

PROJECT NO. 10

CO-OPERATIVE EXTENSION WORK

IN

AGRICULTURE AND HOME ECONOMICS

State of Virginia.

Plan of Work for Agricultural Engineering.

March 1, 1925 to Feb. 28, 1926

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OBJECT:

To make the farms of the State more productive, efficient and prosperous and the farm homes more attractive and more fit places in which to live.

To offer technical information and assistance to any taxpayers of the State who are interested in the development, and the increase in the efficient use of the agricultural resources of the State.

To promote a better understanding of the value of the science of engineering as applied to agriculture.

PHASES

EMPHASIZED: The phases of this project to be emphasized during 1925 are:

1. Farm Water Supply and Sanitation.
2. Terracing.
3. Farm Structures and Farmstead Planning.
4. Land Clearing.
5. Rural Electrification.

6. *gas engine & tractor*
The project in drainage will not be emphasized this year due to the financial condition of the farmers and high cost of drain tile. Only urgent calls for assistance on this project will be handled in the field. The farm power and operative equipment, *project* will not be emphasized until more adequate quarters are furnished at V. P. I. for handling the short courses, etc. Other projects in Agricultural Engineering and miscellaneous subjects will be handled *entirely* through correspondence. *Only in*

SERVICE:

omit here
The most urgent cases will *possibly* *field* assistance be given on anything *but it is project to be emphasized*
The work will be carried on by means of:

- A. Publicity and Propoganda,
- B. ~~Meetings~~ and Short Courses,
- C. Field Projects and Demonstrations.

- A -

PUBLICITY
AND
PROPOGANDA

Publicity and propoganda will be obtained through the publication of articles which are based on the result of the project work. The County Agent will, in their publications, be asked to give the results of the project considerable prominence. Other means of publicity will also be

used, as the distribution of bulletins, mailing of circular letters, exhibit at fairs, etc.

- B -

MEETINGS AND
SHORT COURSES:

The meetings and short courses will be given when scheduled and will consist of chalk talks and illustrated lectures, moving pictures and laboratory work.

- C -

FIELD PROJECTS
AND
DEMONSTRATIONS:

The field projects will consist of technical information and services offered to individuals, communities and organizations in the State in matters relating to the following sub-projects:

1. Farm Water Supply and Sanitation
2. Terracing.
3. Farm Structures and Farmstead Planning.
4. Land Clearing
5. Rural Electrification
6. *Gas Engines & Tractors*

Demonstrations will consist of visits and meetings at projects under construction or at finished projects, in order to instruct on methods or to show results obtained.

Individuals, County Agents, or community organizations make application to the department for the services of the specialists. The individual project is visited, in company with the County Agent, if possible. Surveys and other notes are made, and a detailed report and suggestions furnished.

MEASURE OF
RESULTS:

The projects to be emphasized are self advertising, such as a drained field, terraced hillside, running water in the home and new buildings and improved farmsteads. Cost records and records of conditions before and after will be kept in order to show the superiority of the practices recommended.

Copies and data of all projects in organized counties will be filed in the County Agent's office. Questions will be inserted in the blank supplementary report sent from the Assistant Director's office, which will require a checking and reporting of the condition of the project in each county.

In counties without agents, the work will be checked by follow-up letters. Results thus obtained will be summarized and included in annual report.

Office records will be kept of the volume of correspondence, number of blue prints, bulletins, circulars and other material sent out. Results will be measured by number of farmers reached and influenced to use the better methods recommended.

PERSONNEL:

The following personnel will be maintained for the period mentioned in this plan of work:

1. Extension Engineer in charge - half time.
2. Extension Architect, - half time.
3. Assistant Extension Engineer, - full time.
4. Secretary.

CALENDAR: The nature of the services rendered by this Department preclude the possibility of following any fixed program for the entire year in advance. In wet years, drainage and soil erosion prevention are in great demand. The water supply and sanitation, and farm building plans and farmstead planning work come in more nearly the year through and are very well distributed.

Field projects and demonstration work will occupy about nine months of the year, while meetings, short courses and fairs, etc. will occupy the other three months.

MAP: From the nature of the service offered, it is not practical to include a map showing the location of demonstrations, etc. A map will be prepared at the end of the year and included in the annual report.

Respectfully Submitted:

Chas. E. Seitz

Agricultural Engineer in Charge.

Outline of sub-projects to be emphasized during the year is appended to this plan of work.

*Tentatively the water supply + sanitation project will be handled March
April + May - Land clearing June, July, August, Rural Electrification
and Farm Structures, throughout the year, Tractoring October and November,
Gas Engine and tractors July + August, December, January + February.*