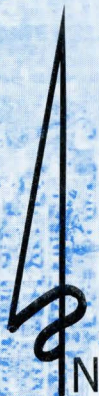


CENTERVILLE

IOWA HIGHWAY No. 60



1966

Annual Report

Appanoose County
Soil Conservation
District

Agricultural Building
12th and Washington
Centerville, Iowa

DRIVE-IN THEATRE

Appanoose County Soil Conservation District State of Iowa



GOVERNING BODY: Left to Right: W. Stuart Daniels, Chairman, Moulton; Ronald W. Turk, Seymour and Leon D. Kauzlarich, Mystic, Commissioners.

Assisted By

Richard A. Tubaugh, Moravia	Assistant Commissioner
Clive L. Wells, Plano	Assistant Commissioner
Leland S. Davis, Moulton	Assistant Commissioner
Harold D. Holder	Extension Director and District Secretary

1966 Personnel — State Employees

Joe R. Luse	Farm Planner Aid
N. Coleen Cook	State Clerk
Sharon J. Smith	Part-Time State Clerk

Soil Conservation Service

William E. Stark	Work Unit Conservationist
LaVern A. Whitaker	Soil Conservation Technician
R. Elmer Ouder Kirk, Jr. (Transferred to Thompson)	Soil Conservationist
Roy W. Smith, Centerville	Area Soil Scientist
Ivan J. Jansen, Centerville	Area Soil Scientist

Area Soil Conservation Service Assisting The District

Lyall H. Mitchell, Fairfield	Area Conservationist
Marion P. Clark, Fairfield	Agric. Engineer
Robert O. Kluth, Fairfield	Agric. Engineer
Leo A. Duree, Chariton	Cons. Engr. Tech.
Stanley R. Simmons, Fairfield	Cons. Engr. Tech.
Robert D. McNeal, Chariton	Cons. Engr. Tech.
Donald D. Redman, Albia (Transferred to Creston)	Cons. Engr. Aid
L. Dale Lockridge, Fairfield	Area Soil Scientist
Margaret L. Dickey, Fairfield	Area Clerk

Calendar of Events — 1966

JANUARY

Stuart Daniels, Commissioner, attended Commissioners Short Course at Ames, Iowa January 11-12.

An area ACP meeting was held at Ottumwa on January 11. Ronald Turk and Stuart Daniels, Commissioners, met with the Appanoose County ACP Development Group on January 17.

Appanoose County Technical Action Panel met at Centerville on January 19.

Score sheets were completed for the 1965 Goodyear Contest. Action was taken to pay one-half the cost of trophies for the Franklin 4-H Conservation Contest.

FEBRUARY

Plans, easement examples, and pictures of Appanoose County road structures were sent to the State SCS Office for presentation at the State Hydraulics Short Course at Ames for County Engineers February 8-9.

Six agriculture agency officials from Osage and Franklin County Kansas were here February 21 to learn more about the pasture improvement program that was carried out in Appanoose County in 1962 with 80-20 cost-share assistance.

An election for a Soil District Commissioner was held in conjunction with the County Watershed Association Meeting February 23. Leon Kauzlarich, Mystic, Iowa, the only candidate for election, was declared elected for a six-year term as Commissioner. He replaces Clifford Walker, Mystic, Iowa, who did not seek re-election.

A USDA County Defense Board and a sub-TAP meeting for Appanoose County were held at Centerville February 24.

Representatives of SCS, ASCS, FHA and the Extension Service conducted a three-township informational meeting at Plano the evening of February 25 concerning the various agency programs.

MARCH

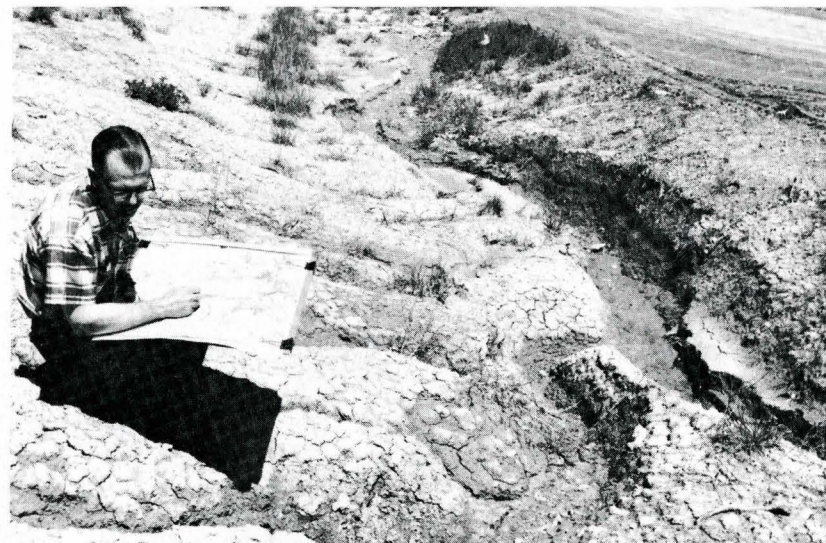
A Southern Iowa Experimental Farm meeting was held at Centerville March 1. The Appanoose County Soil Conservation District Commissioners are share-holders in this farm.

Another series of agricultural agency meetings were held at Moulton on March 3 and at Moravia on March 10.

John Maddy, SCS State Cons. Agronomist, was in the county March 4 to check on site conditions for crownvetch seedings. Later crownvetch seedings were established for erosion control on a roadside southwest of Centerville and on the E-11 road structure in the Moulton Watershed.



Dwarf reed canarygrass was established here with seed increase stock furnished by the SCS Plant Materials Center. The sod-planting was made by the Centerville Water Company on land owned by the Appanoose County Conservation Board. Root stocks spread to 7-inch diameter in six months.



Elmer Ouderkirk, Soil Conservationist, shown planning soil treatment recommendations for critical area planting. The area shown is Gosport silt loam, shale derived, and is very drouthy and infertile. This is a road-cut inside Bradley Park. The same area is shown, at the road-curve, in the background, in the upper center of the picture at the top of this page. Crownvetch will be seeded and mulched on this slope.

Stuart Daniels was named the new District Chairman for 1966-67.

Robert Davis, Goodyear Representative, Chariton, presented an award certificate for the 1964 Goodyear Contest to Glenn Bailey, Mystic, outstanding cooperator. Mr. Bailey has been a district cooperator for 19 years and has 98 per cent of his 242 acres adequately treated with conservation practices.

Applications from 72 cooperators for fish were sent to the U. S. Fish and Wildlife Service. District personnel assisted with the preparation of tree orders from cooperators for the Iowa State Conservation Commission.

County road structure meeting and field tour was held at Centerville March 30 with 40 County Engineers, County Board Members and SCS personnel from 8 counties in attendance. A field trip was made to three conservation-road structures in Appanoose County.

APRIL

Sylvan Runkel, SCS State Biologist, was here April 19 to inspect the Moulton Reservoir in regard to its potential for reclamation for wildlife and recreation purposes.

The Appanoose County Technical Action Panel met at Centerville April 29.

Clifford Walker received the State Soil Conservation Committee Certificate of Service for a six-year term as Soil District Commissioner.

MAY

The 1965 Annual Report was mailed to cooperators and other interested persons and agencies during Soil Stewardship Week, May 15-22.

Commissioners decided to participate in the Neighborhood Youth Corps Program and provide work stations for the period June 20 - August 19, 1966. The District cooperated with the Appanoose County Economic Opportunity Committee in this endeavor.

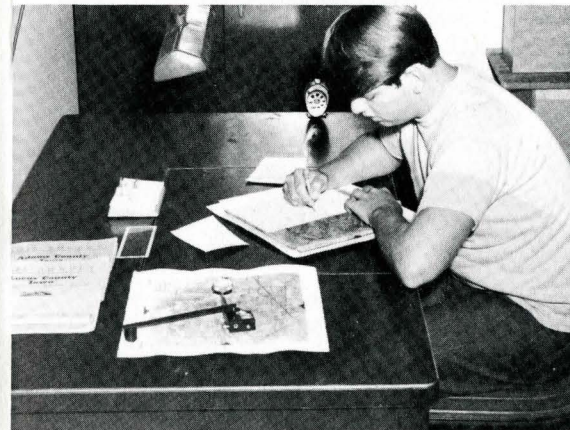
JUNE

Elmer Ouderkirk, Soil Conservationist, who has served in the Appanoose District since August, 1962, was transferred with promotion to Work Unit Conservationist at Thompson, Iowa in Winnebago County Soil Conservation District beginning June 6.

A Youth Opportunities Committee was organized and applications taken for the Neighborhood Youth Corps Program. Mary Thomas, Unionville, Dixie Opperman, Route 2, Centerville, Nita McDannald, Cincinnati and John Eddy, Route 1, Centerville reported for duty to the SCD-SCS office the week of June 27. Main duties for the girls were to measure standard soil survey maps and receive on-the-job training in the clerical duties of the Soil District Office. John Eddy assisted the technicians in field work and earthwork computations in addition to map measuring.



Left to right: Nita McDannald, Dixie Opperman and Mary Thomas. These three girls worked in the SCD-SCS office for eight weeks during the summer under the Neighborhood Youth Corps Program. They received on-the-job training in the clerical duties of the work unit and measured standard soil survey maps. All returned to their high school studies in the fall.



John Eddy worked as a Conservation Trainee with the SCD-SCS this summer under the Neighborhood Youth Corps Program. He worked with the SCS technicians in the field doing survey work and helped to figure earthwork computations in addition to doing soil survey map measuring. He is a high school senior and plans a career in art education or commercial art.



M. M. Doggett, Appanoose County Engineer, points out engineering details of a conservation-road structure to County Engineers, Board Members and SCS Technicians from eight counties. Appanoose County Board of Supervisors have installed seven multi-purpose structures on their county road system in cooperation with adjacent landowners, the Soil District and SCS.

Soil Conservation Week was observed June 19-25.

Bass were delivered by the U. S. Fish and Wildlife Service June 29 to stock 47 farm ponds and conservation road structures.

Sharon Smith, Cincinnati, worked as part-time clerk June 6-17 while Coleen Cook was on annual leave.

The Appanoose County USDA Civil Defense Board met June 24.

JULY

Bill Rountree, Plant Materials Specialist, SCS, Elsberry, Missouri, visited the District July 14 to check crownvetch seedings, birdsfoot trefoil seed crop areas and pastures and native grass areas.

Three assistant commissioners were appointed by the soil commissioners for the 1967 fiscal year. They are Richard Tubaugh, Moravia; Leland Davis, Moulton; and Clive Wells, Plano.

District judging was completed for the Iowa Soil Conservation Achievement Awards Program on July 14 by Richard Tubaugh, Assistant Commissioner, assisted by Stuart Daniels, Commissioner and William Stark, Work Unit Conservationist.

AUGUST

Mervin Danielson, Assistant State Soil Conservationist was here August 3 to check strip mine site conditions. A special report was prepared at the time.

The Appanoose County Queen of Conservation Contest was held the evening of August 12 at Centerville. Judges were Mr. and Mrs. Leon Kauzlarich and Mrs. Stuart Daniels. Stuart Daniels, District Chairman, presented charm bracelets from the District to the two winners Dixie Opperman, Centerville, and Letha Hopkins, Unionville. Nita McDannald, Cincinnati, was also a contestant. While the judges were interviewing the contestants, Ronald Turk, Commissioner, showed movies he had taken on a trip to the New York World's Fair to parents and friends present. Refreshments were served at the close of the meeting by Mrs. Coleen Cook, District Clerk. The two Queens competed in Regional competition at Bloomfield on August 17.

SEPTEMBER

The U. S. Fish and Wildlife Service completed the annual delivery of fish to Appanoose County farmers on September 8.

The USDA County Defense Board met September 8 and prepared a special radiological defense exercise.

Conservation Award Winners 1966

GOODYEAR CONTEST - Outstanding Cooperator
(Sponsor—The Goodyear Tire & Rubber Company)
Glenn Bailey, Mystic, Iowa (1964 Contest Year)

FRANKLIN TOWNSHIP 4-H CONSERVATION CONTEST
(Sponsor—Franklin Farmhands 4-H Club)
(Trophies By—Appanoose County SCD and Franklin Farmhands 4-H)
Amos and Courtney Siglin, Numa, Iowa - First Place
Guy McCannon, Numa, Iowa - Second Place

IOWA SOIL CONSERVATION ACHIEVEMENT AWARDS PROGRAM
(Sponsor—Des Moines Register & Tribune and Iowa Farm & Home Register)

DISTRICT - DIVISION I
William C. Singley, Moulton, Iowa

DISTRICT - DIVISION II
Clive L. Wells, Plano, Iowa, Owner-Operator
Mrs. Hazel Goodin, Vandalia, Missouri, Owner

DISTRICT - DIVISION III
William Vinzant, Mystic, Iowa, Owner-Operator
Katherine Vinzant, Hannibal, Missouri, Owner

REGIONAL - DIVISION I AND SWEEPSTAKES WINNER
William C. Singley, Moulton, Iowa, Appanoose District

REGIONAL - DIVISION II
Clive L. Wells, Plano, Iowa, Owner-Operator
Mrs. Hazel Goodin, Vandalia, Missouri, Owner, Appanoose District

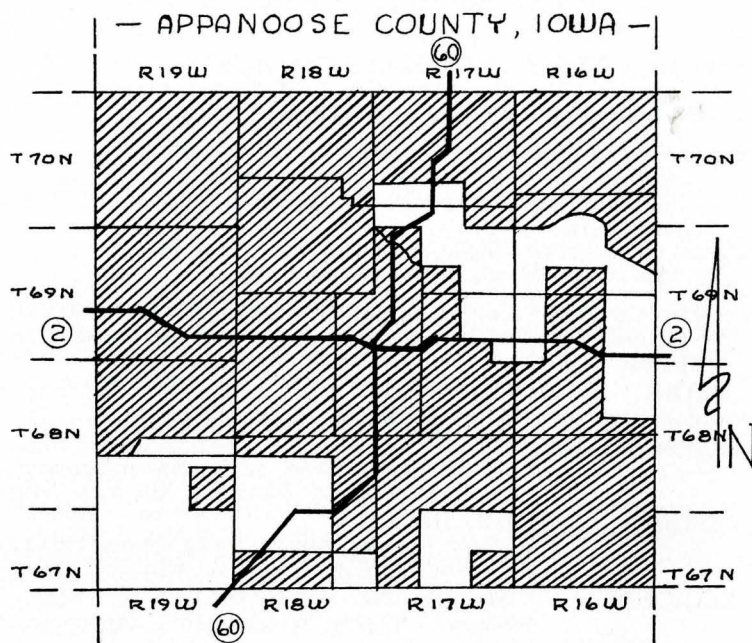
REGIONAL - DIVISION III
William L. Sloan, Floris, Iowa, Davis District

QUEEN OF CONSERVATION CONTEST - District
(Sponsors—Iowa Association of SCD Commissioners, State Soil Conservation Committee and Appanoose County Soil Conservation District)
Letha Mae Hopkins, Unionville, Iowa
Dixie Lee Opperman, Route 2, Centerville, Iowa

SAFETY SPEECH CONTEST - District
(Sponsors—Iowa Farm Safety Council, State Soil Conservation Committee, Iowa Association of SCD Commissioners, Grinnell Mutual Reinsurance Co. and Appanoose County Soil Conservation District)
(Cash Prizes—Claude Hawk Insurance Agency, Centerville)
Lawrence Daniels, Route 2, Centerville, Iowa - First Place
Linda Arnold, Moravia, Iowa - Second Place

OUTSTANDING CONSERVATIONISTS-SOIL COMMISSIONERS AWARD

Leland Davis, Moulton, Iowa
Lester Perkins, Centerville, Iowa
Willard Brain, Unionville, Iowa
Perry Mikels, Moravia, Iowa



Shaded area has been mapped under the standard soil survey.

Standard Soil Survey

By the end of 1966, 251,700 acres in Appanoose County were mapped under the standard soil survey legend. The survey, which started in 1964, is being made by Soil Scientists of the USDA Soil Conservation Service in cooperation with the Iowa Agriculture Experiment Station.

George Holhubner, Soil Scientist, SCS, Effingham, Illinois, was on detail in Appanoose County from May 2-27 working on the Standard Soil Survey with Dale Lockridge, Roy Smith and Ivan Jansen, Area Soil Scientists, assigned to this survey. Mr. Holhubner worked primarily with the loess and glacial upland soils similar in many ways to the soils in his area of Illinois.

Over 125,000 acres were measured by soil type, slope and erosion by forty-acre tracts by four Neighborhood Youth Corps personnel. They worked under the supervision of SCS-SCD personnel for 8 weeks during the summer. This information was recorded and will be used in summary for the Standard Soil Survey report when published. Considerable time of the Soil Scientists was saved by this measuring thus allowing them to spend more time in the field making the soil surveys and writing descriptions for the final soil survey report.

A Soil Survey Progress Review for Appanoose County was made June 13-17. The soils review party consisted of: Dr. Tom Fenton, Iowa State University, John Highland, SCS State Soil Scientist, Lewis Clark and John Nixon, SCS Area 8 Soil Scientists and Dale Lockridge, Roy Smith and Ivan Jansen, SCS Area 9 Soil Scientists.

John Highland, State Soil Scientist, made a soils functional inspection with Soil Scientists Dale Lockridge, Roy Smith and Ivan Jansen September 13-15.

Ivan Jansen attended a Soil Survey Report Writing Workshop at Lincoln, Nebraska November 14-18. During the winter months he will be assisting the other soil scientists in the collection and preparation of data for the Appanoose County Standard Soil Survey Report to be published for local use when the survey is completed. Farmers, conservationists, appraisers, realtors, assessors, engineers and planners all must have such information to do the best job where land and tax uses are involved. Erosion can change the information on the soil survey map whether it is sheet or wind erosion, gully erosion or sediment deposition.



Each soil type found in Appanoose County can be identified by such things as position, slope, color, texture, structure, mineral and organic matter content at different depths. This road cut photo taken southeast of Centerville, Iowa is a visual example of difference in mineral content. Calcium has leached from the upper three feet of the soil profile resulting in a layer too acid, (pH 5.2), for sweet clover which produces a rank growth at the lower levels, (pH 6.6).

Accomplishments With SCS-SCD Technical Assistance By Watershed Groups

FISCAL YEAR 1966 — JULY 1, 1965 - JUNE 30, 1966

		PRACTICES										(Includes Practices Cost-Shared by ACP)								
Watersheds	Unit	SCD Coops	Basic Plans	Revisions	Plan Contact	Brush Cont.	New Cont. Farm.	Cons. Crop System	Divers-ion	Farm Ponds	Fish Pond Stock	Stab. Struc.	W. Way	Open Drains	Past. Renov.	Past. Plant	Strip Crop	Ter-races	Tree Plant	Wild. Hab. Dev.
		No.	No.	No.	No.	Ac.	Ac.	Ac.	Ft.	No.	No.	No.	Ac.	Ft.	Ac.	Ac.	Ac.	Ft.	Ac.	Ac.
North Chariton			1		1		30	74		2	1	1	0.8							1.0
Iconium				2	5		46				1		1.8		5	40		5250		2.2
Maine		3	2		6	22		46	560	1	1	1	4.6		11					8.5
North Soap			1		2	21		190	1700	2	2		0.4	3850	35				1.0	1.0
South Chariton		2	2		6	45	54	246	550	4	1	1	5.3		58			2775		2.4
Walnut City			1		2		30	23					0.6					2450		
South Soap		2	1	1	18	21	43	62	1075	5	4		3.4	2450	120	45		2000		3.5
Little Walnut		3	10	1	17	78	207	1009	350	4	6	1	8.7	1000	180	26		5150		15.6
West Udell		1		1	1	1			1900	6	8	1	2.3	1025						9.3
Walnut		4	12	1	15	152	52	834	3250	3	4	4	8.8		88	4		11900		39.7
Cooper Creek		5	2	4	29	114	249	216	2400	5	6	4	6.3	1550	175			18125	2.5	9.2
Sharon Bluffs		3	4		5	7		137		1					27	20		11750	1.5	
Mount Ararat		4			2	7	127		3880	1	1		4.5	650	28			11500		9.5
Fox		7	5		20	55	419	1133	6120	5	8	2	16.2		293	34		7700	1.5	15.8
Shoal		6	1	2	17	65	153	101	350	2	2	1	5.9	5700	195			2950	1.0	7.5
Livingston		1			5	4	168		5875	4	4	1	5.6		109			1200	1.0	5.0
Exline		3	6	1	8	23	30	235	1350		3	1	4.1		78	22				4.9
Moulton				2	12	10	176	18		1	1	1	2.0	200	112			12100		4.8
Fabius-Carter		3	1	1	4	2		177	5600	2	1		4.5		21			6575		5.7
Dean			1		5		52	24		1	2		0.5		45	4				2.5
District Total		47	50	16	180	627	1836	4525	34960	49	56	19	86.3	16425	1580	195	—	101425	8.5	148.1

The 1966 ACP 5% Spot Check was made by Leo Duree, Conservation Engineer Technician, and Marion Clark, Agricultural Engineer, of the SCS Area Staff on September 22. Sufficient checking was done in the field to assure that design layout and construction was in line with proper design and planning. William Stark, Work Unit Conservationist, and LaVern Whitaker, Soil Conservation Technician assisted in the inspection.

OCTOBER

A farmer-businessman industrial tour was held October 27 giving farmers an opportunity to visit industrial operations in Centerville.

Lawrence Daniels, Route 2, Centerville and Linda Arnold, Moravia, participated in the Appanoose County Safety Speech Contest October 25. Both are students in the Moravia Community High School. Lawrence Daniels was named district winner by judges Mr. Claude Hawk, Farm Mutual Agent, and Mr. Richard King, Appanoose County Deputy Sheriff. Prizes furnished by Mr. Hawk were \$10 for first and \$5 for second.

William Stark, Work Unit Conservationist, was a guest at the Centerville Lion's Club meeting October 17. He gave a slide talk concerning the Standard Soil Survey of Appanoose County and its usefulness in conservation planning, land appraisal and assessing. In addition, he showed how a knowledge of soils can be useful in archaeological studies.

NOVEMBER

An estimate of local funds and contributions to the Soil District Program during fiscal year 1966 was prepared and reviewed with the Commissioners November 29.

Conservation Needs field work for Appanoose County was completed and data submitted for data processing.

Stuart Daniels, Commissioner, attended the Davis County SCD Banquet at Bloomfield, Iowa on November 15.

The 40th Annual Alfalfa Banquet was held at Moravia November 17 with the guest speaker being Mr. Raymond Pugh, School Instructor, Des Moines. Stuart Daniels presented framed scrolls and gold lapel buttons to outstanding conservationists selected by the Soil Commissioners. In addition, Regional Iowa Soil and Water Conservation Achievement Awards were presented by James McGuire of the Des Moines Register and Tribune and Iowa Farm and Home Register. Special guests were Richard Wilcox, SCS Assistant State Conservationist and Duane Bennink, Assistant Director, State Soil Conservation Committee. Over 400 businessmen and farmers were in attendance to witness these presentations. This banquet was a beginning for the observance of Rural-Urban Week, and was sponsored by Appanoose County Extension Service, Appanoose County Farm Bureau and Centerville Chamber of Commerce.

An Agricultural Conservation Program development meeting was held November 7 for the 1967 County Program and to make recommendations for the 1968 National Program.

DECEMBER

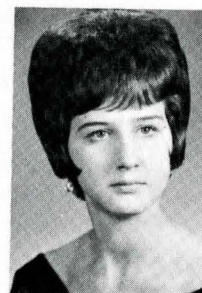
The Appanoose County Conservation Needs Committee met December 12. Recent stat sample data collected by SCS was reviewed and the needs inventory updated.

Conservation practice work continued throughout the month. Dry ground conditions were ideal for landowners who wanted to install conservation practices after their crops were harvested.

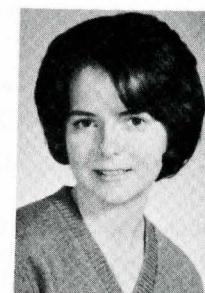
The Appanoose County Technical Action Panel and the Appanoose County USDA Defense Board met during the month.

During the year 1966, twelve regular commissioners meetings and one special meeting were held.

Appanoose Queens of Conservation



Dixie Opperman
Centerville



Letha Hopkins
Moravia

Summary of Farmer Cost-Shared Jobs Referred By ASCS To SCS For Program Year 1966 (January 1, 1966 to January 1, 1967)

Practice	Referrals Sent to SCS & Serviced	Practices Completed Satisfactorily & %
Ponds	69 No.	59 No. - 86%
Waterways	55 No.	45 No. - 82%
Terraces	31 No.	21 No. - 68%
Diversions	32 No.	30 No. - 94%
Structures	14 No.	6 No. - 43%
Pipeline for Livestock Water	5 No.	2 No. - 40%
Spring Development	4 No.	1 No. - 25%
Totals	210 No.	164 No. - 78%

66 percent of the referrals received were requests from Soil Conservation District Cooperators.

New Cooperators — 1966

John Starchevich	App. Co. Cons. Brd.	Bert Batterson
Glenn McFall	Clyde Stevens	Clyde Eddy
Doyle Hampton	Tony Buban	Gilbert Cullor
Bruce Porter	Max L. Davis	Agency Accounts (2)
Mrs. Gladys Fry	Nicky V. Carter	Bradley Land Trust
Mrs. Bertha McCoy	C. W. Burgher	Lester Cochran
Doyle Bailey	Joseph R. Steele	Donald E. Daly
Merrill Shephard	Lawrence Ball	Carl Burgin
Dean Duley	Ronald Turk	John Mason
Donald Oden	Bertha Hinton	Harold Hawk, Jr.
Fern Allred	Herbert Hoover	Mae Harbold
Tom Martin	Joseph C. Walker	Melvin Main
Donald Thomas	Inez Davis	Robert McAnnelly
Nettie VanDorn	Roger D. Labertew	Lewis Varese

Basic Plans — 1966

Mrs. Bertha McCoy	Mrs. Gladys Fry	Lynn Lemley
Roy Strunk	C. W. McCarty	Donald Kirkland
Tony Piccalo	Max Hetzler	Randle Wakefield
Howard Mincks	Nelson Ballanger	Edward Seeley
Jerry Probasco	Elmer Post	Ed VanAntwerp
John McClurg, Jr.	Orris Powell	S. J. Haines
Paul Perkins	Michael Papcun	Vincil Kondy
Nettie VanDorn	Fred Christy	Herbert Hoover
Donald Thomas		Lester Cochran

Revisions — 1966

Chas Burkheiser, Jr.	Everett Hornaday, Jr.	Byron Hall
Leland Davis	Edwin Johnson	Roy Argo
Wm. Neal Eddy	Joe Beer	M. C. Williamson
M. H. Howard	Frank McCabe	G. R. Clancy
Lowell Young	Clarence Hiner	Raymon Cridlebaugh
Ralph Hamilton	John Hiner	Doyle Hampton
Joe Wilson		John Koestner

Active Agreements To Date December 31, 1966

District Cooperators	996 No.	215,833 Acres
Cooperators With Basic Plans	707 No.	145,157 Acres

Progress Report — Approved Watersheds

MOULTON

B-BRANCH

Part I (Structures B-2, B-7, B-8, B-5 and Waterway B-19)

Part II (Structure B-9 on County Road)

Part III (B-100 Channel Improvement and Structure)

These works of improvement were constructed with PL-566 funds under three separate contracts in the years 1962, 1963 and 1964. No maintenance has been required to date except spraying of willows in the B-100 channel in 1965 and 1966.

A-BRANCH

Part IV (Structure E-11 on County Road)

This structure was built with PL-566 funds under separate contract in 1964. First seeding of the fill did not appear to be completely adequate in 1965. Two critical areas were seeded with Emerald Crownvetch in the spring of 1966.

Part V (Tentative) (Grade Stabilization Structures D-10, F-14, A-3 and A-4)

Construction was still pending in 1966 due to lack of acceptable easements from some of the landowners involved. Easements have now been granted by Marvin Stansberry, Town Council of Moulton, Ross Fox, Lowell Young and Marvin Howard. One easement remains to be signed for the A-4 structure.

An on-site review to determine adequacy of the signed easements was made by SCS personnel September 2. SCS made additional borings with the drill rig at the A-3 and D-10 sites. Results of these two findings were presented to the Soil Commissioners at their regular meeting October 25. Further technical investigations and personal contacts are required before a project agreement can be entered into and a construction contract drawn up.

Part VI (Tentative) (Flood Retarding Structure A-1)

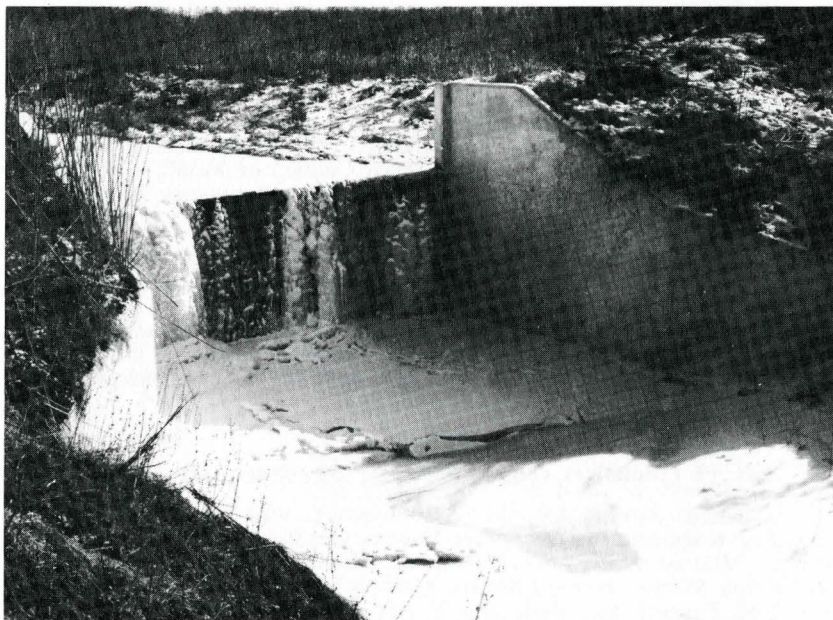
Easement signing for the A-1 structure was completed in 1966. Granting easements this year were Eugene Houston, Harold Disney, Olive Childs, Mildred Appler, Ward Daniels, Verna and Sigle Mikels, Nanna and Ralph Mikels, Bernard Swarts, Hermas Swarts, C. L. Swarts, Dorothy and Ned Purdum and Essie and F. M. Adams.

SCS Area Engineers, Marion Clark and Leo Duree made further surveys to determine the exact location of the centerline for the structure May 5. The SCS Drill Rig was used to make soil borings in September.

Maintenance and Inspection of Works of Improvement

Annual maintenance inspection of the completed portions of the Moulton Watershed was made August 30 by Stuart Daniels and Ronald Turk, Soil Commissioners and William Stark of SCS. General comments as a result of the inspection are:

1. Land treatment in the "B" Branch is nearing an estimated 90 per cent completion. (75 per cent of the land treatment practices must be completed in each segment of the watershed before PL-566 funds can be authorized for expenditure.)
2. Sediment sources above structures remaining are being recalled to the cooperators attention.
3. Minor maintenance needs such as mowing weeds and protecting critical areas from overgrazing by livestock can be handled by the landowners.
4. Any major repair costs required to maintain a PL-566 structure would be paid from the Flood and Erosion Control Fund, which is supported by a one-quarter mill levy on all agricultural lands in Appanoose County.



"After" picture of concrete-reinforced drop spillway structure at upper end of B-100 channel, Moulton Watershed. Temperatures had been around zero degrees for five days, yet water was still running under the ice.

CARTER CREEK

The Carter Creek Watershed received approval for planning assistance from the U. S. Soil Conservation Service in May. The watershed covers 24,480 acres, with 811 acres being in Appanoose County and the remainder in Davis County. Sponsors are the two Soil Conservation Districts, County Boards of Supervisors of the two counties and the Town Council of Moulton, Iowa. Gully control and flood prevention are the major problems in the watershed. The Watershed Planning Party has started preparation of a preliminary Work Plan to be submitted to the sponsors for approval.

COOPER CREEK

Members of the SCS Watershed Work Plan Party worked in Cooper Creek Watershed during the year to prepare geologic and economic evaluations. Leonard Larson, Head of the Watershed Work Plan Party, prepared a preliminary investigation report in October which concluded that a feasible PL-566 watershed project could not be developed. Benefit-cost ratio criteria of PL-566 projects could not be met for either grade stabilization or flood prevention.

SOUTH SOAP

There were no new developments by the SCS Watershed Work Plan Party toward development of a Preliminary Work Plan. Total of conservation agreement acres for the watershed area remains at 87 per cent; with basic conservation plans completed for 78 per cent of the area. (A summary of practice application is given, by watershed, on page 10-11 of this report.)

Appanoose County Watershed Association Activities — 1966

The Appanoose County Watershed Association held its annual meeting at the Agriculture Building in Centerville February 23. Leonard Larson, SCS Watershed Work Plan Party Leader, was guest speaker.

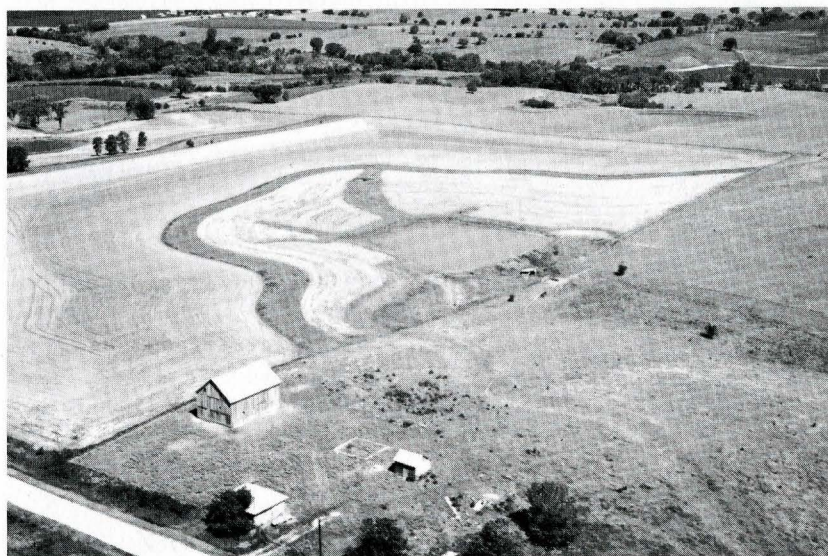
Fox and Locust Creek Watershed Preliminary investigation tours were made September 29-30 by Richard Wilcox, Leonard Larson, and Kenneth Cornforth of the SCS State Office, Lyall Mitchell, Area Conservationist, Marion Clark, Area Engineer and William Stark, Work Unit Conservationist.

Detailed data for Appanoose County's twenty natural watersheds was prepared by William Stark, Work Unit Conservationist, as part of a study of small watershed project possibilities in Iowa and the Nation. This River Basin study according to Frank Mendell, State Conservationist of SCS in Iowa, is a part of a nation-wide inventory of watersheds to identify those with community type problems where federal or other assistance is needed to help solve these problems. Water needs for irrigation, municipal or industrial water supply, and for recreation purposes were also identified.

Cooperation and Assistance

The Soil Commissioners rely upon cooperation and assistance from other agencies, organizations and individuals to help in carrying out the policies and purposes of the District Program. A special "thanks" is extended to those who are continuing to work through their Soil District for an effective soil and water conservation program:

Farmers of Appanoose County and their organizations
 Soil Conservation Service
 State Soil Conservation Committee
 Cooperative Extension Service and their organizations
 Agricultural Stabilization and Conservation Service
 Farmers Home Administration
 Iowa Conservation Commission
 U. S. Fish and Wildlife Service
 U. S. Forest Service
 Iowa and National Associations of Soil Conservation Districts
 Soil and Water Conservation Contractors
 Appanoose County Board of Supervisors and County Officials
 Appanoose County Watershed Association and Directors
 Cities, Towns and Departments
 Newspapers, Radio and Television Stations
 Public Schools and Departments
 Appanoose County Businessmen, Ministers, Equipment Dealers and their organizations
 Rural Areas Development
 Office of Economic Opportunity



A portion of the Wm. Singley farm, one mile north of Moulton, Fox Watershed. Terracing and contouring permit cropping in watershed above a farm pond. Grass in waterways and at pond's edge prevent silting. Added drainage area is brought into pond by terracing. This farm was a District, Regional and Sweepstakes Winner in the 1966 Register and Tribune Contest.

Clerical Report Summary — 1966

Office Callers	1036 No.
Telephone Calls Placed and Received	499 No.
News Items Prepared by SCD and SCS Staff	40 No.
Contests	3 No.
Meetings Attended by SCD and SCS Staff	52 No.

Financial Report For 1966

State of Iowa — 1M Budget — Fiscal Year 1965-1966

(For Commissioners mileage, meals, and hotel, office supplies, printing, prizes for contests and office expense.) (Commissioners do not receive salaries; only mileage, meals, and hotel expenses when they attend meetings.)

Fiscal year allocation from State Soil Conservation
 Committee, July 1, 1965\$ 500.00

EXPENDITURES:

Commissioners mileage, meals, hotel	\$ 239.44
Office Supplies	\$ 5.00
Printing	\$ 100.00
Prizes for Contests	\$ 61.11
Materials for Demonstrations (Lath)	\$ 45.00
Office Expense	\$ 31.09
Total Expenditures	\$ 481.64
Total Expenditures Deducted	\$ 481.64
Balance June 30, 1966	\$ 18.36

State of Iowa — 2M Budget — Fiscal Year 1965-1966

(For salaries, mileage and purchase of equipment.)
 Fiscal year allocation from State Soil Conservation
 Committee, July 1, 1965\$6,000.00

EXPENDITURES:

State Clerk's Gross Salary	\$3,419.20
State Farm Planner Aid Gross Salary	\$1,847.12
District Share I.P.E.R.S.	\$ 184.32
District Share F.O.A.B.T.	\$ 209.77
Equipment - Adding Machine	\$ 119.55
Total Expenditures	\$5,779.96
Total Expenditures Deducted	\$5,779.96
Returned to State Soil Conservation Committee, June 30, 1966 ..	\$ 220.04

**Appanoose County Soil Conservation District
Agricultural Building Account —
Centerville National Bank**

RECEIPTS

Cash on hand January 1, 1966	\$ 256.46
Cash Receipts	\$ 25.00
Interest on Real Estate Mortgage on Agric. Bldg. & Lots	\$ 1,115.00
Total Cash Receipts	\$ 1,396.46

EXPENDITURES AND TRANSFERS

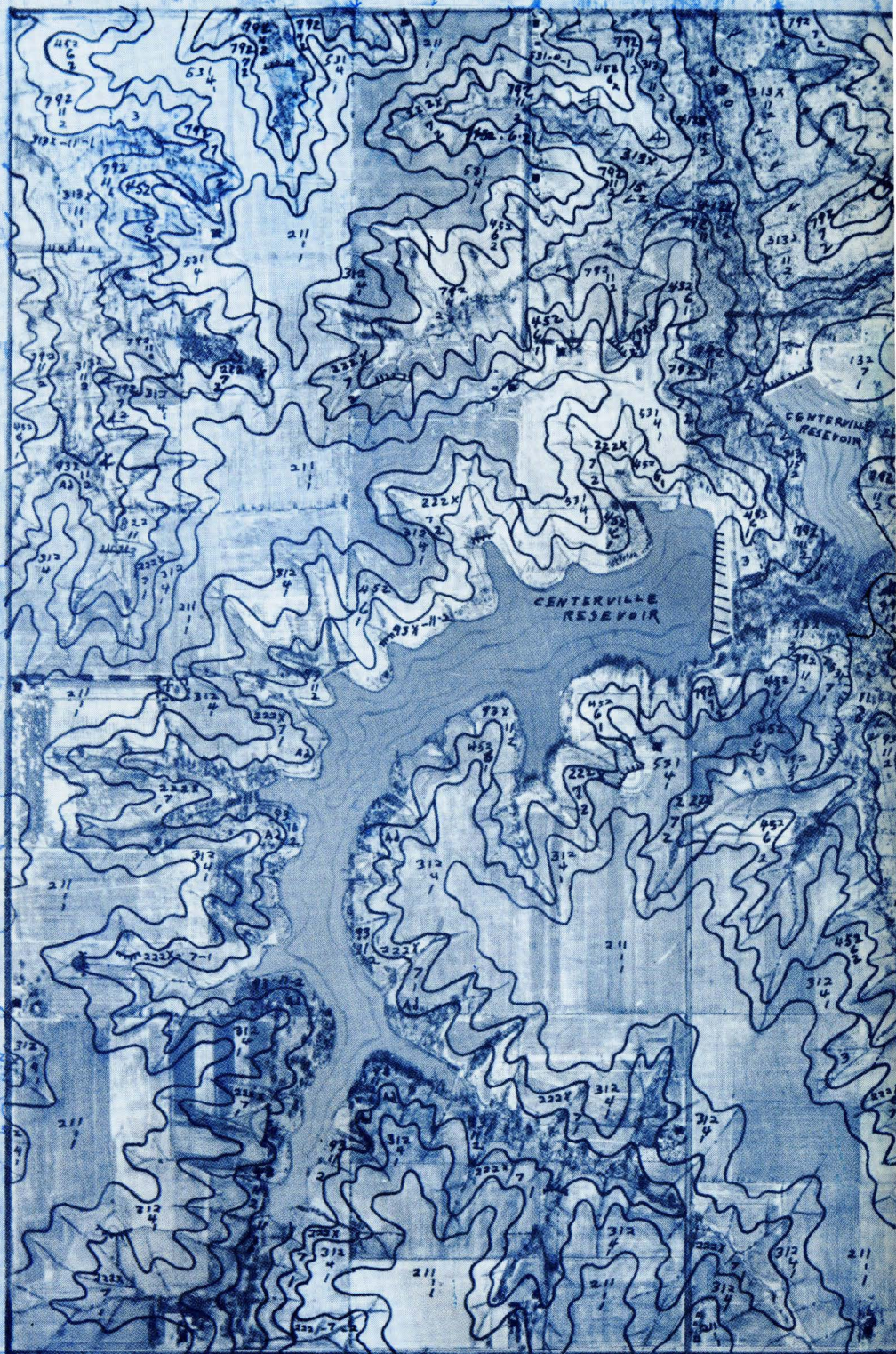
National Association of SCD - Dues	\$ 75.00
Appanoose County Auditor - Plat Book	\$ 2.50
Postmaster, Centerville, Iowa - Postage for mailing Annual Report	\$ 31.64
Moravia Union - Printing Annual Report (In addition to \$100 paid from 1 M Budget)	\$ 108.50
Pancake Day Committee - Donation	\$ 10.00
Iowa Association of SCD - Dues	\$ 100.00
Home Federal - Transfer to Savings Account	\$ 743.82
Centerville Iowegian - 2 Year Subscription	\$ 22.00
Alfalfa Banquet Committee - Tickets for R & T Winners and Guests	\$ 14.00
Centerville National Bank - Lockbox	\$ 2.50
Dale C. Barker - 7 Cons. Pictures @ \$1.25	\$ 8.75
Total Expenditures and Transfers	\$1,118.71
Total Expenditures and Transfers Deducted	\$ 1,118.71
Cash on hand, January 1, 1967	\$ 277.75

NET WORTH STATEMENT

Cash on hand, Centerville National Bank January 1, 1967 --	\$ 277.75
Cash invested and interest on account (4 1/8% compounded semi-annual at Home Federal, Des Moines, Ia. Jan. 1, 1967)	\$ 2,710.29
Revolving Fund Balance (Includes Petty Cash)	\$ 52.58
Shares Bloomfield Experimental Farm	\$ 540.00
Terracer and Scoop (Estimated Value)	\$ 100.00
Real Estate Mortgages on Agric. Bldg. and Lots	\$21,000.00
Total Assets	\$24,680.62
Total Liabilities Deducted	\$ 0.00
Estimated Net Worth	*\$24,680.62

*Does not include State of Iowa Funds.

This area, southwest of Centerville, is an example of the new Appanoose County Standard Soil Survey nearing completion.



IOWA HIGHWAY No. 277