Rms.</u>	<u>Air- cond.</u>
	<u>Build- ing</u>	<u>Indus. Arts</u>					
BEMIDJI							
State College	31,680	28,000	10	Art	9	2	No
CAPE GERARDEAU							
N. E. Missouri State College	13,759	13,759	14		7	0	Part.
CARBONDALE							
Southern Ill. Univ.	n. a.	n. a.		Eng. & Tech.	n.a.	n.a.	n.a.
CEDAR FALLS							
Univ. North. Iowa	30,646	12,488	15	Art and Safety Ed.	7	1	No
CHADRON							
Chadron St. College	62,000	45,000	4.5	Home Econ.	9	2	Yes
CHARLESTON							
East Ill. Univ.	82,548	39,500	8	Prof. Educ. Home Econ.	7	3	Part.
DeKALB							
North. Ill. Univ.	900,000	900,000	1		14	4	Part.
KEARNEY							
Kearney St. Coll.	62,875	25,676	11	Bus. & Home Ec.	9	3	Part.
KIRKSVILLE							
N. E. Missouri State College	34,000	32,000	9	Agr. Safety Ed.	11	6	Yes
MACOMB							
Western Ill. Univ.	36,200	21,418	12	Agr. Home Ec.	16	5	Part.
MADISON							
Dakota State Coll.	8,000	4,000	17	Girls P. E.	4	1	No
MANKATO							
Mankato State Coll.	10,500	5,250	16	Math.	8	1	Part.
MARYVILLE							
N. W. Missouri State College	50,000	50,000	3		16	9	Yes
MOORHEAD							
Moorhead St. Coll.	n. a.	n. a.		Chem. Physics	10	3	Yes
NORMAL							
Ill. State Univ.	83,000	43,000	6	Home Ec., Agr., Business	14	4	Yes
PLATTEVILLE							
Wisc. State Univ.	127,000	117,000	2	Agr. Eng.	18	6	50%
SAINT CLOUD							
St. Cloud St. Coll.	55,000	45,000	4.5	Art, Tech.	11	4	No
SPEARFISH							
Black Hills St. Coll.	n. a.	2,000	18	Educ. & Bus.	4	1	No
WARRENSBURG							
Central Mo. St. Coll.	60,000	40,000	7	Art & Home Ec.	18	16	Part.
WINONA							
Winona St. Coll.	31,000	20,000	13	Art	6	2	No

INDUSTRIAL ARTS FACILITIES

14

Continued

	Graduate Students		Office Space	Full-time Faculty or Equiv.	EQUIPMENT	
	Full Time*	Part Time			New	Transferred
BEMIDJI						
State College	5	15	B	12	\$ 42,000	n. a.
Cape Gerardeau						
N. E. Missouri State College	0	12	A	7	100,000	\$ 5,000
CARBONDALE						
Southern Ill. Univ.					200,000	50,000
CEDAR FALLS						
Univ. North. Iowa	4	7	B-GA	10.5	30,000	54,500
CHADRON						
Chadron St. College				4	150,000	n. a.
CHARLESTON						
Eastern Ill. Univ.	10	5	B,C	9	125,000	75,000
DeKALB						
North. Ill. Univ.	10	280	B	25	700,000	n. a.
KEARNEY						
Kearney St. Coll.	2	14	NA	9	50,000	10,000
KIRKSVILLE						
N. E. Missouri State College	8	12	A,C	10	200,000	75,000
MACOMB						
Western Ill. Univ.	7	56	B	16	125,000	250,000
MADISON						
Dakota State Coll.				2	80,000	n. a.
MANKATO						
Mankato State Coll.	3	30	NA	8.5	10,000	20,000
MARYVILLE						
N. W. Missouri State College	4	15	B	10	40,000	n. a.
MOORHEAD						
Moorhead St. Coll.	4	35	A	8	100,000	200,000
NORMAL						
Ill. State Univ.	23	60	NA	27	80,000	20,000
PLATTEVILLE						
Wisc. State Univ.	15	25	B-GA	23	1,019,000	50,000
SAINT CLOUD						
St. Cloud St. Coll.	2	55	B	13	100,000	150,000
SPEARFISH						
Black Hills St. Coll.			NA	4	7,000	n.a.
WARRENSBURG						
Central Mo. St. Coll.	9	50	C	30	200,000	500,000
WINONA						
Winona St. Coll.	4	15	NA	7	40,000	n.a.

* 10 hours or more
A - Private office
B - Office for 2 or 3

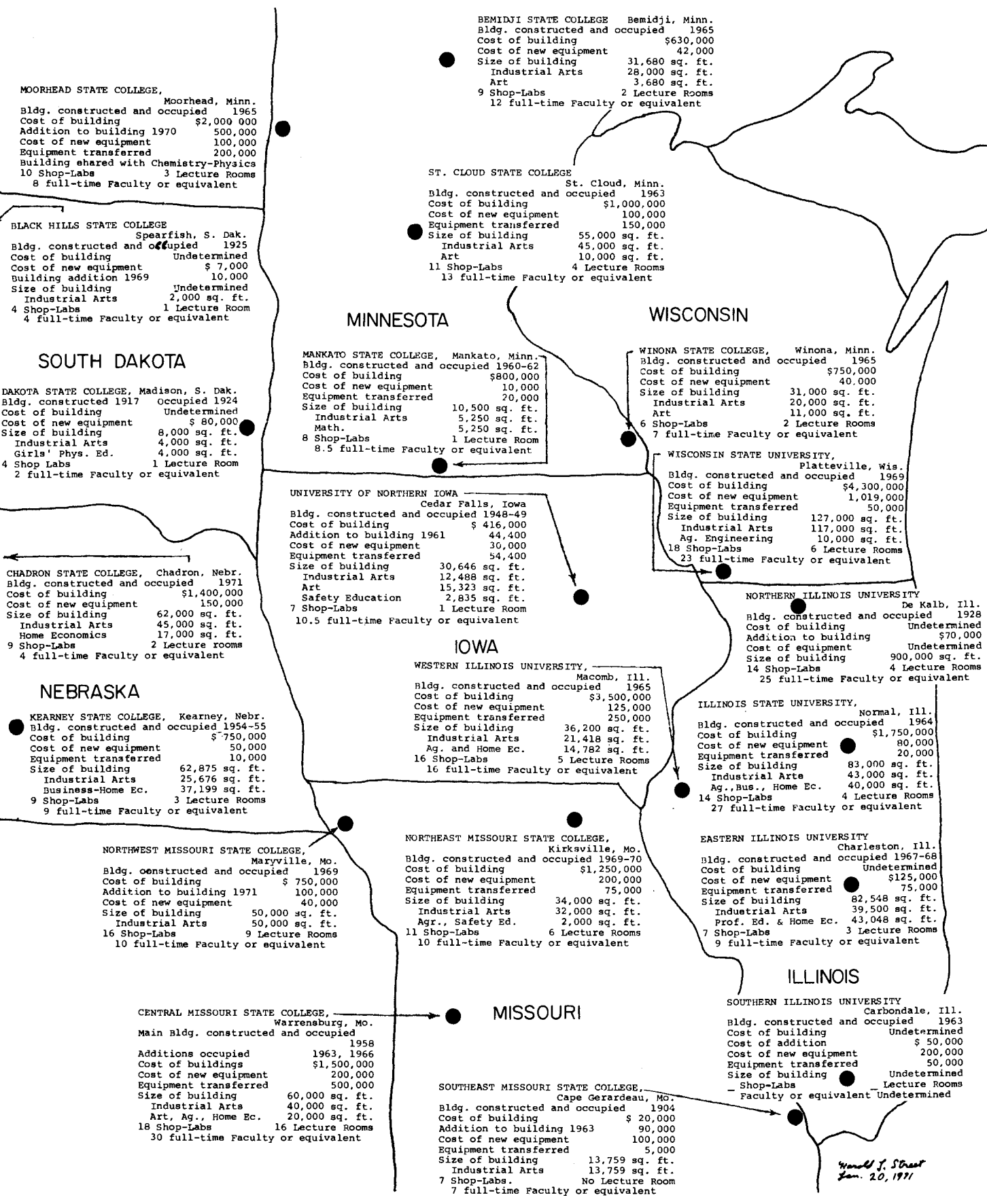
C - Study area for 4 or more
NA - No special area
GA - Graduate Ass't only

APPENDIX C

STATE COLLEGES OR UNIVERSITIES

(FORMER TEACHERS COLLEGES)

UNIVERSITY CENTER



MOORHEAD STATE COLLEGE,
Moorhead, Minn.
Bldg. constructed and occupied 1965
Cost of building \$2,000,000
Addition to building 1970 500,000
Cost of new equipment 100,000
Equipment transferred 200,000
Building shared with Chemistry-Physics
10 Shop-Labs 3 Lecture Rooms
8 full-time Faculty or equivalent

BEMIDJI STATE COLLEGE Bemidji, Minn.
Bldg. constructed and occupied 1965
Cost of building \$630,000
Cost of new equipment 42,000
Size of building 31,680 sq. ft.
Industrial Arts 28,000 sq. ft.
Art 3,680 sq. ft.
9 Shop-Labs 2 Lecture Rooms
12 full-time Faculty or equivalent

ST. CLOUD STATE COLLEGE St. Cloud, Minn.
Bldg. constructed and occupied 1963
Cost of building \$1,000,000
Cost of new equipment 100,000
Equipment transferred 150,000
Size of building 55,000 sq. ft.
Industrial Arts 45,000 sq. ft.
Art 10,000 sq. ft.
11 Shop-Labs 4 Lecture Rooms
13 full-time Faculty or equivalent

BLACK HILLS STATE COLLEGE
Spearfish, S. Dak.
Bldg. constructed and occupied 1925
Cost of building Undetermined
Cost of new equipment \$7,000
Building addition 1969 10,000
Size of building Undetermined
Industrial Arts 2,000 sq. ft.
4 Shop-Labs 1 Lecture Room
4 full-time Faculty or equivalent

MINNESOTA

MANKATO STATE COLLEGE, Mankato, Minn.
Bldg. constructed and occupied 1960-62
Cost of building \$800,000
Cost of new equipment 10,000
Equipment transferred 20,000
Size of building 10,500 sq. ft.
Industrial Arts 5,250 sq. ft.
Math. 5,250 sq. ft.
8 Shop-Labs 1 Lecture Room
8.5 full-time Faculty or equivalent

WISCONSIN

WINONA STATE COLLEGE, Winona, Minn.
Bldg. constructed and occupied 1965
Cost of building \$750,000
Cost of new equipment 40,000
Size of building 31,000 sq. ft.
Industrial Arts 20,000 sq. ft.
Art 11,000 sq. ft.
6 Shop-Labs 2 Lecture Rooms
7 full-time Faculty or equivalent

SOUTH DAKOTA

DAKOTA STATE COLLEGE, Madison, S. Dak.
Bldg. constructed 1917 occupied 1924
Cost of building Undetermined
Cost of new equipment \$80,000
Size of building 8,000 sq. ft.
Industrial Arts 4,000 sq. ft.
Girls' Phys. Ed. 4,000 sq. ft.
4 Shop Labs 1 Lecture Room
2 full-time Faculty or equivalent

WISCONSIN STATE UNIVERSITY, Platteville, Wis.
Bldg. constructed and occupied 1969
Cost of building \$4,300,000
Cost of new equipment 1,019,000
Equipment transferred 50,000
Size of building 127,000 sq. ft.
Industrial Arts 117,000 sq. ft.
Ag. Engineering 10,000 sq. ft.
18 Shop-Labs 6 Lecture Rooms
23 full-time Faculty or equivalent

UNIVERSITY OF NORTHERN IOWA
Cedar Falls, Iowa
Bldg. constructed and occupied 1948-49
Cost of building \$416,000
Addition to building 1961 44,400
Cost of new equipment 30,000
Equipment transferred 54,400
Size of building 30,646 sq. ft.
Industrial Arts 12,488 sq. ft.
Art 15,323 sq. ft.
Safety Education 2,835 sq. ft.
7 Shop-Labs 1 Lecture Room
10.5 full-time Faculty or equivalent

NORTHERN ILLINOIS UNIVERSITY De Kalb, Ill.
Bldg. constructed and occupied 1928
Cost of building Undetermined
Addition to building \$70,000
Cost of equipment Undetermined
Size of building 900,000 sq. ft.
14 Shop-Labs 4 Lecture Rooms
25 full-time Faculty or equivalent

CHADRON STATE COLLEGE, Chadron, Nebr.
Bldg. constructed and occupied 1971
Cost of building \$1,400,000
Cost of new equipment 150,000
Size of building 62,000 sq. ft.
Industrial Arts 45,000 sq. ft.
Home Economics 17,000 sq. ft.
9 Shop-Labs 2 Lecture rooms
4 full-time Faculty or equivalent

IOWA

WESTERN ILLINOIS UNIVERSITY, Macomb, Ill.
Bldg. constructed and occupied 1965
Cost of building \$3,500,000
Cost of new equipment 125,000
Equipment transferred 250,000
Size of building 36,200 sq. ft.
Industrial Arts 21,418 sq. ft.
Ag. and Home Ec. 14,782 sq. ft.
16 Shop-Labs 5 Lecture Rooms
16 full-time Faculty or equivalent

ILLINOIS STATE UNIVERSITY, Normal, Ill.
Bldg. constructed and occupied 1964
Cost of building \$1,750,000
Cost of new equipment 80,000
Equipment transferred 20,000
Size of building 83,000 sq. ft.
Industrial Arts 43,000 sq. ft.
Ag., Bus., Home Ec. 40,000 sq. ft.
14 Shop-Labs 4 Lecture Rooms
27 full-time Faculty or equivalent

NEBRASKA

KEARNEY STATE COLLEGE, Kearney, Nebr.
Bldg. constructed and occupied 1954-55
Cost of building \$750,000
Cost of new equipment 50,000
Equipment transferred 10,000
Size of building 62,875 sq. ft.
Industrial Arts 25,676 sq. ft.
Business-Home Ec. 37,199 sq. ft.
9 Shop-Labs 3 Lecture Rooms
9 full-time Faculty or equivalent

NORTHEAST MISSOURI STATE COLLEGE, Kirksville, Mo.
Bldg. constructed and occupied 1969-70
Cost of building \$1,250,000
Cost of new equipment 200,000
Equipment transferred 75,000
Size of building 34,000 sq. ft.
Industrial Arts 32,000 sq. ft.
Agr., Safety Ed. 2,000 sq. ft.
11 Shop-Labs 6 Lecture Rooms
10 full-time Faculty or equivalent

EASTERN ILLINOIS UNIVERSITY Charleston, Ill.
Bldg. constructed and occupied 1967-68
Cost of building Undetermined
Cost of new equipment \$125,000
Equipment transferred 75,000
Size of building 82,548 sq. ft.
Industrial Arts 39,500 sq. ft.
Prof. Ed. & Home Ec. 43,048 sq. ft.
7 Shop-Labs 3 Lecture Rooms
9 full-time Faculty or equivalent

NORTHWEST MISSOURI STATE COLLEGE, Maryville, Mo.
Bldg. constructed and occupied 1969
Cost of building \$750,000
Addition to building 1971 100,000
Cost of new equipment 40,000
Size of building 50,000 sq. ft.
Industrial Arts 50,000 sq. ft.
16 Shop-Labs 9 Lecture Rooms
10 full-time Faculty or equivalent

ILLINOIS

SOUTHERN ILLINOIS UNIVERSITY Carbondale, Ill.
Bldg. constructed and occupied 1963
Cost of building Undetermined
Cost of addition \$50,000
Cost of new equipment 200,000
Equipment transferred 50,000
Size of building Undetermined
Shop-Labs Lecture Rooms
Faculty or equivalent Undetermined

CENTRAL MISSOURI STATE COLLEGE, Warrensburg, Mo.
Main Bldg. constructed and occupied 1958
Additions occupied 1963, 1966
Cost of buildings \$1,500,000
Cost of new equipment 200,000
Equipment transferred 500,000
Size of building 60,000 sq. ft.
Industrial Arts 40,000 sq. ft.
Art, Ag., Home Ec. 20,000 sq. ft.
18 Shop-Labs 16 Lecture Rooms
30 full-time Faculty or equivalent

MISSOURI

SOUTHEAST MISSOURI STATE COLLEGE, Cape Girardeau, Mo.
Bldg. constructed and occupied 1904
Cost of building \$20,000
Addition to building 1963 90,000
Cost of new equipment 100,000
Equipment transferred 5,000
Size of building 13,759 sq. ft.
Industrial Arts 13,759 sq. ft.
7 Shop-Labs. No Lecture Room
7 full-time Faculty or equivalent

Ward J. Street
Jan. 20, 1971