

*3 State Planning
Board
Statement*

IOWA

STATE PLANNING BOARD

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IOWA STATE PLANNING BOARD
STATEMENT OF PROJECT OBJECTIVES AND ORGANIZATION

Prepared for
FEDERAL EMERGENCY RELIEF ADMINISTRATION
(Research and Statistics)

IOWA STATE PLANNING BOARD

Project 1048 -- Population
and Social Trends.

Board Members

Chester A. Phillips, Chairman, Dean of School of
Commerce, S. U. I., Iowa City.
H. H. Kildee, Dean of Agricultural Division, I. S. C.
Ames, Iowa.

Technical Advisors.

C. E. Friley, Dean of Industrial Science Division,
I. S. C., Ames, Iowa.
Clyde Hart, Professor of Sociology, S. U. I., Iowa City.
R. E. Wakeley, Assistant of Sociology, I. S. C., Ames,
Iowa.
Dale Yoder, Professor of Social Economics, S. U. I.
Iowa City.

IOWA STATE PLANNING BOARD

STATEMENT OF PROJECT OBJECTIVES AND ORGANIZATION

Prepared for

FEDERAL EMERGENCY RELIEF ADMINISTRATION

(Research and Statistics)

Project No. 1049 -- Public Relations

July, 1934
P. H. Elwood
Director-Consultant

IOWA STATE PLANNING BOARD

STATEMENT OF PROJECT OBJECTIVES AND ORGANIZATION

Prepared for

FEDERAL EMERGENCY RELIEF ADMINISTRATION

(Research and Statistics)

Project No. 1049 -- Public Relations

The writing, editing and transmitting to the press of important news and educational features incidental to the work and publicity of the State Planning Board to properly acquaint the people with the work as it progresses and to compile records of the various planning activities in the state.

1. Specific purposes to be served by the project.

The purpose of the Public Relations Project is to acquaint the public with the work of the Iowa State Planning Board. Material is written, edited, and transmitted to the press pertaining to important news and educational features in relation to the various planning activities.

2. Group or groups sponsoring the project.

All the projects are assisting in making available to the press correspondent the progress to date.

3. Name of director.

The supervisor is Mrs. H. S. Vincent.

4. Data to be obtained.

The news data will be compiled for permanent record of progress.

5. Sources of data.

The news for articles is obtained from Board Members and Project Supervisors. It is checked by the Chairman of the Board, Dean H. H. Kildee, by Mrs.

5. Continued.

H. S. Vincent, Project Supervisor, and P. H. Elwood, Director-Consultant.

6. Geographic area or areas to be covered.

The project covers the entire state.

7. If a survey, approximate number of persons and other units to be investigated.

All of the projects are covered by the reporter.

8. A tentative copy of the questionnaire to be used.

A questionnaire is not used.

9. Estimated costs appropriately divided, such as supervisory salaries, supplies, etc.

The personnel budget for May and June is \$100.00 and \$100.00 is allotted for transportation and subsistence; for July \$100.00 and \$125.00 for transportation and subsistence.

10. Types of personnel to be employed and their respective numbers.

The personnel includes 1 press agent for May, June, and July.

11. Estimated man-hours for each type of personnel.

This member averages 44 man-hours per week.

12. Provisions, if any, for tabulation and publication.

All published news items are filed in a scrap book for reference.

IOWA STATE PLANNING BOARD

August 23, 1934

Members

H. H. Kildee, Ames, Chairman
Walter L. Bierring, Des Moines
Fred Bohlen, Des Moines
J. N. Darling, Des Moines
Mrs. Henry Frankel, Des Moines
Mrs. Fred Jarvis, Oskaloosa
P. F. Hopkins, Des Moines
George Keller, Des Moines
Mrs. Grace Gilbert King, West Union
Frank D. Paine, Ames
Chester A. Phillips, Iowa City
A. E. Rapp, Council Bluffs
A. C. Trowbridge, Iowa City
Fred White, Ames
William P. Woodcock, Spencer
Mrs. H. S. Vincent, Fort Dodge

P. H. Elwood, Director-Consultant, Ames
S. Herbert Hare, Co-Consultant, Kansas City
A. H. Wieters, Secretary, Des Moines
C. M. Moderwell, Chairman, District No. 7
National Planning Board, Chicago

Executive Committee

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| Mrs. Henry Frankel | William P. Woodcock |
| P. H. Elwood | |
| A. E. Rapp | |

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| A. C. Trowbridge | |

IOWA STATE PLANNING BOARD
Project 1049 -- Public Relations

Board Members

Mrs. H. S. Vincent, Chairman, Fort Dodge, Iowa.
H. H. Kildee, Dean of the Agricultural Division, I. S. C.,
Ames, Iowa.

Technical Advisors

Grant Caswell, President of Iowa Newspaper Association,
Des Moines, Iowa.
Blair Converse, Head of Journalism Department, I. S. C.,
Ames, Iowa.
Gardner Cowles, Jr., Managing Editor Des Moines, Register,
Des Moines, Iowa.
Lester Milligan, Mason City, Iowa.
Cranger P. Mitchell, Fort Dodge, Newspaper editor.
Fred Pownall, University of Iowa Editor, Iowa City, Iowa.
Harry Shaw, Editor, Waterloo, Iowa.
Mrs. F. W. Weitz, Des Moines, Iowa.
A. H. Wieters, State House, Des Moines, Iowa.
Department of Health, State House.

IOWA STATE PLANNING BOARD

STATEMENT OF PROJECT OBJECTIVES AND ORGANIZATION

Prepared for

FEDERAL EMERGENCY RELIEF ADMINISTRATION

(Research and Statistics)

Project No. 1050 -- Surveys, Maps, and Plans

July, 1934

P. H. Elwood
Director-Consultant

IOWA STATE PLANNING BOARD

STATEMENT OF PROJECT OBJECTIVES AND ORGANIZATION

Prepared for

FEDERAL EMERGENCY RELIEF ADMINISTRATION

(Research and Statistics)

Project No. 1050 -- Surveys, Maps, and Plans

Complete the preparation of 1,625 township base maps (2" - 1 mile); all but 110 completed. Considerable work on location of streams and houses, and lettering and checking of maps to be done. This is a flexible project and can be enlarged or decreased on short notice without serious inconvenience.

1. Specific purposes to be served by the project.

The purpose of this project is to serve the various committees in preparing plans and base maps. The base maps will be used in preparing ownership maps.

2. Group or groups sponsoring the project.

The following agencies have contributed material: Farm Finance Survey, C.W.A. F 6 under the direction of the Department of Agricultural Economics, Agricultural Experiment Station, Power Line Survey and the Forest Waste Land Survey.

3. Name of director.

The project supervisor is Dean R. E. Buchanan of Iowa State College.

Assisting Dean Buchanan are two sub-project supervisors: H. J. Barre, Department of Agricultural Engineering of Iowa State College and John R. Fitzsimmons, Landscape Architect, State Board of Conservation.

4. Data to be obtained.

Maps will be completed on 1,625 townships. These

4. Continued.

show the location of houses and streams. Plans, base maps, ownership maps -- pertaining to forest and wasteland. Power and light maps are being prepared.

5. Sources of data.

The data is obtained from the Power Survey, Forest and Wasteland Survey, Farm Finance Survey, The Agricultural Mapping Project of the Agricultural Experiment Station.

6. Geographic area or areas to be covered.

The maps cover areas over the entire state.

7. If a survey, approximate number of persons and other units to be investigated.

All of the townships in the state will be analyzed eventually.

8. A tentative copy of the questionnaire to be used.

All maps are being filed.

9. Estimated costs appropriately divided, such as supervisory salaries, supplies, etc.

The personnel salary budget for May is \$2,000.00, for June \$1,000.00, for July \$1,600.00. This will be considerable less in August.

10. Types of personnel to be employed and their respective numbers.

The personnel includes 20 draftsmen for May, 10 draftsmen for June, and 15 draftsmen for July.

11. Estimated man-hours for each type of personnel.

Each member of the personnel averages 44 man-hours per week.

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Project No. 1050

12. Provisions, if any, for tabulation and publication.

Statistical reports and field surveys have been used in the preparation of the maps.

IOWA STATE PLANNING BOARD

August 23, 1934

Members

H. H. Kildee, Ames, Chairman
Walter L. Bierring, Des Moines
Fred Bohan, Des Moines
J. N. Darling, Des Moines
Mrs. Henry Frankel, Des Moines
Mrs. Fred Jarvis, Oskaloosa
P. F. Hopkins, Des Moines
George Keller, Des Moines
Mrs. Grace Gilbert King, West Union
Frank D. Paine, Ames
Chester A. Phillips, Iowa City
A. E. Rapp, Council Bluffs
A. C. Trowbridge, Iowa City
Fred White, Ames
William P. Woodcock, Spencer
Mrs. H. S. Vincent, Fort Dodge

P. H. Elwood, Director-Consultant, Ames
S. Herbert Hare, Co-Consultant, Kansas City
A. H. Wieters, Secretary, Des Moines
C. M. Moderwell, Chairman, District No. 7
National Planning Board, Chicago

Executive Committee

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| Mrs. Henry Frankel | William P. Woodcock |
| P. H. Elwood | |
| A. E. Rapp | |

Finance Committee

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| George Keller, <u>Chairman</u> | Walter L. Bierring |
| A. C. Trowbridge | |

IOWA STATE PLANNING BOARD

Project 1050 -- Surveys, Maps and Plans

Board Members

A. C. Trowbridge, Chairman, State Geologist of
Iowa, S. U. I., Iowa City
P. F. Hopkins, Chief Engineer of P. W. A., Des Moines, Iowa.
George Keller, Chief Engineer of C. W. A., Des Moines, Iowa.

Technical Advisors

P. E. Brown, I. S. C., Head of Farm Crops and Soils
Department, I. S. C., Ames.
R. E. Buchanan, Director Agricultural Experiment
Station, I. S. C., Ames.
J. S. Dodds, Civil Engineering, Professor, I. S. C.
Ames.
J. R. Fitzsimmons, Landscape Architect, Board of
Conservation, I. S. C., Ames.

IOWA STATE PLANNING BOARD
STATEMENT OF PROJECT OBJECTIVES AND ORGANIZATION

Prepared for
FEDERAL EMERGENCY RELIEF ADMINISTRATION
(Research and Statistics)
Project 1051 -- Public Service

July, 1934
P. H. Elwood
Director-Consultant

IOWA STATE PLANNING BOARD
STATEMENT OF PROJECT OBJECTIVES AND ORGANIZATION

Prepared for
FEDERAL EMERGENCY RELIEF ADMINISTRATION
(Research and Statistics)
Project 1051 -- Public Service

Study of communication, gas, and electric services and tabulation and mapping of same.

1. Specific purposes to be served by the project.

The purpose of this project is to gather sufficient data for plans for raising the standard insofar as gas, electric, and other services are concerned.

The ultimate aim will be to encourage community public service plants in counties over the state.

2. Group or groups sponsoring the project.

The groups are assisted by the Farm Bureau, Farmer's Union, and the Agricultural Extension Service at Iowa State College.

3. Name of the director.

The Project Supervisor is Professor Frank D. Paine of the General Engineering Department at Iowa State College.

4. Sources of data.

The survey on communication systems will include a study of all communication on electric service.

This survey will include the location and mapping of natural gas supply mains and the location of manufactured gas plants together with an analysis

4. Continued.

of present and future locations and capacities of these sources. Further study will be made of the possible requirements of cities, towns or districts which at present do not have gas service or the supply is inadequate for industrial or household purposes.

5. Sources of data.

The data is obtained from the Farm Bureau, Farmer's Union and the Extension Service at Iowa State College.

6. Geographic area or areas to be covered.

The survey is being carried on over the entire state.

7. If a survey, approximate number of persons and other units to be investigated.

The investigations are being taken up by townships.

8. A tentative copy of the questionnaire to be used.

A questionnaire is not used.

9. Estimated costs appropriately divided, such as supervisory salaries, supplies.

The personnel salary budget for June is \$96.00 with \$160.00 allotted for transportation and subsistence; for July \$540.00 and \$325.00 allotted for transportation and subsistence.

10. Types of personnel to be employed and their respective number.

The personnel includes 3 engineers for June and 3 engineers and 1 coordinator for July.

11. Estimated man-hours for each type of personnel.

The members of the personnel average 44 man-hours per week.

12. Provisions, if any, for tabulation and publication.

Data is being compiled for charts and maps for future publication.

IOWA STATE PLANNING BOARD

August 23, 1934

Members

H. H. Kildee, Ames, Chairman
Walter L. Bierring, Des Moines
Fred Bohlen, Des Moines
J. N. Darling, Des Moines
Mrs. Henry Frankel, Des Moines
Mrs. Fred Jarvis, Oskaloosa
P. F. Hopkins, Des Moines
George Keller, Des Moines
Mrs. Grace Gilbert King, West Union
Frank D. Paine, Ames
Chester A. Phillips, Iowa City
A. E. Rapp, Council Bluffs
A. C. Trowbridge, Iowa City
Fred White, Ames
William P. Woodcock, Spencer
Mrs. H. S. Vincent, Fort Dodge

P. H. Elwood, Director-Consultant, Ames
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National Planning Board, Chicago

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| P. H. Elwood | |
| A. E. Rapp | |

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| A. C. Trowbridge | |

IOWA STATE PLANNING BOARD
Project 1051 -- Public Service

Board Members

Frank D. Paine, Chairman, Head and Professor of
General Engineering,
I. S. C., Ames.
George Keller, Chief Engineer of C. W. A.
Des Moines, Iowa.

Technical Advisors

M. P. Cleghorn, Professor of Mechanical Engineering,
I. S. C., Ames.
Henry Giese, Professor of Architectural Engineering,
I. S. C., Ames.
Edw. B. Kurt, Professor of Engineering, S. U. I.,
Iowa City.
E. R. McKee, Professor of Electrical Engineering,
I. S. C., Ames.
Frank Vilbrandt, Professor of Chemical Engineering,
I. S. C., Ames.
C. C. Williams, Dean of Engineering College, S. U. I.
Iowa City.

IOWA STATE PLANNING BOARD

STATEMENT OF PROJECT OBJECTIVES AND ORGANIZATION

Prepared for

FEDERAL EMERGENCY RELIEF ADMINISTRATION

(Research and Statistics)

Project No. 1052 -- Public Service

July, 1934

P. H. Elwood
Director-Consultant

IOWA STATE PLANNING BOARD

STATEMENT OF PROJECT OBJECTIVES AND ORGANIZATION

Prepared for

FEDERAL EMERGENCY RELIEF ADMINISTRATION

(Research and Statistics)

Project No. 1052 -- Public Service

Survey of rural and village public service is available to complete the information obtained by housing surveys. Also a survey of power resources, transmission and distribution of power to consumers and utilization of the same.

1. Specific purposes to be served by the project.

The purpose of this project is to analyze the specific needs of rural and village public service. The survey will be carried on in regard to power resources, transmission and distribution of power to the consumers.

2. Group or groups sponsoring the project.

The groups assisting in making the survey are: Farm Bureau, Farmer's Union, and The Extension Service at Iowa State College.

3. Name of Director.

The project supervisor is Professor Henry Giese of Agricultural Engineering at Iowa State College.

4. Data to be obtained.

The data similar to 13 B will be obtained from the rural and village housing survey.

This survey and study includes the location and mapping of all power plants and transmission lines, both municipally and privately owned, together with capacities, and future development.

4. Continued.

A study and analysis of rates for service to homes, stores, and industrial plants is included.

5. Sources of data.

Housing and light and power surveys afford material for computation of the data. The Federal Power Commission is assisting.

6. Geographic area or areas to be covered.

The survey is state-wide.

7. If a survey, approximate number of persons and other units to be investigated.

Surveys are being carried on in all individual homes in definite townships at the present time.

8. A tentative copy of the questionnaire to be used.

A questionnaire is not used. The completed surveys are plotted on maps.

9. Estimated costs appropriately divided, such as supervisory salaries, supplies, etc.

The personnel salary budget is \$956.00 for May and June with \$1,120.00 allowed for transportation and subsistence; for July, \$956.00 and \$1,120.00 allotted for transportation and subsistence.

10. Types of personnel to be employed and their respective numbers.

The personnel includes 6 engineers and 1 clerk for May, June, and July.

11. Estimated man-hours for each type of personnel.

The average man-hours per person is 44 for a week.

Page 3
Project No. 1052

12. Provisions, if any, for tabulation and publication.

Maps and surveys are now being compiled. Publication of material will be made by the Iowa State Planning Board.

IOWA STATE PLANNING BOARD

August 23, 1934

Members

H. H. Kildee, Ames, Chairman
Walter L. Bierring, Des Moines
Fred Bohan, Des Moines
J. N. Darling, Des Moines
Mrs. Henry Frankel, Des Moines
Mrs. Fred Jarvis, Oskaloosa
P. F. Hopkins, Des Moines
George Keller, Des Moines
Mrs. Grace Gilbert King, West Union
Frank D. Paine, Ames
Chester A. Phillips, Iowa City
A. E. Rapp, Council Bluffs
A. C. Trowbridge, Iowa City
Fred White, Ames
William P. Woodcock, Spencer
Mrs. H. S. Vincent, Fort Dodge

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Finance Committee

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| A. C. Trowbridge | |

IOWA STATE PLANNING BOARD
Project 1052 -- Public Service

Board Members

Frank D. Paine, Chairman, Head and Professor
of General Engineering,
I. S. C., Ames.
George Keller, Chief Engineer of C. W. A., Des Moines, Iowa.

Technical Advisors

M. P. Cleghorn, Professor of Mechanical Engineering,
I. S. C., Ames.
Henry Giese, Professor of Architectural Engineering,
I. S. C., Ames.
Edw. B. Kurt, Professor of Engineering, S. U. I.
Iowa City.
E. R. McKee, Professor of Electrical Engineering,
I. S. C., Ames.
Frank Vilbrandt, Professor of Chemical Engineering,
I. S. C., Ames.
C. C. Williams, Dean of Engineering College, S. U. I.
Iowa City.

IOWA STATE PLANNING BOARD

STATEMENT OF PROJECT OBJECTIVES AND ORGANIZATION

Prepared for

FEDERAL EMERGENCY RELIEF ADMINISTRATION

(Research and Statistics)

Project No. 1053 -- Public Works

July, 1934
P. H. Elwood
Director-Consultant

IOWA STATE PLANNING BOARD

STATEMENT OF PROJECT OBJECTIVES AND ORGANIZATION

Prepared for

FEDERAL EMERGENCY RELIEF ADMINISTRATION

(Research and Statistics)

Project No. 1053 -- Public Works

A careful analysis of the public works needs in Iowa and a selection of the most desirable and practical projects listed in order of importance covering a period of ten or more years.

1. Specific purposes to be served by the project.

The purpose of this project is to propose a program of public works for Iowa after analyzing the conditions and needs of the state. The work will cover a period of ten or more years.

2. Group or groups sponsoring the project.

The groups assisting with this project include all the respective projects.

3. Name of director.

The project supervisor is P. F. Hopkins, Chief Engineer, PWA.

4. Data to be obtained.

All fact-finding surveys and analyses from other projects are used.

5. Sources of data.

The sources of the data are: projects, bulletins, and statistical data.

6. Geographic area or areas to be covered.

The material has been collected from the entire state.

7. If a survey, approximate number of persons and other units to be investigated.

The survey includes all the final investigations from the respective projects.

8. A tentative copy of the questionnaire to be used.

A copy of the questionnaire is attached.

9. Estimated costs appropriately divided, such as supervisory salaries, supplies, etc.

The personnel salary for the month of July totals \$264.00, \$250.00 is allowed for transportation and subsistence.

10. Types of personnel to be employed and their respective numbers.

The personnel includes 2 field workers.

11. Estimated man-hours for each type of personnel.

The average man-hours per week totals 44 per member.

12. Provisions, if any, for tabulation and publication.

When the project fact-finding surveys and analyses are completed extensive, long-time public works and rehabilitation programs can be carried on.

This is one of the most fundamental and important projects.

IOWA STATE PLANNING BOARD

August 23, 1934

Members

H. H. Kildee, Ames, Chairman
Walter L. Bierring, Des Moines
Fred Bohan, Des Moines
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Mrs. Henry Frankel, Des Moines
Mrs. Fred Jarvis, Oskaloosa
P. F. Hopkins, Des Moines
George Keller, Des Moines
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A. C. Trowbridge, Iowa City
Fred White, Ames
William P. Woodcock, Spencer
Mrs. H. S. Vincent, Fort Dodge

P. H. Elwood, Director-Consultant, Ames
S. Herbert Hare, Co-Consultant, Kansas City
A. H. Wieters, Secretary, Des Moines
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| Mrs. Henry Frankel | William P. Woodcock |
| P. H. Elwood | |
| A. E. Rapp | |

Finance Committee

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| George Keller, <u>Chairman</u> | Walter L. Bierring |
| A. C. Trowbridge | |

IOWA STATE PLANNING BOARD

Project 1053 -- Public Works

Board Members

P. F. Hopkins, Chairman, Chief Engineer of P.W.A., Des Moines.
George Keller, Chief Engineer of C.W.A., Des Moines.
William Woodcock, Chairman of Board of Conservation,
Spencer, Iowa.

Technical Advisors

T. R. Agg, Dean of Engineering, I. S. C., Ames.
O. W. Crowley, Director of Research, Des Moines.
Claire Currie, Webster City
A. H. Fuller, Acting Head and Professor of Economics,
Ames, Iowa.
Howard Green, Cedar Rapids.
M. L. Hutton, Chief Engineer of Board of Conservation,
Des Moines, Iowa.
O. R. Sweeney, Head and Professor of Chemistry, I. S. C.
Ames.
A. H. Wieters, Department of Public Health, State House,
Des Moines.
C. C. Williams, Dean of Engineering College, S. U. I.,
Iowa City.

IOWA STATE PLANNING BOARD
STATEMENT OF PROJECT OBJECTIVES AND ORGANIZATION
Prepared for
FEDERAL EMERGENCY RELIEF ADMINISTRATION
(Research and Statistics)
Project No. 1054 -- Lower Des Moines River Valley

July, 1934
P. H. Elwood
Director-Consultant

IOWA STATE PLANNING BOARD

STATEMENT OF PROJECT OBJECTIVES AND ORGANIZATION

Prepared for

FEDERAL EMERGENCY RELIEF ADMINISTRATION

(Research and Statistics)

Project No. 1054 -- Lower Des Moines River

A study of the best use of the natural resources of the region and a logical and stable rehabilitation program for the people, the industries, the land and landscape.

1. Specific purposes to be served by the project.

The purpose of this survey is to plan a logical rehabilitation program for the people and industries included in this area. A study of the natural resources will be analyzed. A survey of the possible utilization of the land will be made.

2. Group or groups sponsoring the project.

The project will have the assistance of the factories, mills, and manufacturing industries.

3. Name of Director.

Professor A. C. Trowbridge, state geologist, from the University of Iowa, is the Project Supervisor.

4. Data to be obtained.

Data will be obtained on stream pollution, erosion, submarginal uplands, potential power dams, and recreational areas, and wild life and upland game refuges in collaboration with other project work.

5. Sources of data.

Field surveys will be carried on to obtain data on stream pollution, erosion, submarginal uplands, and potential power and recreation areas. Hosiery, yarn, clothing, blanket, and carpet mills will assist.

6. Geographic area or areas to be covered.

The survey will include the area within the region of Southern Iowa and Lower Des Moines from Keokuk on the Mississippi to Fort Dodge.

7. If a survey, approximate number of persons and other units to be surveyed.

All factories, business corporations, and homes will be surveyed within this region.

8. A tentative copy of the questionnaire to be used.

A questionnaire is not available for the present. Personnel inspection is the contact method now being used.

9. Estimated costs appropriately divided.

The personnel monthly salary is \$304.00 for July.

10. Types of personnel to be employed.

The personnel includes 1 coordinator and 1 field worker. This is largely a collaborative project.

11. Estimated man-hours for each type of personnel.

Every member of the personnel averages 44 man-hours per week.

12. Provisions, if any, for tabulation and publication.

The work is in the embryonic state. Existing data are being gathered to determine extent of information needed before a definite program and recommendations for construction and rehabilitation can be prepared.

IOWA STATE PLANNING BOARD

Project 1054 -- Lower Des Moines River
Valley.

Board Members

- A. C. Trowbridge, Chairman, State Geologist, S. U. I.
Iowa City
- H. H. Kildee, Dean of Agricultural Division, I. S. C., Ames.
- P. F. Hopkins, Chief Engineer of P.W.A.
- C. A. Phillips, Dean of School of Commerce, S. U. I.
Iowa City.
- A. E. Rapp, State Fish and Game Commission, Council
Bluffs, Iowa.
- W. P. Woodcock, Chairman of Board of Conservation, Spencer,
Iowa.

Technical Advisors

- Horace M. Brown, Ottumwa.
- G. B. MacDonald, Head of Forestry Department, I. S. C.
Ames.
- Theo Mavis, Professor in Mechanics and Hydraulics,
S. U. I., Iowa City.
- Anson Marston, Formerly Dean of Engineering, I. S. C.
Ames.
- Paul Taff, Assistant Director Agricultural Experiment
Station, I. S. C., Ames.
- W. J. Neimers, Marsh Engineering Co., Des Moines
- A. H. Wieters, Department of Health, Des Moines.
- C. C. Williams, Dean of Engineering College, S. U. I.
Iowa City.

IOWA STATE PLANNING BOARD

Project 1043 -- Education

Board Members

Mrs. Fred Jarvis, Chairman, Oskaloosa, Iowa.
A. C. Trowbridge, State Geologist, S. U. I., Iowa City, Iowa.
Mrs. Grace Gilbert King, Board of Conservation, West Union,
Iowa.

Technical Advisors

R. K. Bliss, Director Agricultural Extension Service,
I. S. C., Ames, Iowa.
C. H. Brown, Librarian, I. S. C., Ames, Iowa.
C. S. Cory, Registrar & Examiner, S. T. C., Cedar Falls, Iowa.
H. C. Doreas, Examiner & Registrar, S. U. I., Iowa City, Iowa.
George Godfrey, Assistant to the President, Ames, Iowa.
Irving Hart, Director of Extension, S. T. C., Cedar Falls, Iowa.
Mrs. Forest Huttenlocker, Better Homes and Gardens, Des
Moines, Iowa.
W. H. Lancelot, Head of Vocational Educational Department,
I. S. C., Ames, Iowa.
Barton Morgan, Assistant Professor Vocational Educational
Department, I. S. C., Ames, Iowa.
O. R. Latham, President of Iowa State Teacher's College,
Cedar Falls, Iowa.
Bruce Mahan, Director of Extension Division, S. U. I.,
Iowa City, Iowa.
P. C. Packer, College of Education, Iowa City, Iowa.
Elmer T. Peterson, Professor of Education, S. U. I.,
Iowa City, Iowa.
J. R. Sage, Registrar, State College, I. S. C., Ames, Iowa.
Agnes Samuelson, Superintendent of Public Schools, Des
Moines, Iowa.
H. J. Teachout, Educational Worker, Shenandoah, Iowa.
R. C. Williams, Director of Educational Research, State
House, Des Moines, Iowa.

IOWA STATE PLANNING BOARD

STATEMENT OF PROJECT OBJECTIVES AND ORGANIZATION

Prepared for

FEDERAL EMERGENCY RELIEF ADMINISTRATION

(Research and Statistics)

Project No. 1044 -- Water Flow and Supply
and Stream Pollution

July, 1934
P. H. Elwood
Director-Consultant

IOWA STATE PLANNING BOARD

STATEMENT OF PROJECT OBJECTIVES AND ORGANIZATION

Prepared for

FEDERAL EMERGENCY RELIEF ADMINISTRATION

(Research and Statistics)

Project No. 1044 -- Water Flow and Supply
and Stream Pollution

Collection of information needed to complete the survey of water resources of the state for domestic and industrial uses. Also detection of fluoride and feasibility of treatment of unsanitary water, tabulation of sewage and water statistics previously collected and supplying field data for sewage disposal and stream pollution control.

1. Specific purposes to be served by the project.

The purpose of the project is to compile existing data on public water supplies, sewage disposal and stream pollution in Iowa. The water supply investigation will include the comprehensive program of mineral analyses of water in Iowa, principally underground water information.

2. Group or groups sponsoring the project.

The project will be sponsored principally by the Iowa State Department of Health, The Iowa State Hygienic Laboratory in Iowa City, and the State Geological Survey in Iowa City.

3. Name of director.

The work for supervisory purposes will be divided into three parts; the field studies on stream pollution and water supply, together with the compilation of data will be under the direction of A. H. Wieters, Director, Division of Public Health Engineering, State Department of Health, Des Moines.

3. Continued.

The water analyses will be under the direction of Jack H. Hinman, Professor of Sanitation at the University of Iowa, and the Director of the Water Division of the State Hygienic Laboratories.

The geological work will be under the direction of Professor A. C. Trowbridge, head of the Department of Geology, University of Iowa.

4. Data to be obtained.

Data to be obtained will be water and sewage statistics, mineral analyses of public water supplies, bacteriological and chemical analysis of stream samples.

5. Sources of data.

The data will be taken from the records in the office of the State Department of Health and from field investigations.

6. Geographic area or areas to be covered.

The projects will be state-wide.

7. If a survey, approximate number of persons and other units to be investigated.

The survey will include all the major and most of the minor streams of Iowa.

8. A tentative copy of the questionnaire to be used.

A questionnaire is not used.

9. Estimated costs appropriately divided, such as supervisory salaries, supplies, etc.

The personnel budget for May and June totals \$1,914.00 with \$180.00 for transportation and subsistence, for July, \$1,824.00 with \$300.00 for transportation and subsistence.

10. Types of personnel to be employed and their respective numbers.

The personnel includes 1 field worker, 2 engineers, 5 chemists, 1 stenographer, 2 water analysts, and 4 laboratory men; for July 3 sanitary engineers, 1 stenographer, 5 chemists, 4 laboratory men, and 2 water analysts.

11. Estimated man-hours for each type of personnel.

Every member of the personnel works on the average of 44 man-hours per week.

12. Provisions, if any, for tabulation and publication.

Tabulation is to be done in-so-far as possible as part of the project and it is anticipated that the data on water supply will be published. The data on stream pollution will be used in reports which will be either published or mimeographed so that they might be distributed to those cities, towns and industries which are involved.

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August 23, 1934

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IOWA STATE PLANNING BOARD

Project 1044 -- Water Flow and Supply,
and Stream Pollution

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William Woodcock, Chairman of State Board of Conservation,
Spencer, Iowa.

Technical Advisors

Horace N. Brown, Ottumwa, Iowa.
J. S. Dodds, Professor of Civil Engineering, I. S. C., Ames.
C. S. Gwynne, Head of Geology Department, I. S. C., Ames.
J. J. Hinman, Jr., S. U. I., Professor of Sanitation, Iowa
City, Iowa.
R. G. Kasel, Iowa City, Iowa. U. S. G. S.
C. P. Lechner, State Fish & Game Commission, Des Moines,
Iowa.
M. L. Hutton, Engineer for State Board of Conservation,
State House, Des Moines, Iowa.
Max Levine, Professor of Bacteriology, I. S. C., Ames,
Iowa.
Anson Marston, Formerly Dean of Engineering, I. S. C., Ames,
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W. J. Schlick, Drainage Engineer, I. S. C., Ames, Iowa.
A. H. Wieters, Department of Health, State House, Des
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S. M. Woodward, Engineer, Iowa City.

IOWA STATE PLANNING BOARD
STATEMENT OF PROJECT OBJECTIVES AND ORGANIZATION

Prepared for
FEDERAL EMERGENCY RELIEF ADMINISTRATION
(Research and Statistics)

Project No. 1045 - Survey of Meandered Streams and Lakes

July, 1934
P. H. Elwood
Director-Consultant

IOWA STATE PLANNING BOARD

STATEMENT OF PROJECT OBJECTIVES AND ORGANIZATION

Prepared for

FEDERAL EMERGENCY RELIEF ADMINISTRATION

(Research and Statistics)

Project No. 1045 -- Survey of Meandered Streams and Lakes

Survey covering present eroded and meandering conditions of certain important rivers with a view toward their control and the relief of present wasteful, unsightly and uneconomic conditions. Also certain surveys in regard to the proper permanent limitation of the meandering lines. This survey might include drainage studies and progress in detail as indicated in the 25 year conservation plan.

1. Specific purposes to be served by the project.

The purpose of this project is to survey and plan a program for the elimination of wasteful erosion and uneconomical and unsightly conditions along meandered streams.

It is planned to purchase necessary land to permanently establish boundary lines and many shore line improvements along hundreds of miles of meandered streams.

2. Group or groups sponsoring the project.

The Iowa State Board of Conservation, Iowa State Fish and Game Commission, and the Iowa State College Extension Service are all helping to sponsor the project.

3. Name of director.

M. L. Hutton, chief engineer for the Iowa Board of Conservation, is the project supervisor.

4. Data to be obtained.

The survey will collect data for the selection and designation of areas for future intensive and detailed surveys looking to flood control works, power sites, pollution reduction or elimination, commercial gravel plant development, and recreational public areas.

5. Sources of data.

Fieldmen are providing the data. They are surveying specific areas.

6. Geographic area or areas to be covered.

The project includes the entire state.

7. If a survey, approximate number of persons and other units to be investigated.

All areas that need analysis are being surveyed.

8. A tentative copy of the questionnaire to be used.

A questionnaire is not used.

9. Estimated costs appropriately divided, such as supervisory salaries, supplies, etc.

The personnel salary budget for May is \$2,160.00, for June \$1,440.00 with \$1,800.00 allotted for transportation and subsistence, for July \$1,872.00 with \$1,300.00 for transportation and subsistence.

10. Types of personnel to be employed and their respective numbers.

The personnel includes 15 engineers for May, 10 engineers for June, and 13 engineers for July.

11. Estimated man-hours for each type of personnel.

Every member of the project averages 44 man-hours per week.

12. Provisions, if any, for tabulation and publication.

Statistics are being compiled and basic information for future improvement and construction plans will be available.

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August 23, 1934

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IOWA STATE PLANNING BOARD

Project No. 1045 - Survey of Meandered Streams and Lakes

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William Woodcock, Chairman of State Board of Conservation,
Spencer, Iowa.

Technical Advisors

Horace N. Brown, Ottumwa, Iowa.
J. S. Dodds, Professor of Civil Engineering, I. S. C., Ames.
C. S. Gwynne, Head of Geology Department, I. S. C., Ames.
J. J. Hinman, Jr., S. U. I., Professor of Sanitation, Iowa
City, Iowa.
R. G. Kasel, United States Geodetic Survey, Iowa City, Iowa.
C. P. Lechner, State Fish & Game Commission, Des Moines,
Iowa.
M. L. Hutton, Engineer for State Board of Conservation,
State House, Des Moines, Iowa.
Max Levine, Professor of Bacteriology, I. S. C., Ames, Iowa.
Anson Marston, Formerly Dean of Engineering, I. S. C.,
Ames, Iowa.
W. J. Schlick, Drainage Engineer, I. S. C., Ames, Iowa.
A. H. Wieters, Department of Health, State House, Des
Moines, Iowa.
S. M. Woodward, Engineer, Iowa City, Iowa.

IOWA STATE PLANNING BOARD

STATEMENT OF PROJECT OBJECTIVES AND ORGANIZATION

Prepared for

FEDERAL EMERGENCY RELIEF ADMINISTRATION

(Research and Statistics)

Project No. 1046 -- Gauging Stations on Streams
and Recording Stream Flow

July, 1934
P. H. Elwood
Director-Consultant

IOWA STATE PLANNING BOARD

STATEMENT OF PROJECT OBJECTIVES AND ORGANIZATION

Prepared for

FEDERAL EMERGENCY RELIEF ADMINISTRATION

(Research and Statistics)

Project No. 1046 -- Gauging Stations on Streams
and Recording Stream Flow

This project will make possible the accurate measurement of the flow of the principal streams in the state enabling an accurate estimate of water resources and supplies.

1. Specific purposes to be served by the project.

The purpose of this project is to gather data on stream flow which is essential to higher living conditions. Facts will be gathered essential for intelligent planning of municipal water plants and analyzed for future planning.

2. Group or groups sponsoring the project.

The principal state agencies interested in this work are these: the Iowa Institute of Hydraulic Research, Iowa State Board of Conservation, Iowa State Fish and Game Commission, Iowa State College. The private agencies are as follows: Des Moines Water Works, Mississippi River Power Company, Interstate Power Company, Iowa Electric Company, and the City of Cedar Rapids.

The federal agencies are the United States Geodetic Survey, the United States Weather Bureau, and the Federal Public Works Administration.

3. Name of Director.

The project supervisor is R. G. Kasel, District Engineer of the United States Geodetic Survey at Iowa City.

4. Data to be obtained.

The data to be obtained will consist of records of flow of various streams throughout the state, maximum and minimum gauge heights, and other pertinent data in this connection.

5. Sources of data.

It is planned to use all existing data available in the form of United States Geodetic Surveys, water supply papers, army engineer reports, and stream flow data available in the offices of the various power companies.

6. Geographic area or areas to be covered.

The area covers practically the entire state of Iowa.

7. If a survey, approximate number of persons and other units to be investigated.

The work will be done on fifteen of the larger streams in the state of Iowa.

8. A tentative copy of the questionnaire to be used.

Questionnaire is not used. This is a construction job.

9. Estimated costs appropriately divided, such as supervisory salaries, supplies, etc.

The personnel budget for May and June is \$432.00 with \$504.00 allotted for transportation and subsistence, for July, \$432.00 and \$504.00 for transportation and subsistence.

10. Types of personnel to be employed and their respective numbers.

The personnel includes 3 engineers and 40,000 man-hours of relief labor, for July 3 engineers and 40,000 man-hours of relief labor. All gauging stations are being constructed entirely with relief labor.

11. Estimated man-hours for each type of personnel.

Each member of the personnel averages 44 man-hours per week. 40,000 man-hours of relief labor is being used on the survey.

12. Provisions, if any, for tabulation and publication.

Data are being prepared for publication. All records of flow of stream are published each year in the U.S.G.S.

IOWA STATE PLANNING BOARD

August 23, 1934

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P. F. Hopkins, Des Moines
George Keller, Des Moines
Mrs. Grace Gilbert King, West Union
Frank D. Paine, Ames
Chester A. Phillips, Iowa City
A. E. Rapp, Council Bluffs
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IOWA STATE PLANNING BOARD

Project No. 1046 -- Gauging Stations on
Streams and Recording Stream Flow.

Board Members

A. C. Trowbridge, Chairman, State Geologist, S. U. I.,
Iowa City, Iowa.
George Keller, Chief Engineer of C. W. A., Des Moines,
Iowa.
William Woodcock, Chairman of State Board of Conservation,
Spencer, Iowa.

Technical Advisors

Horace N. Brown, Ottumwa, Iowa.
J. S. Dodds, Professor of Civil Engineering, I. S. C., Ames.
C. S. Gwynne, Head of Geology Department, I. S. C., Ames.
J. J. Hinman, Jr., S. U. I., Professor of Sanitation, Iowa
City, Iowa.
R. G. Kasel, United States Geodetic Survey, Iowa City, Iowa.
C. P. Lechner, State Fish & Game Commission, Des Moines,
Iowa.
M. L. Hutton, Engineer for State Board of Conservation,
State House, Des Moines, Iowa.
Max Levine, Professor of Bacteriology, I. S. C., Ames, Iowa.
Anson Marston, formerly Dean of Engineering, I. S. C.,
Ames, Iowa.
W. J. Schlick, Drainage Engineer, I. S. C., Ames, Iowa.
A. H. Wieters, Department of Health, State House, Des Moines,
Iowa.
S. M. Woodward, Engineer, Iowa City, Iowa.

IOWA STATE PLANNING BOARD

STATEMENT OF PROJECT OBJECTIVES AND ORGANIZATION

Prepared for

FEDERAL EMERGENCY RELIEF ADMINISTRATION

(Research and Statistics)

Project No. 1047 -- Historic and Scenic

July, 1934
P. H. Elwood
Director-Consultant

IOWA STATE PLANNING BOARD

STATEMENT OF PROJECT OBJECTIVES AND ORGANIZATION

Prepared for

FEDERAL EMERGENCY RELIEF ADMINISTRATION

(Research and Statistics)

Project No. 1047 -- Historic and Scenic

Collecting and assembling all available information on the historic and scenic resources of the state with a view toward preservation and restoration and proper use by the people. This also includes supervision of certain unskilled work in excavating ancient village sites and Indian mounds now threatened with destruction.

1. Specific purposes to be served by the project.

The project will propose a program for preservation and restoration of historic and scenic resources. Provision will be made for recreational facilities. Information will be gathered relative to historic events and scenic values.

Land will be purchased for restoration of ancient villages and Indian cemeteries along with the development of historic and scenic places of interest.

2. Group or groups sponsoring the project.

Groups assisting in the work of the project are: The Board of Conservation and Historical and Archaeological Societies.

3. Name of director.

The project supervisors are: A. E. Rapp of the Iowa State Fish and Game Commission and Professor Charles R. Keyes of Cornell College at Mt. Vernon.

4. Data to be obtained.

Data will be collected and assembled on all avail-

4. Continued.

able information in regard to historic and scenic resources of the state. The data will include location, condition, value, and local interest of the site.

5. Sources of data.

The information will be obtained from various historical and archeological societies.

6. Geographic area or areas to be covered.

The work will be carried on over the entire state.

7. If a survey, approximate number of persons and other units to be investigated.

All suggestions offered by societies will be investigated.

8. A tentative copy of the questionnaire to be used.

A letter questionnaire is attached.

9. Estimated costs appropriately divided, such as supervisory salaries, supplies, etc.

The personnel budget includes \$576.00 for May and June and \$700.00 for transportation and subsistence; for July, \$740.00 and \$550.00 for transportation and subsistence.

10. Types of personnel to be employed and their respective numbers.

The personnel includes 4 supervisors for May and June and 2 supervisors, 1 assistant supervisor, 1 field worker, 2 draftsmen and 1 clerk for July. Besides these all Indian cemetery and mound excavations are being done by relief labor.

11. Estimated man-hours for each type of personnel.

Each member of the personnel averages 44 man-hours per week.

12. Provisions, if any, for tabulation and publication.

Information that is gathered is in the process of tabulation. Publication will be made by the Iowa State Planning Board.

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MRS. GRACE KING

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STATE PLANNING BOARD

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STATE HOUSE, DES MOINES

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A. E. RAPP
MRS. H. S. VINCENT
A. C. TROWBRIDGE
FRED WHITE
WM. WOODCOCK

Council Bluffs, Iowa
June 18, 1934

Mr. Clark W. Howard
Commercial Club
Sidney, Iowa.

Dear Sir:

The Committee on Scenic and Historic Features of the State Planning Board recently appointed by Governor Herring desire to have available all sources of information relating to historical or archeological events or objects, or of scenic values within our state, and I am, therefore, asking that you indicate on the reverse side of this sheet your own interest or suggest the name of some person or organization so interested.

We would appreciate you listing, either briefly or in detail, such events relating to your locality as should be permanently recorded, such objects as should be preserved or studied and such scenic values as should be protected, or for which there would be an appreciation developed.

Appreciating your cooperation in the work of this committee.

Sincerely yours,

Arthur E. Rapp
Chairman

Address replies to
Professor J. P. Fitzsimmons
Iowa State College
Ames, Iowa

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August 23, 1934

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IOWA STATE PLANNING BOARD

Project 1047 -- Historic and Scenic Features.

Board Members

A. E. Rapp, State Fish and Game Commission, Council
Bluffs, Iowa.
Mrs. Grace Gilbert King, State Board of Conservation,
West Union, Iowa.
Mrs. H. S. Vincent, Chairman of Public Relations
Project.

Technical Advisors

Walter Beall, West Union, Historical Society, Des
Moines, Iowa.
J. R. Fitzsimmons, Landscape Architect, Board of
Conservation, I. S. C., Ames.
E. R. Harlan, Curator, Historical Department, Des
Moines, Iowa.
E. N. Hopkins, Better Home and Gardens, Des Moines, Iowa.
Charles R. Keyes, Alumni Professor of German Language
and Literature, Cornell College,
Mt. Vernon, Iowa.
Mrs. L. B. Schmidt, Ames, Iowa.
B. F. Shambaugh, Professor of History, S. U. I., Iowa
City, Iowa.

IOWA STATE PLANNING BOARD

STATEMENT OF PROJECT OBJECTIVES AND ORGANIZATION

Prepared for

FEDERAL EMERGENCY RELIEF ADMINISTRATION

(Research and Statistics)

Project No. 1048 -- Population and Social Trends

July, 1934
P. H. Elwood
Director-Consultant

IOWA STATE PLANNING BOARD

STATEMENT OF PROJECT OBJECTIVES AND ORGANIZATION

Prepared for

FEDERAL EMERGENCY RELIEF ADMINISTRATION

(Research and Statistics)

Project No. 1048 -- Population and Social Trends

A survey to discover and bring together data available from independent studies already made, to collect additional data, to summarize this data, in terms of trends and make recommendations for the welfare of the state.

1. Specific purposes to be served by the project.

The ultimate purpose of this project is to study population and social trends and their relation to living. A program will be planned for control and adjustment.

2. Group or groups sponsoring the project.

The Iowa State Board of Health and the Iowa State Insurance Commission are assisting with this project.

3. Name of director.

Dean C. A. Phillips of the School of Commerce at the University of Iowa is the Project Supervisor. He is assisted by Dean C. E. Friley of the Division of Industrial Science at Iowa State College.

4. Data to be obtained.

Data will be obtained from the natural increase and migration of Iowa population by counties. A study of rural crime in Iowa will be made.

5. Sources of data.

The material is obtained from the Iowa State Board of Health, the Iowa State Insurance Commission,

5. Continued.

and Welfare Organizations.

6. Geographic area or areas to be covered.

The survey is carried on over the entire state.

7. If a survey, approximate number of persons and other units to be investigated.

Surveys are being made in all cities.

8. A tentative copy of the questionnaire to be used.

A questionnaire is attached.

9. Estimated costs appropriately divided, such as supervisory salaries, supplies, etc.

The personnel budget for June is \$480.00 with \$75.00 for transportation and subsistence, for July \$810.00 and \$150.00 for transportation and subsistence.

10. Types of personnel to be employed and their respective numbers.

The personnel includes 4 field workers and 1 clerk for June, for July 4 field workers, 1 clerk, 1 stenographer, and 1 stenographer half-time.

11. Estimated man-hours for each type of personnel.

Each member of the project works on the average of 44 man-hours per week.

12. Provisions, if any, for tabulation and publication.

Data is now being tabulated. Material will be published when completed and in part included in the report to the National Resources Board by the Director-Consultant.

IOWA STATE PLANNING BOARD

August 23, 1934

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P. F. Hopkins, Des Moines
George Keller, Des Moines
Mrs. Grace Gilbert King, West Union
Frank D. Paine, Ames
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Mrs. H. S. Vincent, Fort Dodge

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STATEMENT OF PROJECT OBJECTIVES AND ORGANIZATION

Prepared for

FEDERAL EMERGENCY RELIEF ADMINISTRATION

(Research and Statistics)

Project No. 1039 -- City Housing Survey

July, 1934

P. H. Elwood
Director-Consultant

IOWA STATE PLANNING BOARD

STATEMENT OF PROJECT OBJECTIVES AND ORGANIZATION

Prepared for

FEDERAL EMERGENCY RELIEF ADMINISTRATION

(Research and Statistics)

Project No. 1039 -- City Housing Survey

A series of surveys and plans of the more flagrant slum areas. This is an effort to: (1) Collect Housing and Health facts on existing conditions; (2) Discover cause of these unhealthy and unhappy conditions; (3) A series of outlined plans and programs for rehabilitation, restoration, possible slum clearance and housing.

1. Specific purposes to be served by the project.

The specific purpose of this project is to gather basic information needed in planning for better housing and higher living and health standards.

Relief projects, slum clearance, and rehabilitation of industrial and stranded groups will be the ultimate aim.

2. Group or groups sponsoring the project.

The Iowa State Planning Board, the Iowa State Department of Health and officials and citizens of all cities surveyed are assisting with the project.

3. Name of the director.

The Project Supervisor is Dr. W. L. Bierring, Department of Sanitary Engineering, State House, Des Moines. Dr. Bierring is widely known throughout the state for his work in the medical field. He is President of the American Medical Association.

3. Continued.

Dr. George Von Tungeln, Sub-Project Supervisor, is known in the field of Agricultural Sociology. He has had twenty years of experience in relief work.

4. Data to be obtained.

Surveys and plans are being made of the slum areas in cities over ten thousand. Data will be collected on the existing conditions in regard to health and housing surveys. The causes of the conditions will be analyzed. A series of outlined plans and programs for rehabilitation, restoration, possible slum clearance, and housing are being prepared.

5. Sources of data.

Data is obtained by means of a house to house canvass and from all public sources.

6. Geographic area to be covered.

The survey is intended to present typical housing cross sections of several cities over 10,000 in population. Des Moines, Dubuque, Fort Dodge, and Sioux City are now being surveyed.

7. The approximate number of persons and other units to be investigated.

The lower one-fourth of the respective city's population will be investigated. Surveys will be made in other cities after the completion of the four districts mentioned above.

8. A tentative copy of the questionnaire to be used.

The attached questionnaire is being used.

9. Estimated costs appropriately divided.

The personnel salary for June is \$1,728.00 and \$220.00 is allotted for travel and subsistence, for July \$2,376.00 and \$420.00 is allotted for transportation and subsistence.

10. Types of personnel.

The personnel includes 6 field workers and 12 clerks and stenographers for June; 2 supervisors, 13 local relief field workers, 3 clerks, and 2 housing coordinators (architects) for the month of July.

11. Estimated man-hours for each type of personnel.

Each member of the personnel averages 44 man-hours per week.

12. Provisions, if any, for tabulation and publication.

Statistical material is being prepared and will be subject to publication later on in the year. Typical housing studies for the cities surveyed will be prepared as an incentive to housing improvement, reemployment, and rehabilitation of shack and slum areas. This may also include various Public Work proposals.

IOWA STATE PLANNING BOARD

August 23, 1934

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IOWA STATE PLANNING BOARD

Project 1039 -- Housing and Health
City Housing Survey

Board Members

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State House, Des Moines,
Iowa.
Mrs. Fred Jarvis, Oskaloosa, Iowa.
A. E. Rapp, Fish and Game Commission, Council Bluffs,
Iowa.

Technical Advisors

- Charles De Jarnette, Architect, Des Moines, Iowa.
W. E. Galligan, Civil Engineering Department, I. S. C.
Ames, Iowa.
Henry Giese, Architectural Engineering Department,
Professor, I. S. C., Ames.
A. H. Kimball, Architectural Engineering, Head and
Professor, I. S. C., Ames.
Margaret Reid, Professor in Economics, I. S. C., Ames.
Paul Taff, Assistant Director Agricultural Extension
Service, Ames, Iowa.
Ina Tyler, Director of Relief Work, S. U. I., Iowa City.
A. H. Wieters, State Department of Health, State House,
Des Moines, Iowa.

IOWA STATE PLANNING BOARD
STATEMENT OF PROJECT OBJECTIVES AND ORGANIZATION

Prepared for
FEDERAL EMERGENCY RELIEF ADMINISTRATION

(Research and Statistics)

Project No. 1041 -- Business Survey

July, 1934
P. H. Elwood
Director-Consultant

IOWA STATE PLANNING BOARD
STATEMENT OF PROJECT OBJECTIVES AND ORGANIZATION

Prepared for
FEDERAL EMERGENCY RELIEF ADMINISTRATION
(Research and Statistics)

Project No. 1041 -- Business Survey

This survey includes (1) a detailed history of the depression in Iowa, showing the time, severity, and geographic extent of the major dislocations in the various fields of business; (2) an analysis of trading areas in the state for various types of retail, wholesale, and manufacturing industries. Notation will be made of the changes in these areas in the past ten years and the apparent effect of these changes upon Iowa business; and (3) an analysis of changes in banking habits which will show the effect of the depression upon the banking habits among the people of the state.

1. Specific purposes to be served by the project.

The purposes of this project are to provide the people of the State of Iowa with information concerning the nature and severity of the depression and to provide them with information which will constitute a suitable foundation for a more rational policy of business expansion.

2. Groups or group sponsoring the project.

The groups assisting in the work are: The Bureau of Business Research, the College of Commerce of the University of Iowa, and Iowa State College.

3. Name of director.

The Project Supervisor is Dean C. A. Phillips of the College of Commerce of the University of Iowa.

4. Data to be obtained.

Most of the information not otherwise available which will be used in compiling a history of the

depression will be based upon the monthly volume of sales for the period 1925-1934 for representative retail, wholesale, and manufacturing establishments; the monthly total of building permits for the various cities and towns will be collected and used for the same purpose; market preferences of both rural and urban consumers will be ascertained and changes in market areas over the past ten years will be recorded; changes in banking habits as well as the reasons for these changes will be enumerated over the entire state.

Reports indicating the recent, current, and prospective course of business by cities, counties, and major trading areas and a final report on the state of Iowa will be made.

5. Sources of data.

In addition to a large amount of information which will be made available by the Bureau of Business Research, local enumerators will collect and tabulate from consumers, merchants, and manufacturers the types of information previously listed. Information concerning monthly volume of sales will be collected by questionnaires from lists of business houses which have been in business over a period of ten years. These lists will be compiled by local enumerators; all other information will be obtained by personal visitation.

6. Geographic area or areas to be covered.

This survey will be carried on over the entire state. Organization of the work will be according to Congressional districts as in Project No. 1040.

7. If a survey, approximate number of persons and other units to be investigated.

All the business centers of the state will be surveyed. Approximately 40,000 persons or firms will be contacted directly.

8. A tentative copy of the questionnaire.

Copies of the preliminary forms are attached.

9. Estimated costs appropriately divided, such as supervisory salaries.

The personnel salary for June was \$520.00, with \$125.00 allotted for transportation and subsistence; for July, the personnel salary is \$704.00, with \$250.00 allotted for transportation and subsistence.

10. Types of personnel to be employed.

The personnel staff for June includes 3 engineers and 1 secretary; for July, 1 engineer, 3 economists and 1 stenographer.

A minimum of 10,000 hours of local relief labor will be utilized.

11. Estimated man-hours for each type of personnel.

Each member of the personnel averages 44 man-hours per week.

12. Provisions, if any, for tabulation and publication.

Upon the receipt of the questionnaires and reports, the data will be compiled and tabulated. Material will be published when completed and, in part, included in the reports to the National Resources Board.

Form 20 E - Industrial Materials and Markets

1. Source of information. Manufacturing and mining establishments.
2. Method. Direct personal visitation by county enumerators.
3. Size of sample. 90% of 3,500 establishments.
4. Use. Marketing information will be used in the market survey described in connection with Form 10 E. All information from these forms will be used in the industrial survey to be described in connection with Form 21 E.

IOWA STATE PLANNING BOARD

Part I

a. What are your principal products? _____

b. In what states do you purchase most of your raw materials?

| | | | |
|--------------|-------|-------|---|
| First state | _____ | _____ | % |
| Second state | _____ | _____ | % |
| Third state | _____ | _____ | % |
| Fourth state | _____ | _____ | % |

c. In what states do you market the major portion of your products?

| | | | |
|--------------|-------|-------|---|
| First state | _____ | _____ | % |
| Second state | _____ | _____ | % |
| Third state | _____ | _____ | % |
| Fourth state | _____ | _____ | % |
| Fifth state | _____ | _____ | % |

Part II

a. Do you give part-time employment to farm labor? _____
If so, during what months? _____

b. Approximately what per cent of your pay roll is paid to farm labor? _____

Form 21 E - Industrial Sources Survey

1. Source of information. Local Chambers of Commerce, individual business men and community organizations.
2. Method. Direct enumeration by county enumerators.
3. Size of sample. This information will be collected for each of the 800 incorporated towns of the state of Iowa.
4. Use. Together with a large amount of information already available or being collected by other committees of the State Planning Board, these data will be used in compiling brief surveys of the industrial resources and opportunities of the various communities of the state. Information contained in this questionnaire represents only a small fraction of the material which will be used in these reports. Detailed surveys of transportation facilities and costs, power facilities and costs, and the availability and qualifications of labor are being conducted by other committees of the State Planning Board and will be made available for writing these reports.

IOWA STATE PLANNING BOARD

Power:

- a. Retail price per ton of steam coal in car lots.
- 1) Central and Northern Illinois \$ _____
 - 2) Southern Illinois _____
 - 3) Indiana _____
 - 4) Eastern Kentucky _____
 - 5) Western Kentucky _____
 - 6) Iowa _____

Unoccupied factory buildings:

- a. Location (street and number) _____
- b. Size (dimensions and stories) _____
- c. Type of construction (frame, masonry, etc.) _____
- d. Previous use (type of business) _____
- e. Switch track (available?) _____
- f. Paved street (adjacent) _____
- g. Approximate rental (in dollars per month) _____
- h. What portion of the old machinery is still in building? _____

List additional buildings on back of this sheet.

Inactive firms:

- a. List of firms in your town which regularly employ 10 or more persons and have become inactive since 1929.

| Name of firm | Average no. of employees | Principal products |
|--------------|--------------------------|--------------------|
| _____ | _____ | _____ |
| _____ | _____ | _____ |
| _____ | _____ | _____ |
| _____ | _____ | _____ |
| _____ | _____ | _____ |

| Apparent cause of inactivity | Is the firm still in existence? | Does it still have possession of its productive equipment? |
|------------------------------|---------------------------------|--|
| _____ | _____ | _____ |
| _____ | _____ | _____ |
| _____ | _____ | _____ |
| _____ | _____ | _____ |
| _____ | _____ | _____ |

IOWA STATE PLANNING BOARD

STATEMENT OF PROJECT OBJECTIVES AND ORGANIZATION

Prepared for

FEDERAL EMERGENCY RELIEF ADMINISTRATION

(Research and Statistics)

Project No. 1042 -- Zoning and City and Regional Planning

July, 1934
P. H. Elwood
Director-Consultant

IOWA STATE PLANNING BOARD
STATEMENT OF PROJECT OBJECTIVES AND ORGANIZATION
Prepared for
FEDERAL EMERGENCY RELIEF ADMINISTRATION
(Research and Statistics)

Project No. 1042 -- Zoning and City and Regional Planning

Collecting all existing information on parks, playgrounds, as well as zoning and city planning ordinances in effect or proposed together with a study for future regulations and to provide a comprehensive recreation program for the state and to control building and construction to protect private investments, and to preserve the amenities in our rural and urban communities.

1. Specific purposes to be served by the project.

The main purpose of this survey is to collect essential information for proper zoning and planning regulations for maintaining and elevating standards of living and environment and the protection of life, property and the amenities.

2. Group or groups sponsoring the project.

Groups assisting in the work are: The United States Bureau of Municipalities, The National Conference on City Planning, The Iowa State Board of Conservation, American Civic Association, City Planning Commissions, Iowa State College, and the University of Iowa.

3. Name of director.

The Project Supervisor is J. R. Fitzsimmons, Landscape Architect for Iowa State Board of Conservation.

4. Data to be obtained.

Data will be collected on all existing information

4. Continued.

on parks, playgrounds, and other recreational areas in cities and towns. Zoning and city planning ordinances that are in effect will be analyzed. A study will be made for future land use zoning program for the state.

5. Sources of data.

Data is obtained by means of city planning and zoning ordinances. Field surveys are providing material for mapping.

6. Geographic area or areas to be covered.

The cities and towns of the whole state.

7. If a survey, approximate number of persons and other units to be surveyed.

Over 800 cities and towns have been surveyed and analyzed.

8. A tentative copy of the questionnaire to be used.

A copy of the tabulation form is attached.

9. Estimated costs appropriately divided, such as supervisory salaries, supplies, etc.

The personnel budget for May and June is \$1,528.00 with \$450.00 allotted for transportation and subsistence, for July, \$1,252.00 for personnel budget and \$450.00 for transportation and subsistence.

10. Types of personnel to be employed and their respective numbers.

The personnel includes 2 compilers, 3 draftsmen, 7 field men, and 1 clerk for May and June; for July 3 field men, 5 draftsmen, 3 compilers, and 1 clerk.

11. The estimated number of man-hours for each type of personnel.

The entire personnel averages 44 man-hours per week. Relief labor in drafting maps has been used in many instances.

12. Provisions, if any, for tabulation and publication.

Statistical data on completed surveys is now being prepared as a basis for charts diagrams and basic material for a series of planning suggestions and outlines.

IOWA STATE PLANNING BOARD

August 23, 1934

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IOWA STATE PLANNING BOARD

Project 1042 -- Zoning and City
and Regional Planning

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P. F. Hopkins, Chief Engineer of P. W. A., Des Moines, Iowa.
A. E. Rapp, State Fish and Game Commission, Council Bluffs,
Iowa.

Technical Advisors

J. R. Fitzsimmons, Landscape Architect, Board of
Conservation, I. S. C., Ames, Iowa.
Norman A. Morris, Landscape Architect, Extension
Service, I. S. C., Ames.
L. J. Murphy, Engineering, Extension Service, I. S. C.,
Ames.
T. W. Schultz, Agricultural Engineering, Professor,
I. S. C., Ames.
L. O. Stewart, Engineering, Professor, I. S. C., Ames.

IOWA STATE PLANNING BOARD

STATEMENT OF PROJECT OBJECTIVES AND ORGANIZATION

Prepared for

FEDERAL EMERGENCY RELIEF ADMINISTRATION

(Research and Statistics)

Project No. 1043 -- Rural and Secondary Adult Education Survey

July, 1934
P. H. Elwood
Director-Consultant

IOWA STATE PLANNING BOARD

STATEMENT OF PROJECT OBJECTIVES AND ORGANIZATION

Prepared for

FEDERAL EMERGENCY RELIEF ADMINISTRATION

(Research and Statistics)

Project No. 1043 -- Rural and Secondary Adult Education Survey

Survey of the rural, secondary and adult educational facilities of the state including tabulation and organization of present available information. These data are needed for plan for reorganizing rural adult education in Iowa and formulating a program of construction of secondary and rural schools in the state.

1. Specific purposes to be served by the project.

The purpose of the survey will be to analyze the present educational facilities in the rural, adult, and secondary regions.

The proposed educational plan will raise health standards and general social conditions and provide children with improved facilities. Also adult education, library organization and health programs will be organized.

A proposed reorganization of present school districts including building programs for rural and secondary schools, community centers, recreation halls, and others is included.

2. Group or groups sponsoring the project.

The University of Iowa, Iowa State College, Iowa State Teacher's College, and the Iowa State Educational Department are assisting the project workers.

3. Name of director.

Mrs. Fred Jarvis of Oskaloosa, Iowa, is the Project

3. Continued.

Supervisor. Mrs. Jarvis is assisted in the various phases of the work by Sub-Project Supervisors.

They are I. T. Hart, Extension Division, I.S.T.C., Cedar Falls, Iowa, Mr. R. C. Williams, Iowa Department of Public Instruction, State House, Des Moines, Iowa, Dean P. C. Packer, School of Education, University of Iowa, Iowa City, and Professor Barton Morgan, Vocational Education Department, Iowa State College.

4. Data to be obtained.

Data on rural school conditions will include administration, buildings, equipment and grounds, teaching methods, average number of students per teacher, financing, transportation, and distance of students from respective schools.

Data on Adult Education will include the number of young men and women out of high school who are not employed, opportunities for college and university education and leadership in rural districts.

5. Sources of data.

Data is obtained from State Educational Department at State University of Iowa, Iowa State College, State Teacher's College, Farm Bureau, Book of Iowa, and from county superintendents.

6. Geographic area or areas to be covered.

The area includes the entire state. The survey will be made by counties.

7. If a survey, approximate number of persons and other units to be investigated.

The survey includes rural and urban districts.

8. A tentative copy of the questionnaire to be used.

A copy of the questionnaire is attached.

9. Estimated costs appropriately divided, such as supervisory salaries, supplies, etc.

The personnel salary budget is \$764.00 for May and June with \$180.00 allowed for transportation and subsistence, for July \$1,028.00 and \$330.00 for transportation and subsistence.

10. Types of personnel to be employed and their respective numbers.

The personnel includes 2 field workers and 5 statisticians for May and June and 3 field workers and 5 statisticians for July.

11. Estimated man-hours for each type of personnel.

Each member of the personnel serves 44 man-hours per week.

12. Provisions, if any, for tabulation and publication.

The surveys are now being carried on and data will be ready for tabulation later. Publication will be made by the Iowa State Planning Board or by the various State Educational Agencies.

IOWA STATE PLANNING BOARD

August 23, 1934

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Chester A. Phillips, Iowa City
A. E. Rapp, Council Bluffs
A. C. Trowbridge, Iowa City
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IOWA STATE PLANNING BOARD
STATEMENT OF PROJECT OBJECTIVES AND ORGANIZATION

Prepared for
FEDERAL EMERGENCY RELIEF ADMINISTRATION
(Research and statistics)
Land Utilization
Sub-Project No. 1032 -- Part-time Farming

July, 1934
P. H. Elwood
Director-Consultant

IOWA STATE PLANNING BOARD
STATEMENT OF PROJECT OBJECTIVES AND ORGANIZATION

Prepared for
FEDERAL EMERGENCY RELIEF ADMINISTRATION
(Research and Statistics)

Land Utilization
Sub-Project No. 1032 -- Part-time Farming

This includes a fact-finding survey in regard to present part-time farming operations in the state and elsewhere bearing on the future policy and plan for subsistence or part-time farming plans for future development of garden farms.

1. Specific purposes to be served by the project.

There are two objectives for this project.

- a. To complete the tabulation, summarization and analysis of the part-time farming survey data secured under the CWA project.
- b. Considerable information is still needed to formulate plans for Iowa in regard to rural rehabilitation.

Basic facts concerning living standards and small acreages are needed.

2. Group or groups sponsoring the project.

Groups assisting the project are: The Rural Rehabilitation Committee, Iowa State College Extension Service, F. E. R. A., and the Iowa State Planning Board.

3. Name of director.

Professor Paul Taff, as assistant director of the Iowa State College Extension Service, is well informed as to the several phases of agriculture and industry in this state and also the more pressing social and economic needs of the people at this

5. Continued.

informed people. House to house canvasses will be made.

6. Geographic area or areas to be covered.

The work will be carried on over the entire state.

7. If a survey, approximate number of persons and other units to be investigated.

Data now being prepared on one of the surveys includes 800 different cases.

8. A tentative copy of the questionnaire to be used.

A questionnaire is not used.

9. Estimated costs appropriately divided, such as supervisory salaries, supplies, etc.

The May and June budget for the personnel totals \$338.00 and \$110.00 for transportation and subsistence; for July \$372.00 with \$110.00 allotted for transportation and subsistence.

10. Types of personnel to be employed and their respective number.

The personnel for May and June includes 1 field worker, 1 compiler, and 1 clerk; for July 1 field worker, 2 clerks, and 1 draftsman.

11. Estimated man-hours for each type of personnel

Each member of the personnel averages 44 man-hours per week.

12. Provisions, if any, for tabulation and publication

Data secured will be tabulated. Publication of the results will be made by the Agricultural Experiment Station or by the Iowa State Planning Board.

Iowa State College Extension Service, is well informed as to the several phases of agriculture and industry in this state and also the more pressing social and economic needs of the people at this

IOWA STATE PLANNING BOARD
STATEMENT OF PROJECT OBJECTIVES AND ORGANIZATION

Prepared for

FEDERAL EMERGENCY RELIEF ADMINISTRATION

(Research and Statistics)

Land Utilization
Project No. 1033 -- Forests and Waste Land

IRAS CONTENT

July, 1934
P. H. Elwood
Director-Consultant

IOWA STATE PLANNING BOARD
STATEMENT OF PROJECT OBJECTIVES AND ORGANIZATION

Prepared for
FEDERAL EMERGENCY RELIEF ADMINISTRATION
(Research and Statistics)

Land Utilization
Project No. 1033 -- Forests and Waste Land

A reconnaissance survey to determine location, marsh areas, erosion areas and other waste lands not suitable for agriculture to secure basic data needed to plan effectively a suitable land utilization program for the state.

1. Specific purposes to be served by the project.

The specific purpose of this project is to find basic data for the most effective use of the land so that permanent returns will be insured from the land along with better living conditions.

Submarginal land will be purchased for forests, recreation, parks and lakes, stabilization of water supply and elimination of erosion and possibly game farms and wild life refuges.

2. Group or groups sponsoring the project.

The project is sponsored by the following agencies, among others: The State Planning Board of Iowa, The State Board of Conservation, The Iowa State Fish and Game Commission, The Iowa Agricultural Experiment Station, and Forestry Department, Iowa State College.

3. Name of director.

Professor G. B. MacDonald is Project Supervisor. Professor MacDonald, head of the Forestry Department at Iowa State College, directs the E. G. W. work in Iowa.

4. Data to be obtained.

Maps of each township in the various counties covered, showing forest areas, marshes, lakes, swamps, badly eroded areas, etc. Also detailed data relating to each section of land covered in the survey. This data is to be summarized and organized for the different townships and counties. Also, township maps are to be prepared showing the different classes of land in the various townships.

5. Sources of data.

Field surveys covering each section in the counties are being made.

6. Geographic area or areas to be covered.

The survey includes all of the counties in the state. Work in 57 counties had been completed by the end of June.

7. If a survey, approximate number of persons and other units to be investigated.

The survey includes all the area in the counties of Iowa. The work will be carried on by townships.

8. A tentative copy of the questionnaire to be used.

A copy is attached of the form which is being used to show the information concerning each section covered in the survey. In addition, a map is prepared in the field.

9. Estimated costs appropriately divided, such as supervisory salaries, supplies.

The personnel salary for May and June is \$1,600.00 with \$1,008.00 allotted for transportation and subsistence; for July, \$2,272.00 with \$1,008.00 for transportation and subsistence.

10. Types of personnel to be employed and their respective numbers.

The personnel for May and June includes 4 engineers and for July 4 engineers and 1 field worker.

11. Estimated man-hours for each type of personnel.

Each member of the personnel averages 44 man-hours per week.

12. Provisions, if any, for tabulation and publication.

Material for publication will be ready at the close of the survey. Reports are presented from time to time for consideration of Federal Land Policy Officials.

IOWA STATE PLANNING BOARD

STATEMENT OF PROJECT OBJECTIVES AND ORGANIZATION

Prepared for

FEDERAL EMERGENCY RELIEF ADMINISTRATION

(Research and Statistics)

Land Utilization

Sub-Project No. 1034 -- Soils Survey

July, 1934

P. H. Elwood

Director-Consultant

IOWA STATE PLANNING BOARD

STATEMENT OF PROJECT OBJECTIVES AND ORGANIZATION

Prepared for

FEDERAL EMERGENCY RELIEF ADMINISTRATION

(Research and Statistics)

Land Utilization

Sub-Project No. 1034 -- Soils Survey

Continuation of present soil survey in five counties in collaboration with Federal Bureau of Chemistry and Soils; this in addition to the 84 counties already completely surveyed.

1. Specific purposes to be served by the project.

The ultimate aim of this survey is to stabilize returns by furnishing basic data for proper land utilization insuring higher living standards by the use of land best suited for production.

Relief projects under the State Rural Rehabilitation Committee and basic data for a full program and planned agricultural and land utilization are now under way.

2. Group or groups sponsoring the project.

The project is sponsored by the Iowa Agricultural Experiment Station, the United States Bureau of Chemistry and Soils along with several of the committees of the Iowa State Planning Board.

3. Name of director.

Professor P. E. Brown, head of the Iowa State College Soils Department, is well qualified to direct the project. Professor Brown has extensive knowledge of the soil resources of Iowa and their present needs. This information together with his long experience in conducting research in soils are invaluable in the formulation of plans for the

3. Continued.

rehabilitation and the future improved use of Iowa soils.

4. Data to be obtained.

Detailed soil mapping showing all soil types, roads, railroads, drainage lines, houses, cities, together with a report on the soil survey, giving complete information regarding the soils and agricultural conditions in the county surveyed are being made.

5. Sources of data.

Soil maps of the county by townships and sections are being prepared.

6. Geographic area or areas to be covered.

The survey includes all the counties of the entire state. Seventy-two counties have turned in reports, twelve counties have their field work completed, four new counties are being surveyed, and eleven have not been started.

7. If a survey, approximate number of persons and other units to be investigated.

The survey will ultimately cover all the counties in the state.

8. Estimated costs appropriately divided, such as supervisory salaries.

The personnel budget for May and June is \$576.00 with \$574.00 allotted for transportation and subsistence; for July, \$576.00 and \$574.00 for transportation and subsistence.

9. A tentative copy of the questionnaire to be used.

A questionnaire is not used.

10. Types of personnel to be employed and their respective numbers.

The personnel for May, June, and July includes 4 engineers.

11. Estimated man-hours for each type of personnel.

Each man averages 44 man-hours per week.

12. Provisions, if any, for tabulation and publication.

The publication of maps and reports will be handled by the United States Bureau of Chemistry and soils and the Iowa Agricultural Experiment Station.

IOWA STATE PLANNING BOARD

Land Utilization
Sub-Project No. 1034 -- Soils Survey

Board Members

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Technical Advisors

R. K. Bliss, Director Agricultural Experiment Station,
I. S. C., Ames, Iowa.
I. T. Bode, State Fish and Game Commission, State House,
Des Moines, Iowa.
P. E. Brown, Head of Farm Crops and Soils Department,
I. S. C., Ames, Iowa.
R. E. Buchanan, Director of Agricultural Experiment Station,
I. S. C., Ames, Iowa.
Paul E. Cox, Head of Ceramic Engineering, I. S. C., Ames, Iowa.
J. B. Davidson, Head of Agricultural Engineering Department,
I. S. C., Ames, Iowa.
Paul Errington, Professor in Entomology, I. S. C., Ames, Iowa.
J. R. Fitzsimmons, Landscape Architect, State Board of
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George Godfrey, Assistant to President, I. S. C., Ames, Iowa.
M. L. Hutton, Board of Conservation, Engineer, State House,
Des Moines, Iowa.
C. P. Lechner, State Fish and Game Commission, Engineer,
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E. C. W. Work, I. S. C., Ames, Iowa.
Murl McDonald, Assistant Director Agricultural Extension
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I. E. Melhus, Head of Botany Department, I. S. C., Ames, Iowa.
W. G. Murray, Professor Agricultural Economics Department,
I. S. C., Ames, Iowa.
Millard Peck, Professor Agricultural Economics, I. S. C.,
Ames, Iowa.
T. W. Schultz, Professor Agricultural Economics, I. S. C.,
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Dr. B. Shimek, Professor of Botany, S. U. I., Iowa City, Iowa.
Paul Taff, Assistant Director Agricultural Extension Station,
I. S. C., Ames, Iowa.

Progress of the Iowa Soil Survey

July 1, 1934

Counties with Reports

| | | |
|---------------|-----------|------------|
| Bremer | Louisa | Page |
| Pottawattamie | Palo Alto | Jasper |
| Muscatine | Winnebago | O'Brien |
| Webster | Polk | Greene |
| Lee | Marshall | Des Moines |
| Sioux | Madison | Benton |
| Van Buren | Adair | Grundy |
| Clinton | Cedar | Floyd |
| Scott | Mahaska | Worth |
| Ringgold | Fayette | Jefferson |
| Mitchell | Wright | Clarke |
| Clay | Johnson | Winnishiek |
| Montgomery | Mills | Appanoose |
| Black Hawk | Boone | Plymouth |
| Henry | Dubuque | Jones |
| Buena Vista | Emmet | Carroll |
| Linn | Delaware | Chickasaw |
| Wapello | Cherokee | Lyon |
| Harrison | Warren | Buchanan |
| Fremont | Clayton | Union |
| Howard | Dickinson | Pocahontas |
| Kossuth | Hardin | Butler |
| Wayne | Dallas | Sac |
| Hamilton | Woodbury | Calhoun |

Total 72

Counties with Field Work Completed

| | | |
|------------|----------|---------|
| Poweshiek | Guthrie | Ida |
| Washington | Franklin | Davis |
| Crawford | Monroe | Audubon |
| Hancock | Marion | Osceola |

Total 12

New Counties Being Surveyed in 1934

| | | | |
|-------------|-------|---------|---------|
| Cerro Gordo | Story | Jackson | Decatur |
|-------------|-------|---------|---------|

Counties Not Surveyed

| | | |
|-----------|--------|----------|
| Keokuk | Iowa | Humboldt |
| Lucas | Adams | Cass |
| Taylor | Shelby | Monona |
| Allamakee | Tama | |

Total 11

IOWA STATE PLANNING BOARD
STATEMENT OF PROJECT OBJECTIVES AND ORGANIZATION

Prepared for

FEDERAL EMERGENCY RELIEF ADMINISTRATION

(Research and Statistics)

Land Utilization
Sub-Project 1035 -- Upland Game & Water Fowl

July, 1934
P. H. Elwood
Director-Consultant

IOWA STATE PLANNING BOARD

STATEMENT OF PROJECT OBJECTIVES AND ORGANIZATION

Prepared for

FEDERAL EMERGENCY RELIEF ADMINISTRATION

(Research and Statistics)

Project No. 1035 -- Upland Game and Waterfowl

Reconnaissance survey of the present and proposed waterfowl and upland game resources, as well as a program for their conservation and necessary and desirable land purchases and withdrawals and construction and operation necessary for carrying out the program.

1. Specific purposes to be served by the project.

The purpose of this survey is to analyze the present and proposed waterfowl and upland game resources. A program will be outlined for the conservation. Land suited for lakes and game centers will be developed.

2. Group or groups sponsoring the project.

The project is sponsored by the Iowa State Fish and Game Commission, the Iowa State Board of Conservation, and the Department of Zoology at Iowa State College.

3. Name of the director.

The Project Supervisor is I. T. Bode who is the Fish and Game Warden for the State of Iowa. Mr. Bode is an experienced conservationist with high ideals of public service.

4. Data to be obtained.

Maps will be prepared on the present and proposed waterfowl and upland game resources, as well as a program for their conservation and necessary and desirable land purchases, withdrawals, construc-

4. Continued.

tion, and operation necessary for carrying out the program.

5. Sources of data.

The farm management, farm crops and soil, farm economics and soil erosion groups will give coordinating guidance to the project. There will be coordination with the National Program and with the local taxing and government units.

6. Geographic area or areas to be covered.

The survey will be carried on over the entire state.

7. If a survey, approximate number of persons and other units to be investigated.

The survey includes all areas in the state that will be adaptable for fish and game centers.

8. A tentative copy of the questionnaire.

A questionnaire is not used. All surveys are made in person on the ground except for certain aspects of the housing situation.

9. Estimated costs appropriately divided.

The personnel salary is \$576.00 for June; \$676.00 for July with \$620.00 allotted for transportation and subsistence.

10. Types of personnel to be employed and their respective numbers.

The personnel for May and June includes 4 engineers and for July 4 engineers and 1 field worker.

11. Estimated man-hours for each type of personnel.

Each member of the personnel averages 44 man-hours per week.

12. Provisions, if any, for tabulation and publication.

Material for publication will be ready at the close of the survey. Reports are presented from time to time for consideration of Federal Land Policy Officials.

IOWA STATE PLANNING BOARD

May 25, 1934

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Mrs. Fred Jarvis, Oskaloosa
Mrs. Henry Frankel, Des Moines
Mrs. Grace Gilbert King, West Union
William P. Woodcock, Spencer
A. E. Rapp, Council Bluffs
J. N. Darling, Des Moines
Fred White, Ames
A. C. Trowbridge, Iowa City
Walter L. Bierring, Des Moines
Chester A. Phillips, Iowa City
George Keller, Des Moines
P. F. Hopkins, Des Moines
Frank D. Paine, Ames

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A. E. Rapp

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IOWA STATE PLANNING BOARD

Land Utilization
Sub-Project 1035 -- Upland Game & Waterfowl

Board Members

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I. S. C., Ames, Iowa.
J. N. Darling, Chief, Biological Survey, Washington D. C.
Mrs. Henry Frankel, State Board of Conservation, Des Moines,
Iowa.

Technical Advisors

R. K. Bliss, Director Agricultural Experiment Station,
I. S. C., Ames, Iowa.
I. T. Bode, State Fish and Game Commission, State House,
Des Moines, Iowa.
P. E. Brown, Head of Farm Crops and Soils Department,
I. S. C., Ames, Iowa.
R. E. Buchanan, Director of Agricultural Experiment Station,
I. S. C., Ames, Iowa.
Paul E. Cox, Head of Ceramic Engineering, I. S. C., Ames, Iowa.
J. B. Davidson, Head of Agricultural Engineering Department,
I. S. C., Ames, Iowa.
Paul Errington, Professor in Entomology, I. S. C., Ames, Iowa.
J. R. Fitzsimmons, Landscape Architect, State Board of
Conservation, I. S. C., Ames, Iowa.
George Godfrey, Assistant to President, I. S. C., Ames, Iowa.
M. L. Hutton, Board of Conservation, Engineer, State House,
Des Moines, Iowa.
C. P. Lechner, State Fish and Game Commission, Engineer,
State House, Des Moines, Iowa.
G. B. MacDonald, Assistant Director Agricultural Extension,
Station, I. S. C., Ames, Iowa.
Murl McDonald, Assistant Director Agricultural Extension
Station, I. S. C., Ames, Iowa.
I. E. Melhus, Head of Botany Department, I. S. C., Ames, Iowa.
W. G. Murray, Professor Agricultural Economics, I. S. C.,
Ames, Iowa.
Millard Peck, Professor Agricultural Economics, I. S. C.,
Ames, Iowa.
T. W. Schultz, Professor Agricultural Economics, I. S. C.,
Ames, Iowa.
W. H. Stevenson, Vice-Director Agricultural Experiment
Station, I. S. C., Ames, Iowa.
Dr. B. Shimek, Professor of Botany, S. U. I., Iowa City, Iowa.
Paul Taff, Assistant Director Agricultural Extension Station,
I. S. C., Ames, Iowa.

IOWA STATE PLANNING BOARD
STATEMENT OF PROJECT OBJECTIVES AND ORGANIZATION

Prepared for
FEDERAL EMERGENCY RELIEF ADMINISTRATION
(Research and Statistics)
Project 1036 -- Transportation

July, 1934
P. H. Elwood
Director-Consultant

IOWA STATE PLANNING BOARD
STATEMENT OF PROJECT OBJECTIVES AND ORGANIZATION
(Prepared for)
FEDERAL EMERGENCY RELIEF ADMINISTRATION
(Research and Statistics)
Project 1036 -- Transportation

A detailed and thorough study of the transportation problems of the state in order to prepare a complete transportation program efficient, economical, and attractive in its varied elements.

1. Specific purposes to be served by the project.

The purpose of this project is to raise the standards of safety on the highways and railways and waterways and lessen the ultimate cost of transportation.

2. Group or groups assisting with the project.

The project is sponsored by the Highway Commission, Railway Companies, Power and Light Companies, University of Iowa, and Iowa State College.

The project has been divided into 5 parts or sub-projects each under a separate committee as follows: (1) Railways, (2) Highways, (3) Airways, (4) Waterways, (5) Pipe Lines.

3. Name of the director.

The Project Supervisor is Fred White, Chief Engineer for the State Highway Commission.

Anson Marston, formerly Dean of Engineering of Iowa State College, has been employed as coordinator of the various sub-projects into a unified transportation system of the state.

4. Data to be obtained.

Data will be prepared on the work done on highway paving, roadside improvement, grade percentage, elimination of crossings, bridges, dams, docks, wharfs, water fronts, freight assembling and distributing centers of the state.

5. Sources of data.

Data will be obtained from existing surveys in regard to highways, railways, pipe lines, power and light facilities.

Data will be prepared in areas where the survey has not been carried on.

6. Geographic area or areas to be covered.

The area includes the entire state.

7. If a survey, approximate number of persons and other units to be investigated.

Each township will be investigated. The counties, as a whole, and the state, also, will be analyzed in regard to highway crossings.

8. A tentative copy of the questionnaire to be used.

A questionnaire is not used.

9. Estimated costs appropriately divided, such as supervisory salaries.

The project is financed by the State Highway Commission. No Federal Funds are being expended.

10. Types of personnel to be employed.

The personnel includes 1 coordinator, 1 field worker, and 1 necessary draftsman.

11. Estimated man-hours for each type of personnel.

Each man averages 44 man-hours per week.

12. Provisions, if any, for tabulation and publication.

Data on the survey will be published when it is completed. This may be done by the Iowa State Planning Board.

IOWA STATE PLANNING BOARD
Project 1036 -- Transportation

Board Members

Fred White, Chairman, Chief Engineer State Highway
Commission, Ames.
Mrs. Henry Frankel, Board of Conservation, Des Moines,
Iowa.
William Woodcock, Chairman, Board of Conservation,
Spencer, Iowa.

Technical Advisors

T. R. Agg, Dean of Engineering, I. S. C., Ames.
Col. W. A. Bevan, Engineering Department, Professor,
I. S. C., Ames.
Charles Gatchett, Aeronautic Engineer, Des Moines.
R. B. Kittredge, Engineer, S. U. I., Iowa City.
Anson Marston, Formerly Dean of Engineering, I. S. C.
Ames.
Sidney L. Miller, Professor of Commerce, Director in
Business Research, S. U. I.
Iowa City.
R. A. Moyer, Professor in Civil Engineering, I. S. C.
Iowa City.
C. L. Person, Assistant Chief Engineer, C. B. & W.,
Chicago, Illinois.
W. O. Price, Highway Commission, Ames, Iowa.

IOWA STATE PLANNING BOARD
STATEMENT OF PROJECT OBJECTIVES AND ORGANIZATION

Prepared for

FEDERAL EMERGENCY RELIEF ADMINISTRATION

(Research and Statistics)

Project 1037 -- Town and Village Housing

July, 1934
P. H. Elwood
Director-Consultant

IOWA STATE PLANNING BOARD
STATEMENT OF PROJECT OBJECTIVES AND ORGANIZATION

Prepared for

FEDERAL EMERGENCY RELIEF ADMINISTRATION

(Research and Statistics)

Project 1037 -- Town and Village Housing

To complete housing information in the towns and villages in ten counties where rural housing surveys are already completed. Typical recreational information to be collected in these counties and throughout the state.

1. Specific purposes to be served by the project.

The purpose of the program is to encourage continuity of planning and a practical program of construction and execution of those plans over a period of years.

The basic data will be used to prepare plans for the elimination of rural slums and raise standards of living.

2. Group or groups sponsoring the project.

The project is sponsored by the Social Service Workers in various cities, Iowa State College, University of Iowa, and the Iowa State Board of Health.

3. Name of the director.

Dr. Margaret Reid is the Project Supervisor. Dr. Reid has an extensive knowledge of the existing conditions of Iowa homes and their present needs. She conducted the Rural Housing Survey in 10 Iowa Counties.

4. Data to be obtained.

Surveys are being made on housing conditions in villages and towns. The housing information gathered

4. Continued.

from the ten counties will be completed. Typical recreational information is to be collected from the counties.

5. Sources of data.

Data is being collected by a house to house canvas. Information sheets have been received from the United States Bureau of Home Economics.

6. Geographic area to be covered.

The area that has been covered extends over 10 counties. Housing surveys are being made in proposed rehabilitation areas.

7. If a survey, approximate number of persons and other units to be investigated.

Approximately 5,000 homes were analyzed by June 1 and there will be 10,000 by the latter part of July.

8. A tentative copy of the questionnaire to be used.

The town and village questionnaire is attached.

9. Estimated costs appropriately divided, such as supervisory salaries, supplies, etc.

The personnel budget for May and June is \$1,664.00 with \$804.00 allotted for transportation and subsistence in June, \$1,920.00 for July and \$840.00 for transportation and subsistence.

10. Types of personnel to be employed and their respective numbers.

The personnel includes 14 field workers, 2 clerks, and 1 supervisor; for July, 14 field workers, 1 supervisor, 2 tabulators, and 3 clerks.

11. Estimated man-hours for each type of personnel.

All members of the personnel will work 44 man-hours per week.

Page 3
Project 1037

12. Provisions, if any, for tabulation and publication.

The material is now being tabulated and will be ready for publication at the close of the survey. This may be done by the Iowa State Planning Board.

IOWA STATE PLANNING BOARD

August 23, 1934

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IOWA STATE PLANNING BOARD
Project 1037 -- Housing and Health

Board Members

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State House, Des Moines,
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A. E. Rapp, Fish and Game Commission, Council Bluffs,
Iowa.

Technical Advisors

Charles De Jarnette, Architect, Des Moines, Iowa
W. E. Galligan, Civil Engineering, Professor, I. S. C.
Ames.
Henry Giese, Architectural Engineering, Professor,
I. S. C., Ames.
A. H. Kimball, Architectural Engineering, Head and
Professor, I. S. C., Ames.
Margaret Reid, Professor in Economics, I. S. C., Ames.
Paul Taff, Assistant Director Agricultural Extension
Service, Ames, Iowa.
Ina Tyler, Director of Relief Work, Iowa City.
A. H. Wieters, State Department of Health, State House,
Des Moines, Iowa.

IOWA STATE PLANNING BOARD

STATEMENT OF PROJECT OBJECTIVES AND ORGANIZATION

Prepared for

FEDERAL EMERGENCY RELIEF ADMINISTRATION

(Research and Statistics)

Project No. 1038 -- Health Survey

July, 1934
P. H. Elwood
Director-Consultant

IOWA STATE PLANNING BOARD

STATEMENT OF PROJECT OBJECTIVES AND ORGANIZATION

Prepared for

FEDERAL EMERGENCY RELIEF ADMINISTRATION

(Research and Statistics)

Project No. 1038 -- Health Survey

Statistical study and analysis in regard to certain diseases, death records, and other data to determine the effectiveness of the present efforts toward the control and prevention of disease. This includes preparation of educational exhibits and graphs and models.

1. Specific purposes to be served by the project.

The purpose of this project will be to make provisions for the protection of public health and raising health standards and employment of health standards and employment of health workers.

The basic information will guide the location and development of various public works including the clearance of slums.

2. Group or groups sponsoring the project.

The Iowa State Health Department and Sanitary Engineering Organizations along with the United States Bureau of Vital Statistics are aiding the project workers.

3. Name of director.

The Project Supervisor is A. H. Wieters who is in charge of the Department of Sanitary Engineering at the State House in Des Moines, Iowa.

4. Data to be obtained.

Statistical studies and analyses of death records for diseases of the heart, cancer, tuberculosis, maternal, and infant causes will be obtained.

4. Continued.

Educational exhibits based on special statistical studies and analyses including the preparation of block models and three-dimensional graphs will be prepared.

5. Sources of data.

Data is collected from records at the Iowa State Department of Health. The United States Bureau of Vital Statistics and the Sanitary Engineering organization are providing some of the material.

6. Geographic area or areas to be covered.

The area includes the entire state of Iowa.

7. If a survey, approximate number of persons and other units to be investigated.

More than 65,000 records will be studied.

8. A tentative copy of the questionnaire to be used.

A questionnaire is enclosed.

9. Estimated costs appropriately divided, such as supervisory salaries, supplies, etc.

The personnel salary for May and June is \$432.00 and \$180.00 for transportation and subsistence, for July, \$432.00 with \$180.00 for transportation and subsistence.

10. Types of personnel to be employed and their respective numbers.

The personnel for May and June includes 2 statisticians, 2 stenographers, and 1 clerk; for July 2 statisticians, 2 stenographers, and 1 clerk.

11. Estimated man-hours for each type of personnel.

The number of man-hours totals 44 per week for each member of the personnel.

12. Provisions, if any, for tabulation and publication.

Statistical data is now in the process of tabulation for future publication by the Iowa State Planning Board.

IOWA STATE PLANNING BOARD

May 25, 1934

Members

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Mrs. H. S. Vincent, Fort Dodge
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William P. Woodcock, Spencer
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J. N. Darling, Des Moines
Fred White, Ames
A. C. Trowbridge, Iowa City
Walter L. Bierring, Des Moines
Chester A. Phillips, Iowa City
George Keller, Des Moines
P. F. Hopkins, Des Moines
Frank D. Paine, Ames

P. H. Elwood, Director-Consultant, Ames
S. Herbert Hare, Co-Consultant, Kansas City
A. H. Wieters, Secretary, Des Moines
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A. E. Rapp

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George Keller, Chairman

Walter L. Bierring

A. C. Trowbridge

IOWA STATE PLANNING BOARD

August 23, 1934

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Mrs. Fred Jarvis, Oskaloosa
P. F. Hopkins, Des Moines
George Keller, Des Moines
Mrs. Grace Gilbert King, West Union
Frank D. Paine, Ames
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A. C. Trowbridge, Iowa City
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Finance Committee

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IOWA STATE PLANNING BOARD

Project 1038 -- Housing and Health
Health Survey

Board Members

W. L. Bierring, Chairman, Health Commissioner,
State House, Des Moines,
Iowa.
Mrs. Fred Jarvis, Oskaloosa, Iowa.
A. E. Rapp, Fish and Game Commission, Council Bluffs,
Iowa.

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Henry Giese, Architectural Engineering, Professor,
I. S. C., Ames.
A. H. Kimball, Architectural Engineering, Head and
Professor, I. S. C., Ames.
Margaret Reid, Professor in Economics, I. S. C., Ames.
Paul Taff, Assistant Director Agricultural Extension
Service, Ames, Iowa.
Ina Tyler, Director of Relief Work, S. U. I., Iowa City.
A. H. Wieters, State Department of Health, State House,
Des Moines, Iowa.

AP-5

IOWA STATE PLANNING BOARD
STATEMENT OF PROJECT OBJECTIVES AND ORGANIZATION

STATE LIBRARY COMMISSION OF IOWA
Historical Building
DES MOINES, IOWA 50319

Prepared for
FEDERAL EMERGENCY RELIEF ADMINISTRATION
(Research and Statistics)

July, 1934
P. H. Elwood
Director-Consultant

IOWA STATE PLANNING BOARD

STATEMENT OF PROJECT OBJECTIVES AND ORGANIZATION

Prepared for

FEDERAL EMERGENCY RELIEF ADMINISTRATION

(Research and Statistics)

Project No. 1030 -- Land Utilization

Collection and organization of data received from various sub-committees and outlining the general plan for land utilization in the state.

1. Specific purposes to be served by the project.

This project anticipated the formulation of clearly defined plans in regard to the improvement of income and living conditions. This will be done by the adjustment of agricultural production to domestic and foreign demand.

2. Group or groups sponsoring the project.

The Agricultural Experiment Station, Project 310 at Iowa State College and the Federal Project 836 are assisting the project workers.

3. Name of director, together with brief description of his qualifications.

The Project Supervisor is Dean H. H. Kildes. Dean Kildes has an extensive knowledge of the agricultural conditions and needs of the state.

4. Data to be obtained.

A farming study of Iowa by townships is now under way.

Related economic information regarding the analysis of tax delinquencies, credit facilities and other situations will be collected.

July, 1934

P. H. Elwood

Director-Consultant

copy 1-
7/11/34

IOWA STATE PLANNING BOARD

STATEMENT OF PROJECT OBJECTIVES AND ORGANIZATION

Prepared for

FEDERAL EMERGENCY RELIEF ADMINISTRATION

(Research and Statistics)

Land Utilization

Sub-Project No. 1931 -- Land Purchase and Mortgage

Preparation of land purchase, mortgage and lease contracts as part of a proposed land ownership plan. This information is necessary before any comprehensive and adequate land use program can be set up.

1. Specific purposes to be served by the project.

The purpose of the project will be to analyze the defects in the prevailing methods of assessing property.

The relationship between assessments and the amount of taxes paid, between land valuation as indicated by the assessed valuation and the amount of taxes, between assessed valuation and the amount of tax delinquencies, will be studied.

Improvement will be made in regard to appraisal technique in order to hasten and make more satisfactory the farm credit relief activities.

The development of land sale and rent contracts will provide immediate and direct relief to the users of the same and also encourage land ownership. Workers will be employed on public relief.

Rural life will be stabilized through the use of land renting contract and land purchase contract adjusted to the farm income.

2. Group or groups sponsoring the project.

The agricultural Experiment Station, The Extension Service, and the Farm Credit Corporation are assisting the project workers.

3. Name of the Director.

Professor W. G. Murray, of the Iowa State College Agricultural Economics staff is directing the development of plans pertaining to agricultural finance, taxation, and problems of land tenure. Professor Murray's experience with the Farm Credit Administration, in reference to Iowa Farms, and his extensive research and writings in these and associated fields qualify him to direct this phase of planning.

4. Data to be obtained.

Data will be obtained of this type: name of owner, description of property, acres in property, taxable valuation, amount of taxes levied, amount of taxes delinquent, amount of penalties, delinquencies carried forward from former years, delinquent special assessments and when paid, tax sales and by whom farm was redeemed, and land transfer data.

5. Sources of data.

Records of data already collected from the books and files in the various county offices will be used.

6. Geographic area or areas to be covered.

This study covers the entire state of Iowa.

7. If a survey, approximate number of persons and other units to be investigated.

This survey has been carried on in approximately all the counties of the state. It is about completed.

8. A tentative copy of the questionnaire to be used.

A questionnaire is not used.

9. Estimated costs appropriately divided, such as supervisory salaries, supplies.

The personnel salary for May and June is \$552.00 with \$240.00 allotted for transportation and subsistence in June; \$1,012 for July with \$240.00 for transportation and subsistence.

10. Types of personnel to be employed and their respective number.

The personnel includes 1 compiler, 1 clerk, 5 computers for May and June; 1 compiler, 1 clerk, 10 computers, and 1 chief clerk for July.

11. Estimated man-hours for each type of personnel.

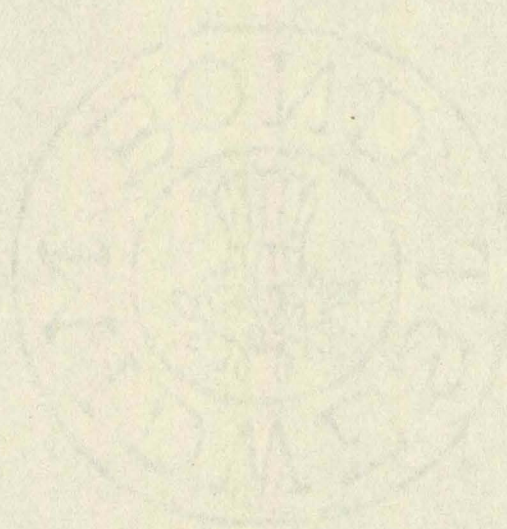
Each member of the personnel averages 44 man-hours of work per week.

12. Provisions, if any, for tabulation and publication.

The tax delinquency material is the first part of a program of selling farms to operating farmers on an equitable basis. Land contracts and mortgages designed to meet farm conditions are being prepared. Publication of the material will be made by the Iowa State Planning Board or Agricultural Experiment Station.

IOWA STATE PLANNING BOARD
STATEMENT OF PROJECT OBJECTIVES AND ORGANIZATION

Prepared for
FEDERAL EMERGENCY RELIEF ADMINISTRATION
(Research and statistics)
Land Utilization
Sub-Project No. 1032 -- Part-time Farming



July, 1934
P. H. Elwood
Director-Consultant

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