

State of Iowa

1925

REPORT OF THE

State Highway Commission

FOR THE

Year Ending December 1, 1925

ISSUED BY THE

STATE HIGHWAY COMMISSION

AMES, IOWA

J. W. HOLDEN, Chairman

ANSON MARSTON,

WM. COLLINSON,

State Highway Commissioners

F. R. WHITE, Chief Engineer

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LETTER OF TRANSMITTAL

HON. JOHN HAMMILL, *Governor:*

Pursuant to the provisions of Section 4626 of the Code, 1924, the State Highway Commission presents herewith Part One of its Twelfth Annual Report. This part of the report covers the principal operations of the Commission for the year December 1, 1924, to November 30, 1925.

Part Two of this report will contain a summary of the annual reports of the county engineers for the year January 1, 1925, to December 31, 1925. It will be presented later as the law provides.

J. W. HOLDEN, Chairman,
ANSON MARSTON,
W. COLLINSON,
Commissioners.

Ames, Iowa, December 28, 1925.

PART 1

CHAPTER I

Summary

The Twelfth Annual Report.

The twelfth annual report of the State Highway Commission is divided into two parts.

Part One is a report of the work of the Commission and of construction and maintenance work on the primary road system and expenditures therefor, for the year ending November 30, 1925, and a report of the expenditures of the Commission for the fiscal year ending June 30, 1925.

Part Two is a summary of the annual reports of the county engineers for the year ending December 31, 1925.

Construction Work Accomplished.

The following amounts of the various classes of road and bridge work on the primary road system were completed during 1925:

Paving	62.0 Miles
Graveling	286.0 Miles
Grading	330.3 Miles
Tile Drains	435,590 Lin. Ft.
Guard Rail	234,040 Lin. Ft.
Bridges and Culverts.....	900

A comparison of the construction work accomplished each year since the primary road law was passed, follows:

Year	Paving Miles	Graveling Miles	Grading Miles	Tile Drain Lin. Ft.	Bridges and Culverts
1919	4.3	3.0	140.0	329,001	-----
1920	46.6	102.5	409.9	1,168,700	-----
1921	165.4	307.7	1,050.9	5,416,528	-----
1922	101.4	432.0	1,069.2	3,060,952	2,100
1923	100.7	443.8	837.5	2,161,741	1,815
1924	65.5	354.8	459.7	1,088,706	808
1925	62.0	286.0	330.3	435,590	900

On December 1, 1925, the following uncompleted work was under contract:

Paving	21.7 Miles
Graveling	61.7 Miles
Grading	109.9 Miles
Tiling	29,424 Lin. Ft.
Bridges and Culverts.....	243

This work will be carried over into the 1926 construction season.

Expenditures for Construction.

The expenditure for construction work paid for from the primary road funds during 1925, was \$7,389,077.45, as follows:

	Primary Roads	Secondary Roads
Grading	\$1,942,432.51	\$296,552.77
Graveling	559,362.30	189,628.52
Paving	1,961,748.53	.....
Drainage	147,333.40	14,446.82
Bridges and Culverts.....	1,445,273.27	.....
Guardrail	117,675.97	273.76
Right of Way.....	411,366.93	85.00
Machinery and Equipment....	34,614.64	.....
Engineering	268,160.43	112.60
Total	\$6,887,967.98	\$501,109.47

The following is a comparison of the construction expenditures for each year since the primary road law was enacted:

	Primary System	Secondary System
1919	\$ 741,313.73	.....
1920	4,906,404.96	.....
1921	15,500,523.64	.....
1922	13,324,555.14	.....
1923	12,662,680.79	1,055.74
1924	10,479,315.42	247,618.69
1925	6,887,967.98	501,109.47
Total	\$64,502,761.66	\$749,783.90

Expenditures for Maintenance.

The maintenance of the primary road system from December 1, 1924, to December 1, 1925, cost \$3,021,003.93, or an average of \$452.65 per mile. The average cost of maintaining the different types of road during said period was as follows:

Pavement	\$199.00 per mile
Gravel	519.00 per mile
Earth	403.00 per mile

The following is a comparison of the expenditure for maintenance for each year since this work has been paid out of the primary road fund:

1920	\$ 614,296.71*
1921	2,264,692.51

*Includes only one-half year. Primary road funds began to be used for maintenance of primary system on July 1, 1920.

1922	2,444,664.54
1923	2,420,900.25
1924	2,722,076.89
1925	3,021,003.93

Condition of Primary Road System.

On December 1, 1925, the condition of the primary road system was as follows:

Paved	568.6 Miles
Graveled	2460.8 Miles
Built to finished grade, not surfaced.....	1796.0 Miles
Not built to finished grade.....	1848.7 Miles
Total	6674.1 Miles

Cost of Engineering and Administration.

Since the first law was enacted (in 1917) accepting federal aid, \$80,371,522.80 has been expended on the primary road system under the Commission's supervision. This expenditure is classified as follows:

Construction	\$62,070,174.74
Maintenance	13,487,634.83
Engineering and Administration.....	4,813,713.23
Total	\$80,371,522.80

The expenditure for engineering and administration amounts to five and ninety-nine one-hundredths (5.99%) per cent of the total expenditure. This expenditure includes every item of engineering and overhead expense of every nature incurred by the Commission in connection with work on the primary roads.

In addition to this primary road expenditure there has been \$749,783.90 expended from the primary road fund for construction work on the secondary roads. It takes as much work in our office to administer a project on the secondary roads (payable out of primary funds) as it does for a project on the primary system. Our engineers give general supervision to construction work on primary-secondary projects. If this expenditure on primary-secondary projects is taken into consideration, then the cost of engineering and administration on all expenditures from the primary road fund is five and ninety-three one hundredths (5.93%) per cent of the total expenditures.

Cost of the Commission.

During the fiscal year, the total salaries and expenses for all three members of the Commission was \$5,024.64, as follows:

	Salary	Expense	Total
J. W. Holden.....	\$1,919.13	\$ 753.13	\$1,919.13
Wm. Collinson.....	966.00	475.65	1,433.65
Anson Marston.....		27.78	27.78
Departmental Transportation.....		1,648.08	1,648.08
Total.....	\$2,120.00	\$2,904.64	\$5,024.64

Payments Made by Government.

Prior to December 1, 1924, the government had paid \$12,241,527.53 to the state in aid of road work. During 1925 the government paid to the state \$1,261,956.87. The total payments by the government to December 1, 1925, amount to \$13,503,484.40. Of the total amount of federal aid allotted to the state prior to December 1, 1925 (\$17,425,094.00), \$3,921,609.60 is still in the hands of the federal treasurer in Washington. In addition to this sum, Iowa's balance of federal aid authorized by Congress in a bill passed in February, 1925, will be about \$2,070,400.00, making a total of \$5,992,000.00 coming to this state under existing federal laws.

Federal Aid Funds Obligated.

If project agreements are not executed obligating federal aid funds within two years after the close of the fiscal year during which funds become available, such funds revert to the federal government. Under these conditions, Iowa must have obligated \$17,425,094.00 of federal aid funds by July 1, 1928. Up to December 1, 1925, project agreements had been signed with the Secretary of Agriculture obligating \$15,247,825.35 of federal aid, leaving \$2,177,268.65 which must be obligated by July 1, 1928. At the present rate these funds will be obligated in sufficient time to prevent their reverting to the government.

Tests of Materials.

In connection with the construction work carried on during 1925, tests and inspections have been made of 17,273 samples of materials. The amounts of the various materials represented by these samples are as follows:

Sand, gravel, and stone.....	509,589 Tons
Cement.....	788,164 Bbls.
Steel.....	8,602 Tons
Paint.....	2,899 Gal.
Tile.....	612,148 Lin. Ft.
Bituminous material.....	26,944 Gal.
Guardrail Posts.....	35,245
Guardrail Cable.....	64,367 Lin. Ft.

Bridge Surveys and Plans.

Field surveys have been made for 1606 bridges and culverts. Plans have been prepared for 1083 bridges and culverts, estimated to cost \$2,187,814.00. Plans have been checked and approved for 254 bridges and culverts estimated to cost \$751,000.00. A comparison of this work during the past seven years follows:

Year	Field Surveys Made	Plans Prepared		Plans Approved		Shop Drawings Approved
		No.	Estimated Cost	No.	Estimated Cost	
1919.....	1,222	536	\$ 1,481,300.00	307	\$ 852,900.00	86
1920.....	1,792	1,074	3,025,606.00	496	1,072,417.00	103
1921.....	1,024	2,925	4,699,940.00	432	723,264.00	158
1922.....	3,025	3,577	3,823,323.00	194	409,000.00	136
1923.....	2,540	2,167	2,600,023.00	251	607,000.00	126
1924.....	1,022	1,014	2,169,234.00	261	650,000.00	115
1925.....	1,606	1,083	2,187,814.00	254	751,000.00	114

Road Surveys and Plans.

During 1925 detail surveys were made for the improvement of 321 miles of the primary road system. Plans were prepared for 543.5 miles of the primary road system and plans prepared by the county engineers for 208.1 miles of secondary road were checked and approved. Surveys of the primary road system in fifty counties are completed.

A comparison of the mileage of surveys and plans for the past nine years, follows:

Year	Primary Roads		Secondary Road Plans Checked and Approved
	Surveys	Plans	
1917.....	138 Miles	4 Miles	809 Miles
1918.....	200 "	213 "	321 "
1919.....	1,093 "	387 "	381 "
1920.....	1,089 "	1,194 "	413 "
1921.....	1,055 "	1,455 "	364 "
1922.....	999 "	1,794 "	251 "
1923.....	499 "	946 "	139 "
1924.....	314 "	585 "	230 "
1925.....	321 "	544 "	208 "

Bridge and Road Contracts.

Nine hundred fifty-one bridge, road, and material contracts were checked for approval as follows:

	No. of Contracts	Amount of Contracts
Bridge and culvert work.....	205	\$ 3,302,841.00
Bridge and culvert material.....	46	
Primary road work.....	253	4,104,048.00
Primary road work in cities.....	4	128,964.00
Primary road maintenance work.....	135	259,492.00
Secondary road projects involving primary road funds.....	73	539,939.00
Secondary road districts.....	63	254,853.00
County road work.....	73	608,615.00
Total.....	951	\$ 9,214,913.00

Nine of the above contracts, for work costing \$101,211.00 were disapproved. The remainder were approved. A comparison of the contracts checked for approval for the past eight years, follows:

Year	Bridge and Culvert Contracts		No. of Mtl. Con-tracts	Primary Road Contracts		Secondary Road Contracts	
	No.	Amount		No.	Amount	No.	Amount
1918.....	173	\$ 1,700,800	56	0	186,571	28	\$ 290,794
1919.....	273	3,213,222	35	29	1,139,222	37	325,456
1920.....	228	4,307,100	53	207	12,212,329	62	276,681
1921.....	267	4,992,103	40	433	7,969,488	94	727,605
1922.....	391	3,759,193	44	465	9,227,810	74	459,707
1923.....	262	3,295,259	48	300	6,298,974	69	673,897
1924.....	246	2,708,169	34	278	4,418,980	129	825,488
1925.....	306	3,302,841	46	392	4,533,994	208	1,378,978

Road Plans, Specifications, and Estimates Submitted.

Plans, specifications, and estimates for ninety projects, involving the improvement of 512.5 miles of primary road at an estimated cost of \$5,255,374 were submitted to the federal government and the boards of supervisors for approval. Forty of these projects estimated to cost \$4,089,351 were federal aid projects. The remainder were primary road projects.

Projects Approved.

During 1925 the Commission approved one hundred ten projects involving the improvement of 779.1 miles of road at an estimated cost of \$4,233,141. Sixty-six of these projects, including 462.4 miles and estimated to cost \$3,484,951.00, were on the primary road system. Five of these projects, including 3.2 miles and estimated to cost \$139,213.00, were on extensions of the primary roads within

cities. Thirty-nine projects, involving the improvement of 313.5 miles, estimated to cost \$608,977.00 were on the secondary roads, and involve the expenditure of primary road funds as provided by Section 4737 of the Code 1924.

Government Equipment Received.

During 1925, government equipment valued at \$24,395.26 was received. The total value of all government equipment received to December 1, 1925, is \$4,398,987.00.

During the past year government equipment has been issued to the counties and the various state departments as follows:

Counties.....	\$19,802.67
Board of Control and Board of Education.....	51.50
Board of Conservation.....	977.48

Total.....\$20,831.65

The government equipment has cost the state, for storage, freight, receipt, handling, buildings, and land where the buildings are located, a total of approximately \$406,207.00, or 9.2 per cent of its value. Of this amount, \$121,800.00 has been invested in land and storage buildings which constitute a permanent plant for the storage, repairing, and handling of the Commission's mechanical equipment.

Bonds and Certificates in Anticipation of Primary Road Fund.

On December 1, 1925, there were \$13,224,500.00 of primary road bonds, and \$1,976,500.00 of primary road anticipation certificates outstanding. These bonds had been issued by thirteen counties. The certificates had been issued by forty-one counties. (See Schedules 78 and 79.)

CHAPTER II

Executive Department

Appointments of Commissioners.

During the year, fifty-four formal meetings of the Commission were held, of which fifty-one were attended by Commissioner Holden, forty-six by Commissioner Marston, and thirty by Commissioner Collinson.

The Commissioners spent a total of eighty-eight days on inspection trips in the several counties, and in conferring with county boards of supervisors, township trustees, and other road officials.

Employees of the Executive Department spent eighty-three days on assignments outside the office.

Twelfth Annual Road Conference.

The twelfth annual conference of road officers was held in Ames March 18, 19 and 20, 1925. The meeting was attended by one hundred fourteen county supervisors, fifty-two county engineers, nine assistant county engineers, and seven county auditors. Sixty-one of the ninety-nine counties were represented.

Litigation.

There have been no court actions during the past year in which the Commission was the principal defendant or plaintiff. The Commission has been named as joint defendant with the county board of supervisors of several different counties in a number of cases. Most of these cases grew out of actions to condemn right of way for primary road improvements, where the owner of the property appealed from the amount of damages awarded by the condemnation jury.

In one case arising from Henry County, the Commission has been made joint defendant with the county board of supervisors over the matter of the location of Primary Road Number 40 south from Mt. Pleasant. This case arises out of the fact that said highway was changed from its original location and moved three miles east. A group of citizens interested in the old location brought an action seeking to restrain the Commission and the county board from spending any money on the primary road in its new location and further seeking to compel the Commission and the county board to change the road back to its old location.

Publications.

During the year, four issues of the regular Service Bulletin were published. Fifty-two reports of road and bridge lettings were published. Twenty road condition maps were issued. Revised Standard Specifications for Highway Bridges, Culverts, and Incidental Structures were published.

Modification of County Road System.

The Commission acted on seventy-eight requests from the county boards for modifications of the county road system. Sixty-four of these requests were approved and fourteen were disapproved or deferred. The sixty-four requests that were approved resulted in a net increase of two hundred two miles in the county road system.

Modification of Primary Road System.

The law provides that the primary road system may be changed,

- (a) for more efficient service;
- (b) for more economical construction;
- (c) to afford access to cities, towns, and villages;
- (d) to afford access to state parks and recreation centers.

During the past year, twenty-five changes or modifications have been made in the primary road system of twenty-three counties. The greater number of these modifications have consisted of correcting the maps where relocations of primary roads have been made to avoid bad turns, railroad crossings, or steep grades. The modifications have resulted in a net increase in the primary road system of fourteen and four-tenths miles. The total mileage of this system is now six thousand six hundred seventy-four and one-tenth miles.

State Fair Exhibit.

The usual highway exhibit was maintained at the State Fair.

Registration of Highway Routes.

Chapter 249 of the Code of 1924 provides for the registration of marked highway routes or trails by the Highway Commission. There were no new routes registered during 1925. With the rapid development during the past few years of official highway markings placed by the state highway departments, it would seem that the necessity or advisability of registering marked routes has disappeared. The U. S. Secretary of Agriculture, in February of 1925, appointed a Joint Board of the American Association of State

Highway Officials and the U. S. Bureau of Public Roads, to map out a system of interstate and transcontinental highways and provide for the uniform numbering and marking of said highways in the different states. The work of said Joint Board has been completed and approved by the Secretary of Agriculture and by the American Association of State Highway Officials. The Iowa Highway Commission intends, during the season of 1926, to erect an entirely new and permanent set of guide and warning signs on the primary road system. Thus, roads which are included in the system of interstate and transcontinental lines laid out by the Joint Board appointed by the Secretary of Agriculture, will be marked in conformance with the national standard. The remainder of the primary system will be marked according to the standard adopted by the state therefor.

Proposed Primary Road Building Program.

In anticipation of the taking effect of Chapter 114, Forty-first General Assembly, which Act sets up a Primary Road Development Fund of about four million dollars per year under the control of the State Highway Commission for the improvement of the primary roads, the Commission has mapped out a three year construction program for the improvement of the primary roads. This program includes the grading, draining, and bridging of one thousand one hundred fifty-four miles, the graveling of two thousand seven hundred thirty-one miles, and the paving of forty-six miles, during the years 1926, 1927, and 1928.

The projects are so located as to provide a connecting system of highways extending all over the state, providing outlets for every county seat in the state, and constituting eight roads east and west and five roads north and south fully completed entirely across the state, by grading, draining, bridging, and graveling or paving.

The estimated cost of this construction program is twenty-seven million eight hundred sixty-eight thousand dollars. One million, six hundred ninety-seven thousand dollars of these funds is estimated to come from anticipation certificates issued against the primary road fund; one million sixty-two thousand dollars will come from primary road bonds heretofore voted by certain counties. The remainder of the funds is estimated to come from current revenues in the primary road development fund and in that portion of the primary road fund which is allotted among the counties.

Legislation.

There were three important laws affecting highways passed by the Forty-first General Assembly as follows:

Chapter One Hundred Fourteen, Forty-first General Assembly, which transfers the maintenance of primary roads from the county boards of supervisors to the Highway Commission, and which sets up a primary road development fund of about four million dollars per year under the jurisdiction of the Highway Commission.

Chapter Six, Forty-first General Assembly, which levies a tax of two cents per gallon on gasoline. The proceeds of said tax are divided equally among the county, township, and primary roads.

Chapter One Hundred Twelve, Forty-first General Assembly, relative to the construction of county line bridges or roads. By virtue of this chapter, if the county boards of adjoining counties should fail to agree relative to the improvement of any bridge or road on a county line, the State Highway Commission may proceed to determine said improvement and may proceed to the construction of said road or bridge.

Adams-Montgomery County Line Bridge.

Under the provisions of Chapter One Hundred Twelve, Forty-first General Assembly, the Commission has proceeded to the construction of a bridge over the Nodaway River on Primary Road Number 8 on the county line between Adams and Montgomery Counties. The boards of supervisors of these two counties have for several years been unable to agree on the construction of said bridge. Under this new law, the Commission has proceeded to build said bridge. Contracts were let in July. The bridge itself is now completed. The grading of the approaches and straightening of the stream channel are now in process of completion. The bridge should be open to traffic about the first of the year 1926.

Organization of the Commission.

On December 1, 1925, there were two hundred fifty-four people on the Commission's force, exclusive of the Commissioners and temporary and part-time help. One hundred two of the above two hundred fifty-four people were on December first, engaged in the field construction work.

An outline of the organization of the Commission, showing department heads and district engineers, follows:

Commissioners:

J. W. Holden.....ChairmanScranton
 William CollinsonChariton
 Anson MarstonAmes

Executive Department:

F. R. White.....Chief EngineerAmes

Department of Road Administration:

M. L. Hutton.....Assistant EngineerAmes

Construction Department:

F. H. Mann.....Assistant Chief EngineerAmes

Department of Road Design:

W. E. Jones.....Engineer of Road DesignAmes

Maintenance Department:

W. H. Root.....Maintenance EngineerAmes

Bridge Department:

J. H. Ames.....Bridge EngineerAmes

Department of Materials and Tests:

R. W. Crum.....Engineer of Materials and TestsAmes

Department of Purchases and Accounts:

C. R. Jones.....AuditorAmes

District Number One:

W. F. Beard.....District EngineerAmes

District Number Two:

Raymond Zaack.....District Engineer.....Mason City

District Number Three:

E. W. Dunn.....District Engineer.....Sioux City

District Number Four:

L. M. Martin.....District EngineerAtlantic

District Number Five:

J. S. Morrison.....District EngineerOttumwa

District Number Six:

Will M. Lee.....District Engineer.....Cedar Rapids

District Number Seven:

J. A. Paulsen.....District EngineerWaterloo

District Number Eight:

A. A. Baustian.....District EngineerStorm Lake

District Number Nine:

W. O. Price.....District EngineerCharlton

CHAPTER III

Bridge Department

Bridge Designs for Specific Locations. (Refer to Schedule Number 1.)

During the past year the bridge department has prepared 1083 designs for individual locations from field notes secured by the engineers of the Commission and from notes sent in by county engineers. The total estimated cost of these structures is \$2,187,-\$14.00.

Since the present road law went into effect in April, 1913, the bridge department has prepared 14,715 designs for specific locations, which were estimated to cost \$27,156,600.00. The following designs prepared by the bridge department during the past year include some of the more important structures:

Design No. 125, Adams County, is a 120'x20' High Truss on concrete abutments. It is located on Primary Road No. 8 on the Adams-Montgomery County line, over the Middle Nodaway Drainage Ditch.

Design No. 2925, Adams County, crosses the East Branch of the Nodaway River in the south part of Corning. This bridge consists of two 90'x20' Pony Trusses on concrete piers and abutments.

Design No. 925-a, Butler County, consists of a 150'x18' Curved Chord Truss on concrete piers with temporary pile trestle approaches. It is located on a township road seven miles south of Shell Rock and spans the West Fork River.

Design No. 125, Carroll County, replaces an old light bow-string truss bridge over North Coon River on the county road north of Glidden. This bridge is composed of three spans, a 100'x18' pony truss for the main channel span, with a 70'x18' pony truss on each end.

Design No. 125, Chickasaw County, is a double 100'x20' High Truss bridge skewed about 38 degrees. This bridge spans the Little Cedar River near the west county line and is an important link in Primary Road No. 19. Stream channel changes and road relocations of considerable magnitude were involved to bring about a satisfactory crossing.

Design No. 4925, Crawford County, is located over the Boyer River about midway between Denison and Arion, on the Lincoln Highway relocation. It is a 120'x20' High Truss with concrete abutments carried well below stream bed to provide for future straightening and deepening of the river channel.

Design No. 125, Dubuque County, is a 130'x18' High Truss with a 4 ft. cantilevered sidewalk. It replaces an old light truss destroyed by the extremely heavy flood over this area during the past summer. This bridge crosses the North Fork of the Maquoketa River in the north part of Dyersville.

Design No. 125, Iowa County, is a 130'x20' High Truss on concrete

abutments over the Middle English River on Primary Road No. 13 two miles north of North English.

Design No. 225, Iowa County, crosses the straightened ditch of the North English River four and one-half miles north of North English on Primary Road No. 13. A 96'x20' skew pony truss spans the main channel with two 40 ft. steel I-beam approach spans on each end.

Design No. 125, Lee County, marks the scene of a gas station robbery. The bandit in his haste to make a good get-away, wrecked the old light steel truss over Lost Creek known as the Jolleyville Bridge, by striking the end post with his car. The new bridge is a 120'x20' High Truss design on concrete abutments.

Design No. 125, Linn County, is a 100'x26' spandrel filled arch on rock foundations over Indian Creek in the northwest part of Marion. The county road north through Alburnet carries this bridge. The wide roadway provides for future sidewalk.

Design No. 2925, Linn County, is a 160'x20' Curved Chord Truss over Prairie Creek three miles south of Cedar Rapids on the Iowa City road.

Design No. 125, Lyon County, replaces two old light steel trusses over Rock River on the east end of Main Street in Rock Rapids. The old end abutments of Sioux Falls quartzite, still in a good state of preservation, were retained in the new structure. These abutments with three new concrete piers carry four 74' Steel Deck Plate Girders. The concrete deck affords 24' clear roadway and two 5' sidewalks.

Design No. 125, Mitchell County, is a two-span, 65'x24' Steel Deck Plate Girder bridge with two 5' cantilevered sidewalks. It crosses the Wapipinicon River in the west part of Riceville.

Design No. 125, Story County, consists of three 85'x20' Steel Plate Through Girders on concrete piers and abutments. This bridge crosses the Skunk River drainage ditch in the northeast corner of Cambridge, and connects with the county road to the northeast.

Design No. 4625, Wayne County, is a 120'x20' High Truss over the South Chariton River on Primary Road No. 14 about four miles north of Corydon.

Design No. 225, Wapello County, replaces a light pony truss over Sugar Creek east of Ottumwa on Primary Road No. 8. The road on either side of this bridge follows an old C. B. & Q. R. R. roadbed, and the old stone abutments are being remodeled to support the new 65'x20' Steel Deck Truss. A 32' I-beam approach on each end completes this structure.

Bridge Work on Primary Road System.

During 1925 detailed plans were prepared for 71 bridges and 892 culverts on the primary road system. Since March 8, 1921, the date when primary road funds were first made available for bridge and culvert construction on the primary road system, there have been approved 309 bridge projects with an estimated cost of \$9,203,900.00; detailed plans for 452 bridges and 6,620 culverts have been prepared and a total of 552 contracts on 306 projects,

totalling \$7,512,573.51 for the construction of 473 bridges and 6,879 culverts have been approved up to December 1, 1925.

Approval and Analysis of Designs Submitted.

During the past year the bridge department has checked the individual plans for 254 structures as submitted by county engineers or private engineers, and in addition has approved the detailed shop drawings for 114 structures estimated to cost \$466,457.00. Since April, 1913, the department has checked 3,553 designs, the cost of which was estimated at \$8,392,400.00. During the same period of time and in addition to the above a total of 1,375 shop drawings were checked for work estimated to cost \$4,934,500.00.

Standard Plans.

During the past year the Commission has completed and issued standard plans for S-series High Truss spans ranging in length from 100 ft. to 150 ft. Also the W-series Trusses ranging in length from 50 ft. to 90 ft., have been completed and furnished to the counties. These two new series of truss designs are for use on the Primary Road System and other important highways.

The detailed list of standard bridge plans given in the 1921 annual report is still substantially correct. Standard plans for Slabs, Deck Girders, I-beams, Truss Spans, and possibly culverts will be revised during the coming year.

Standard Specifications.

A complete revision of the specifications pertaining to bridge and culvert work and materials used in their construction has been issued during 1925. These specifications have been published under the title of "Standard Specifications for Bridges, Culverts and Incidental Structures, Series 1925."

Field Work of Bridge Department.

This department, at the request of the counties, assists in determining the type and character of drainage structures and other preliminary work on large bridge projects. Examination of existing structures also necessitates a number of trips by some members of the department, as does the shop inspection of fabricated material. Whenever possible, bridge problems of a special nature are handled through the district engineer's office, but occasionally problems arise which require the services of an engineer from the bridge department.

Bridge Plans for Secondary Roads.

During 1925 the Commission prepared plans for 85 bridges and 35 culverts located on the secondary system. These plans were prepared at the request of the various counties.

Approval of Contracts on Bridge work. (Refer to Schedule Number 2.)

The Commission is required by statute to approve all contracts for bridges and culverts costing over \$2,000.00 and all private contracts in amounts of \$1,000.00 or more. These contracts as awarded by the boards of supervisors are submitted to the Commission and must be approved before they are valid as contracts. During 1925 a total of 302 contracts for bridge work were submitted for approval. Two hundred ninety-seven contracts for work costing \$3,214,206.86 were approved. Eight contracts for work costing \$88,634.00 were rejected. The tabulation below gives the summary and comparative statement of the bridge contracts approved from April, 1913, to December 1, 1925:

Date of Report	Approved	Average Contract Amount	Total Amount Approved
April 1, 1913 to Dec. 1, 1913.....	53		\$ 344,162.24
Dec. 1, 1913 to Nov. 1, 1914.....	121	\$ 7,774.00	731,206.68
Nov. 1, 1914 to Dec. 1, 1915.....	172	7,830.00	1,337,060.15
Dec. 1, 1915 to Dec. 1, 1916.....	208	9,950.00	2,043,338.47
Dec. 1, 1916 to Dec. 1, 1917.....	197	10,805.00	2,128,258.53
Dec. 1, 1917 to Dec. 1, 1918.....	159	10,735.00	1,700,797.85
Dec. 1, 1918 to Dec. 1, 1919.....	228	12,628.00	2,879,205.68
Dec. 1, 1919 to Dec. 1, 1920.....	198	17,947.00	3,553,585.64
Dec. 1, 1920 to Dec. 1, 1921.....	259	14,883.00	3,854,762.14
Dec. 1, 1921 to Dec. 1, 1922.....	293	12,345.00	3,588,913.31
Dec. 1, 1922 to Dec. 1, 1923.....	259	12,720.00	3,179,970.05
Dec. 1, 1923 to Dec. 1, 1924.....	244	10,910.00	2,662,576.78
Dec. 1, 1924 to Dec. 1, 1925.....	257	10,822.00	3,214,206.86
Total.....	2,679		\$ 31,278,387.26

Approval of Material Contracts. (Refer to Schedule Number 3.)

Although approval by the Commission on material contracts awarded on the basis of bids received at a public letting, is not required by law, many of the counties voluntarily submit such contracts for review. During the period covered by this report a total of 46 material contracts were submitted for approval. Of these 45 were approved and one was rejected.

Bridge and Material Lettings.

During 1925 the total estimated cost of bridge and culvert work included in lettings attended was \$3,609,405.21 which is an increase of \$458,754.30 over 1924. The records kept by the Commission on

lettings attended during 1925 cover in detail the letting data on 2,888 structures.

Prices on bridge and culvert materials have increased slightly during the past year over those of the previous year. Construction prices for 1925 have remained substantially the same as during the preceding year. The volume of bridge and culvert construction in the state has increased over that of 1924.

AVERAGE PRICES PAID FOR CORRUGATED CULVERTS IN 1923, 1924 AND 1925

Diameter	Class	Price per Lin. Ft. Less Carlots f. o. b. County					
		1923		1924		1925	
		Range in Price	Avg.	Range in Price	Avg.	Range in Price	Avg.
12 in.....	A	\$.70 to \$.86	\$.75	*.62 to \$.88	\$.71	\$.54 to \$.64	\$.586
15 in.....	A	.98 to 1.27	1.11	*.76 to 1.20	.90	.64 to 1.05	.729
18 in.....	A	1.22 to 1.48	1.33	*1.00 to 1.59	1.23	.80 to 1.37	1.053
24 in.....	A	1.70 to 1.99	1.80	*1.40 to 2.12	1.68	1.14 to 2.12	1.419
30 in.....	A	2.35 to 3.14	2.82	*2.40 to 3.67	2.97	1.85 to 3.58	2.525
36 in.....	A	3.30 to 3.95	3.61	*2.80 to 4.23	3.93	2.39 to 4.28	3.036
12 in.....	B	.59 to .83	.67				
15 in.....	B	.90 to 1.21	.96				
18 in.....	B	1.04 to 1.55	1.17				
24 in.....	B	1.30 to 1.90	1.55				
30 in.....	B	1.78 to 2.85	2.40				
36 in.....	B	2.13 to 3.77	3.08				

*Prices based on all approved material being accepted under one class.

AVERAGE PRICE PAID FOR STRUCTURAL STEEL IN 1924 AND 1925

Description	Price per Cwt. Erected and f. o. b. County			
	1924		1925	
	Range in Price	Avg.	Range in Price	Avg.
I-Beams erected.....	\$3.33 to \$6.00	\$4.95	\$7.47 to \$5.50	\$4.54
F. O. B. County.....	3.00 to 3.73	3.27	3.94 to 3.75	3.50
Trusses erected.....	4.20 to 9.00	7.13	5.25 to 10.00	6.70
F. O. B. County.....			4.45 to 5.707	4.912

AVERAGE PRICE PAID FOR REINFORCING STEEL IN 1924 AND 1925

Description	Price per Cwt. Stock Lengths O.L. f. o. b. County			
	1924		1925	
	Range in Price	Avg.	Range in Price	Avg.
5/8 in. Round O. H. new billet stock.....	\$2.75 to \$3.15	\$2.95	\$2.46 to \$3.145	\$2.755
3/4 in. Round O. H. new billet stock.....	2.65 to 3.00	2.83	2.45 to 3.045	2.589

AVERAGE PRICE PAID FOR LUMBER, 1924 AND 1925

Size	Description	Price per M, BM, CL, f. o. b. County			
		1924		1925	
		Range in Price	Avg.	Range in Price	Avg.
3x12	Stand. Sawed Doug. Fir.....	\$33.00 to \$47.10	\$39.27	\$30.45 to \$40.75	\$35.04
3x12	Stand. Sawed Doug. Fir.....	35.00 to 46.10	40.31	34.09 to 40.80	36.46
3x16	Stand. Sawed Doug. Fir.....	33.50 to 48.10	41.06	33.20 to 44.00	38.09
3x12	Full Sawed Doug. Fir.....	38.90 to 47.00	42.76	35.45 to 44.00	39.20
3x14	Full Sawed Doug. Fir.....	41.00 to 44.50	42.63	36.50 to 40.25	39.12
3x16	Full Sawed Doug. Fir.....	41.00 to 44.50	44.75	39.45 to 49.75	40.15
3x12	Stand. Sawed White Oak.....	.....	60.00	.....	39.45

AVERAGE PRICE PAID FOR PILING IN 1924 AND 1925

Length	Kind	Price per Lin. Ft. Carlots f. o. b. County			
		1924		1925	
		Range in Price	Avg.	Range in Price	Avg.
16 ft.....	Red Cedar.....	\$.21 to \$.335	\$.278	\$.1975 to \$.375	\$.261
20 ft.....	Red Cedar.....	.21 to .38	.292	.1975 to .37	.282
24 ft.....	Red Cedar.....	.33 to .295	.315	.295 to .395	.322
16 ft.....	Cypress.....	.195 to .305	.212	.16 to .255	.187
20 ft.....	Cypress.....	.15 to .33	.226	.16 to .2875	.189
24 ft.....	Cypress.....	.16 to .335	.236	.18 to .305	.203

AVERAGE PRICE PAID FOR CEMENT IN 1923, 1924 AND 1925

1923 dealer's net price per bbl. f. o. b. Cedar Rapids.
 Carlots range in price \$2.33 to \$2.48—Average \$2.45.
 1924 dealer's net price per bbl. f. o. b. Cedar Rapids.
 Carlots range in price \$2.40 to \$2.48—Average \$2.48.
 1925 dealer's net price per bbl. f. o. b. Cedar Rapids.
 Carlots range in price \$2.40 to \$2.44—Average \$2.44.

Railroad Crossing Improvements.

The policy of concentrating railroad crossing activities largely to the primary road system has been continued during the year 1925.

Below is given a comparative statement of the work accomplished on railroad crossing improvements from December 1, 1922, to December 1, 1925.

	1924	1925	Grand Total to Dec. 1, 1925
Crossing projects listed.....	26	21	54
Number of crossings involved on projects listed.....	33	19	704
Projects surveyed.....	7	2	191
Projects for which plans and estimates were prepared.....	21	20	348
Number of conferences held.....	39	28	330
Number of projects satisfactorily adjusted.....	16	16	209
Number projects appealed to Railroad Commission.....	11	4	60
Projects adjusted by Railroad Commission.....	5	0	37
Grade crossings eliminated by grade separation.....	12	13	85
Crossings improved.....	28	16	229

The crossing projects listed include all the crossings that have been referred to the Commission since 1914. Many of these projects have been satisfactorily adjusted and completed.

From the foregoing tabulation it will be noted that the crossing work accomplished since 1914 is very small in view of the large number of crossings in this state.

As a general rule, crossing projects involving grade separations are adjusted on the basis of the railroad company building and maintaining the bridge structure and the remaining portion of the project being built and maintained by public funds. Under such a distribution of cost the public funds contribute amounts ranging from 40 per cent to 60 per cent of the total cost of the improvement, the average being about 50 per cent of the total cost.

Distribution of Dangerous Crossings.

By far the greater majority of the crossings listed for improvement during the past few years have been grade crossings. However, many complaints received and investigated by the Commission refer to dangerous conditions existing at undergrade and overhead crossings. The crossings listed for improvement are classified as to type as follows:

DISTRIBUTION AND PERCENTAGE OF CROSSINGS LISTED FOR IMPROVEMENT OR IMPROVED TO DECEMBER 1, 1925

Type of Crossing	Number Listed 1925	Distribution of Original Crossings as Listed by Commission	
		Number	Percentage
Grade.....	12	496	75
Overhead.....	4	68	10
Undergrade.....	3	87	13
New crossings.....	4	15	2
Totals.....	23	665	100

DISTRIBUTION OF CROSSING IMPROVEMENTS SATISFACTORILY ADJUSTED TO DECEMBER 1, 1925

Type of Crossing	Eliminated		Improved		Grade Separation		Total
	No.	%	No.	%	No.	%	
Grade.....	45	19	99	43	80	38	223
Overhead.....	5	13	24	87	.....	.....	39
Undergrade.....	2	5	35	95	.....	.....	87
New crossings.....	.....	.....	2	100	.....	.....	2
Total number.....	52	.....	170	.....	80	.....	311
Percent of total.....	.....	17	.....	55	.....	28	.....

Surveys have been completed and plans are in the course of preparation on a number of crossing improvements. It is the policy of the Commission to secure, if possible, the improvement of the crossings located on important highways and main line railroads as rapidly as practicable. Other improvements requiring a nominal expenditure will be given attention by the Commission, but the more important crossings will be given first consideration.

SCHEDULE NO. 1
BRIDGE DESIGNS FOR SPECIFIC LOCATIONS

County	No. of Designs	Estimated Value
Adair	1	2,940.00
Adams	26	82,575.00
Appanoose	22	11,950.00
Benton	14	25,262.00
Black Hawk	45	15,455.00
Boone	15	16,269.00
Bremer	1	3,150.00
Buchanan	4	6,242.00
Butler	9	86,450.00
Calhoun	1	3,000.00
Carroll	6	65,418.00
Cass	6	4,246.00
Cedar	1	882.00
Cerro Gordo	2	8,922.00
Chickasaw	6	49,841.00
Clark	16	5,920.00
Clinton	19	17,745.00
Crawford	29	125,434.00
Davis	4	27,734.00
Declinson	1	3,515.00
Dubuque	1	17,084.00
Emmet	3	950.00
Fayette	4	31,640.00
Franklin	2	13,649.00
Fremont	1	2,810.00
Greene	42	47,555.00
Grundy	2	7,132.00
Hamilton	2	9,484.00
Hancock	10	20,894.00
Harrison	10	27,030.00
Henry	40	61,887.00
Howard	4	25,392.00
Humboldt	7	17,331.00
Ia	7	21,176.00
Iowa	11	145,704.00
Jackson	2	9,788.00
Jefferson	2	997.00
Johnson	2	16,147.00
Jones	28	27,600.00
Keokuk	23	31,289.00
Lee	1	20,340.00
Linn	135	292,000.00
Lucas	19	28,408.00
Lyon	1	46,055.00
Madison	41	43,678.00
Marion	28	15,644.00
Marshall	34	15,377.00
Mitchell	2	46.00
Monona	33	40,173.00
Monroe	33	21,188.00
O'Brien	13	5,298.00
Osceola	2	13,247.00
Page	1	16,375.00
Palo Alto	1	4,741.00
Pocahontas	4	29,620.00
Polk	48	51,289.00

SCHEDULE NO. 1—Continued

Pottawattamie	10	20,230.00
Poweshiek	3	16,409.00
Sas	3	18,302.00
Scott	33	27,416.00
Shelby	2	4,627.00
Sioux	1	4,923.00
Story	21	65,682.00
Union	8	18,000.00
Van Buren	17	74,354.00
Wapello	2	1,000.00
Washington	6	38,419.00
Wayne	48	72,300.00
Webster	27	15,046.00
Winnebago	2	823.00
Winnesiek	4	27,554.00
Woodbury	28	35,242.00
Wright	8	2,548.00
Miscellaneous		
Total	1,068	\$ 2,187,814.00

SCHEDULE NO. 2
BRIDGE CONTRACTS SUBMITTED FOR APPROVAL DECEMBER 1, 1924 TO
DECEMBER 1, 1925

County	Contractor	Date Approved	Amount Approved
Adair	P. W. Kempe	8-7-25	\$ 2,295.00
Adams	Snyder & Johnson	9-29-25	28,196.00
Adams	F. O. Akin	9-26-25	32,446.00
Adams-Montgomery	Ben J. Cole	7-6-25	17,350.00
Allamakee	Ward & Twelow	5-27-25	1,000.00
Allamakee	Powell & Clark	9-8-25	4,894.15
Appanoose	Wallace Lumber Co.	6-12-25	5,100.00
Appanoose	Standard Bridge Co.	6-12-25	4,549.00
Appanoose	Ellis & Jordan	11-9-25	11,847.00
Audubon	Jensen Construction Co.	10-5-25	3,058.00
Benton	Vinton Engr. & Const. Co.	4-19-25	33,086.00
Benton	Ed. Evans & Son	6-24-25	2,365.80
Benton	Vinton Engr. & Const. Co.	8-6-25	14,169.00
Black Hawk	W. A. Burton	4-9-25	5,300.00
Black Hawk	Cedar Falls Const. Co.	6-20-25	2,700.00
Black Hawk	W. A. Burton	6-25-25	6,295.00
Black Hawk	Amos Melberg	6-25-25	2,700.00
Black Hawk	Amos Melberg	9-26-25	2,204.85
Boone	Ben J. Cole	4-24-25	32,000.00
Boone	Ben J. Cole	8-19-25	3,900.00
Bremer	Waugh & Truckman	7-29-25	1,659.00
Bremer	O. H. & J. H. Russell	7-29-25	12,578.00
Buchanan	J. B. Elliott	2-23-25	17,480.00
Buchanan	J. B. Elliott	11-27-25	5,152.00
Butler	R. O. Burnett	6-2-25	8,350.00
Butler	Waugh & Truckman	7-24-25	2,483.00
Butler	Edward N. Ove	7-24-25	8,550.00
Butler	C. J. Kramme Co.	7-20-25	14,600.00
Butler	Des Moines Steel Co.	9-23-25	12,800.00
Calhoun	C. A. Schlichter	5-2-25	5,645.00
Calhoun	E. Z. Smith	5-2-25	7,026.65
Calhoun	S. R. Green	5-2-25	5,000.00
Calhoun	Lundgren-Reis Co.	Disapprvd.	24,468.00
Calhoun	Lundgren-Reis Co.	5-19-25	24,600.00
Carroll	Lundgren-Reis Co.	4-24-25	20,670.00
Carroll	Finley Const. Co.	Disapprvd.	16,420.00
Carroll	Jensen Bros.	5-28-25	9,724.00
Carroll	Finley Const. Co.	5-28-25	6,700.00
Carroll	Jensen Const. Co.	7-25-25	7,025.00
Cass	Geo. W. Condon	5-18-25	1,000.00
Cass	Wilson Concrete Co.	6-8-25	10,000.00
Cass	Standard Bridge Co.	6-15-25	2,700.00
Cass	F. O. Akin	6-15-25	17,800.00
Cedar	S. R. Johnston	3-14-25	18,782.80

SCHEDULE NO. 2—Continued

County	Contractor	Date Approved	Amount Approved
Cedar	Schaaf & Jacobsen	4-8-25	20,414.00
Cerro Gordo	C. A. Holvick	3-2-25	21,774.00
Cherokee	Material Supply & Const. Co.	3-2-25	44,992.81
Chickasaw	A. Olson Const. Co.	3-2-25	20,875.00
Chickasaw	Hewitt Const. Co.	3-2-25	4,192.50
Chickasaw	A. Olson Const. Co.	8-25-25	9,600.00
Chickasaw	Lundgren-Relis Co.	8-27-25	11,711.00
Clarke	Knutson Bros.	10-17-25	4,076.76
Clarke	Knutson Bros.	10-17-25	361.90
Clarke	Knutson Bros.	10-17-25	5,312.00
Clay	H. Noel	9-11-25	9,980.00
Clayton	C. H. Williamson	4-17-25	3,808.00
Clayton	Thor Flako	4-17-25	6,319.00
Clayton	Wm. Vogt	4-17-25	582.00
Clayton	A. C. Boyle	4-17-25	2,025.00
Clayton	A. Olson Const. Co.	9-23-25	16,750.00
Clayton	C. H. Williamson	9-23-25	5,722.00
Clayton	Thor Flako	9-23-25	2,800.00
Clayton	A. C. Boyle	9-23-25	2,875.00
Clinton	J. R. Kane	12-31-24	12,740.00
Clinton	Leo Plumb	12-31-24	11,767.00
Clinton	Clinton Engineering Co.	4-24-25	26,120.40
Clinton	Louis Schmede	4-24-25	8,977.00
Clinton	Louis Schmede	7-8-25	9,559.20
Clinton	Louis Schmede	9-23-25	3,281.75
Clinton	J. R. Kane	9-23-25	2,420.00
Clinton	J. R. Kane	10-7-25	10,700.00
Crawford	Lundgren-Relis Co.	3-17-25	2,453.00
Crawford	Jensen Construction Co.	4-8-25	3,177.00
Crawford	Jensen Construction Co.	6-8-25	3,190.60
Crawford	Jensen Construction Co.	9-24-25	22,368.00
Crawford	Lundgren-Relis Co.	9-24-25	24,240.00
Crawford	Northwestern Gravel Co.	10-15-25	4,110.00
Dallas	Perry Construction Co.	5-2-25	11,276.50
Dallas	Des Moines Steel Co.	8-9-25	11,696.00
Davis	Snyder & Johnson	3-14-25	28,350.00
Davis	A. F. Johnson	3-21-25	47,414.25
Decatur	Huff & Gaines	7-23-25	7,301.00
Delaware	Piffeld Construction Co.	4-20-25	31,200.00
Delaware	A. Olson Construction Co.	8-1-25	7,744.00
Delaware	J. D. Elliott	8-1-25	6,076.00
Delaware	Thor Flako	8-1-25	1,975.00
Delaware	Piffeld Construction Co.	8-6-25	30,956.00
Dubuque	Ward & Teslow	4-9-25	5,106.00
Dubuque	Wm. Hantelman	5-15-25	8,316.00
Dubuque	Peter Elsbach & Son	5-15-25	1,992.00
Dubuque	Minneapolis Bridge Co.	7-25-25	40,885.00
Dubuque	P. A. Besler	7-25-25	10,100.00
Dubuque	John Beede	7-25-25	1,025.00
Dubuque	A. Olson Const. Co.	7-25-25	17,095.79
Dubuque	Peter Elsbach & Son	7-25-25	1,825.00
Dubuque	Kingsley Const. Co.	8-10-25	8,232.00
Dubuque	Jas. F. Lee Paving Co.	8-19-25	2,956.80
Dubuque	Kingsley Const. Co.	8-19-25	4,254.00
Dubuque	Peter Elsbach & Son	8-28-25	7,372.80
Dubuque	Minneapolis Bridge Co.	8-27-25	3,890.00
Emmett	Cement Products Co.	9-15-25	888.25
Fayette	Clinton Bridge Works	9-28-25	2,275.00
Floyd	C. H. & J. H. Russell	6-15-25	2,850.00
Franklin	Hildebrand & Kragh	3-14-25	5,109.00
Franklin	Kellerton Construction Co.	12-5-24	5,545.00
Greene	Material Supply & Const. Co.	4-10-25	2,825.00
Greene	Lundgren-Relis Co.	6-3-25	3,947.00
Greene	J. F. Johnson et al.	6-15-25	8,449.00
Greene	Material Supply & Const. Co.	6-22-25	441.00
Greene	Jefferson Cement Prod. Co.	7-2-25	9,871.00
Greene	C. J. Kramme Co.	7-21-25	8,591.60
Greene	W. Emmett Schoppe	7-21-25	2,149.60
Greene	Material Supply & Const. Co.	7-21-25	1,694.50
Greene	Perry Construction Co.	Disappvd.	2,907.00
Greene	W. Emmett Schoppe	8-16-25	3,941.21
Greene	W. Emmett Schoppe	10-2-25	2,690.00
Grundy	Piffeld Construction Co.	4-8-25	10,700.00

SCHEDULE NO. 2—Continued

County	Contractor	Date Approved	Amount Approved
Grundy	Waugh & Tackman	4-8-25	5,987.00
Grundy	Manning & Construction Co.	4-8-25	16,170.00
Grundy	H. E. Rhodes Co.	6-9-25	29,600.00
Hamilton	A. Swanson Co.	4-24-25	32,948.80
Hamilton	A. H. Austin	9-8-25	3,771.00
Hancock	Cement Products Co.	7-25-25	4,841.00
Hancock	Cement Products Co.	9-27-25	4,504.00
Hardin	Weiden Bros.	10-29-25	19,500.00
Hardin	Weiden Bros.	10-29-25	5,600.00
Harrison	Ben J. Cole	11-21-24	26,978.70
Harrison	Des Moines Steel Co.	12-3-24	15,710.17
Harrison	Geo. W. Condon	5-27-25	66,685.29
Henry	A. A. Alexander	7-25-25	47,771.00
Henry	A. A. Alexander	8-24-25	1,477.00
Henry	A. A. Alexander	10-8-25	3,429.00
Howard	A. Olson Construction Co.	6-26-25	2,521.65
Howard	A. Olson Construction Co.	6-26-25	8,918.35
Howard	John J. Gross	10-8-25	5,883.00
Howard	A. Olson Construction Co.	8-24-25	8-25
Howard	A. Olson Construction Co.	10-25	9,434.90
Humboldt	Miller & Veland	8-18-25	3,810.25
Humboldt	H. P. Schoonover	5-18-25	2,950.25
Humboldt	H. P. Schoonover	7-29-25	1,800.00
Humboldt	Snyder & Johnson	9-23-25	1,700.00
Ia	Snyder & Johnson	10-24-25	7,900.00
Ia	Homier Enterline	10-24-25	12,000.00
Iowa	M. O. Burnett	3-14-25	9,375.00
Iowa	M. O. Burnett	3-14-25	2,370.00
Iowa	M. O. Burnett	9-1-25	2,495.00
Iowa	Nichols Roofing Co.	9-11-25	2,630.00
Iowa	M. O. Burnett	9-15-25	2,630.00
Iowa	M. O. Burnett	10-6-25	22,495.00
Iowa	M. O. Burnett	10-6-25	825.00
Jackson	Amos Melberg	6-29-25	5,900.00
Jackson	R. O. Bullock	6-29-25	11,690.25
Jackson	W. P. Smola	6-20-25	13,288.00
Jasper	Huff & Gaines	5-7-25	8,600.00
Jasper	Macy & Sparks	5-7-25	9,833.00
Jasper	J. D. Palmer	5-7-25	10,927.00
Jasper	A. Emmert	5-7-25	23,650.00
Jasper	John Schroyer	6-12-25	20,900.00
Jasper	Sparks & Macy	8-27-25	420.00
Jasper	John Schroyer	9-11-25	7,590.00
Jasper	J. D. Palmer	9-23-25	7,028.25
Jefferson	C. H. Kearns	8-19-23	2,835.00
Jefferson	C. H. Kearns	10-25-25	710.00
Johnson	Iowa Bridge Co.	4-17-25	14,595.00
Johnson	Iowa Bridge Co.	9-7-25	12,730.00
Johnson	Iowa Bridge Co.	10-15-25	7,099.00
Johnson	Iowa Bridge Co.	12-4-24	8,100.00
Jones	Hanssen & Brown	3-17-25	22,627.30
Jones	Hanssen & Brown	5-27-25	622.60
Jones	Tyler & Downing	9-8-25	5,300.00
Jones	R. O. Bullock	9-15-25	5,119.00
Keokuk	Hildebrand & Kragh	7-21-25	14,597.00
Keokuk	Wallace Lumber Co.	9-25-25	24,000.00
Keokuk	Wallace Lumber Co.	7-21-25	3,000.00
Keokuk	Wallace Lumber Co.	10-15-25	10,357.00
Keokuk	Wallace Lumber Co.	10-29-25	2,622.00
Keokuk	T. E. Noller	10-29-25	450.60
Keokuk	T. E. Noller	10-29-25	13,005.00
Lee	Federal Bridge Co.	5-12-25	19,980.00
Linn	J. Herbert & Son	Disappvd.	8,025.00
Linn	Perry Jayne	2-23-25	45,715.00
Linn	Perry Jayne	3-2-25	7,412.00
Linn	Perry Jayne	5-2-25	8,514.60
Linn	Howard O. Graham	5-6-25	20,440.00
Linn	Waterloo Construction Co.	5-7-25	14,447.00
Linn	J. B. Elliott	6-15-25	8,800.00
Linn	J. B. Elliott	6-15-25	4,338.00
Linn	Perry Jayne	6-15-25	13,500.00
Linn	Howard O. Graham	6-15-25	2,025.00
Linn	Amos Melberg	7-23-25	19,860.00

SCHEDULE NO. 2—Continued

County	Contractor	Date Approved	Amount Approved
Linn	Perry Jayne	8-27-25	10,355.60
Linn	Buescher Const. Co.	9-1-25	15,574.50
Linn	Perry Jayne	10-20-25	11,605.00
Linn	Howard O. Graham	11-27-25	46,928.00
Louis	Josh Nichols	3-23-25	2,300.00
Lucas	John Ritzinger	5-6-25	14,422.00
Lucas	Knutson Bros.	5-7-25	15,083.00
Lucas	Wickes Eng. & Const. Co.	8-15-25	42,484.00
Lyon	Perry Construction Co.	8-21-25	9,217.00
Mahaska	H. E. Whitlatch	5-18-25	25,783.00
Marion	Wilson Pipe Co.	4-8-25	9,078.00
Marion	Federal Bridge Co.	4-11-25	4,525.00
Marion	Snyder & Johnson	6-1-25	11,845.00
Marion	Nichols Hoofing Co.	6-9-25	1,600.00
Marion	Snyder & Johnson	8-21-25	
Marshall	F. H. Burdick	3-27-25	12,256.00
Marshall	Ben J. Coole	4-24-25	6,364.60
Mills	Wilson Pipe Co.	4-24-25	2,540.00
Mitchell	J. B. Elliott	10-7-25	10,713.00
Mitchell	Minneapolis Bridge Co.	10-8-25	29,400.00
Monona	Standard Bridge Co.	3-25-25	1,683.00
Monona	Standard Bridge Co.	3-14-25	1,645.27
Monona	McCallan & Dorn	7-21-25	16,100.00
Monona	Snyder & Johnson	7-25-25	17,280.00
Monroe	Huff & Gaines	6-9-25	1,705.00
Monroe	Standard Bridge Co.	6-20-25	9,500.00
Muscatine	Max Hartung	6-26-25	1,727.10
O'Brien	Jensen Bros.	4-16-25	3,105.50
O'Brien	Homer Eastman	4-24-25	2,303.00
O'Brien	Forgie & Groth	4-24-25	15,650.00
O'Brien	Soren Christensen	9-9-25	11,475.00
Oseola	J. I. Merryman	5-7-25	14,732.00
Page	J. F. Stamp	Disapp'd.	7,434.00
Page	Lon Swisher	Disapp'd.	10,382.00
Page	F. D. Corey	10-5-25	7,781.00
Palo Alto	Ernest Landsman	4-8-25	7,300.00
Palo Alto	A. Olson Construction Co.	4-8-25	19,437.00
Palo Alto	E. Landsman	6-9-25	2,406.00
Plymouth	Humphrey & Sons	7-30-25	28,000.00
Pocahontas	Vinton Engr. & Const. Co.	9-25-25	8,473.00
Pocahontas	H. P. Schoonover	Disapp'd.	2,775.00
Pocahontas	H. P. Schoonover	10-16-25	2,750.00
Polk	Jensen Construction Co.	4-10-25	13,000.00
Polk	A. Emmert	4-10-25	5,800.00
Polk	L. G. Krull	4-10-25	2,750.00
Polk	Jensen Construction Co.	4-10-25	630.00
Polk	Jensen Construction Co.	5-14-25	4,300.00
Polk	Iowa Bridge Co.	5-21-25	2,959.00
Polk	Des Moines Steel Co.	5-21-25	11,145.20
Polk	Jensen Construction Co.	8-6-25	4,709.60
Polk	A. Emmert	8-6-25	3,300.00
Pottawattamie	Wickham Br. & Pipe Co.	5-23-25	889.00
Pottawattamie	E. E. Spetman	8-19-25	4,446.00
Pottawattamie	Wickham Br. & Pipe Co.	9-9-25	4,705.00
Pottawattamie	E. E. Spetman	9-15-25	11,290.60
Poweshiek	Iowa Bridge Co.	4-17-25	37,000.00
Poweshiek	Iowa Bridge Co.	7-23-25	995.00
Poweshiek	Iowa Bridge Co.	10-2-25	16,000.00
Poweshiek	Iowa Bridge Co.	10-7-25	4,400.00
Sac	Lundgren-Kels Co.	3-27-25	8,525.00
Sac	O. J. Kramme & Co.	3-27-25	2,430.00
Sac	F. H. Christensen Const. Co.	3-27-25	4,680.00
Sac	F. H. Christensen Const. Co.	8-11-25	4,230.00
Sac	F. H. Christensen Const. Co.	9-30-25	4,096.00
Scott	Henry Gertz	5-23-25	7,130.70
Scott	W. D. Phelan & Co.	5-23-25	5,174.00
Scott	W. D. Phelan & Co.	1-10-25	13,412.00
Scott	Federal Bridge Co.	1-10-25	6,761.00
Scott	Henry Gertz	1-10-25	8,095.00
Scott	Smallfield & Kuehl	4-10-25	6,082.47
Shelby	Henry Gertz	4-24-25	1,912.00
Shelby	Huff & Gaines	12-2-24	1,900.00
Shelby	F. O. Akin	6-15-25	15,900.00

SCHEDULE NO. 2—Continued

County	Contractor	Date Approved	Amount Approved
Shelby	Wickham Br. & Pipe Co.	9-30-25	7,250.00
Shelby	Economical Bridge Assn.	10-1-25	1,965.00
Sioux	Peterson & Christensen	4-8-25	23,406.45
Story	Pittsburg-Des Moines Steel Co.	12-19-24	1,065.28
Story	Wickes Eng. & Const. Co.	12-19-24	27,474.00
Story	H. G. Stillman	4-24-23	37,940.00
Tama	Perry Const. Co.	4-8-25	8,780.60
Tama	Fisfield Com. Co.	4-8-25	14,861.60
Tama	Amos Melberg	4-8-25	4,400.30
Tama	Waugh & Tackman	6-9-25	9,487.00
Tama	A. Olson Const. Co.	6-9-25	10,300.00
Tama	Earl Wolfe	6-9-25	9,560.00
Tama	Perry Construction Co.	8-24-25	17,326.00
Tama	Earl Wolfe	8-25-25	6,171.00
Union	Jas. W. Rusak	3-27-25	18,733.00
Wapello	Wickes Eng. & Const. Co.	11-30-25	11,794.00
Warren	Al. Summers	5-21-25	8,500.00
Warren	H. E. Rhodes Co.	8-19-25	9,410.00
Warren	Wilson Pipe Co.	8-19-25	9,488.96
Washington	White Yard Co.	5-6-23	44,974.00
Washington	Iowa Bridge Co.	7-25-25	16,900.00
Wayne	Snyder & Johnson	11-9-25	21,812.00
Wayne	A. A. Alexander	11-9-25	33,900.00
Webster	Thos. L. Powers	6-27-25	3,625.00
Webster	L. G. Krull Co.	7-20-25	31,750.00
Webster	C. J. Kramme & Co.	10-24-25	1,589.00
Winnebask	Flower & Floyd	5-7-25	15,900.00
Winnebask	John J. Grose	6-9-25	1,190.00
Winnebask	A. Olson Construction Co.	6-9-25	16,075.00
Winnebask	Ward & Tisdow	6-12-25	8,736.00
Winnebask	Clinton Bridge Works	6-18-25	5,170.00
Winnebask	A. Olson Construction Co.	8-24-25	10,640.00
Woodbury	Material Supply & Cont. Co.	3-27-25	7,690.00
Woodbury	J. E. Anderson	5-18-25	3,080.00
Woodbury	Volles Construction Co.	7-20-25	4,000.00
Woodbury	J. A. Anderson	9-11-25	7,800.00
Woodbury	Volles Construction Co.	10-21-25	27,996.00
Worth	A. Olson Construction Co.	5-20-25	14,855.00
Worth	C. A. Holvik	6-20-25	11,201.00
Wright	L. O. Kimball	9-20-25	4,807.00
Wright	Iowa Bridge Co.	4-10-25	13,494.00
Wright	A. J. Carpenter & Co.	7-23-25	2,200.00

Total Amount of Contracts..... \$ 8,214,206.80

SCHEDULE NO. 3

MATERIAL CONTRACTS SUBMITTED FOR APPROVAL
DECEMBER 1, 1924—DECEMBER 1, 1925

County	Contractor	Material	Date
Allamakee	W. W. Saylor	Lumber	2-27-25
Allamakee	Chris. Birch Lumber Co.	Cement	2-27-25
Allamakee	Eaton & Jones	Cement	2-27-25
Appanoose	Wheeler Lbr., Br. & Sup. Co.	Lumber	1-30-25
Appanoose	John Lucas Co., Inc.	Paint & Brushes	1-30-25
Benton	Ellis Lumber Co.	Lumber	12- 8-24
Benton	Klauer Mfg. Co.	Corr. Culv.	2-27-25
Black Hawk	Union Iron Products Co.	Corr. Culv. Metal	2-26-25
Black Hawk	Brooks Bros., Inc.	Lumber & Piling	2- 9-25
Bremer	W. W. Saylor	Lumber & Piling	12- 8-24
Bremer	Waterloo Construction Co.	Rein. Steel	6- 9-25
Bremer	Klauer Mfg. Co.	Corr. Culv. Pipe	6- 9-25
Bremer	Spain & Rose Lbr. Co.	Cement	6- 9-25
Buchanan	Cement Products Co.	Conc. Pipe	12-19-24
Buchanan	Wheeler Lbr., Br. & Sup. Co.	Lumber	2-25-25
Buchanan	Union Iron Products Co.	Corr. Culv.	3- 2-25
Cass	Standard Bridge Co.	Lumber & Piling	12- 5-24
Cass	Atlantic Lumber Co.	Piling	12- 5-24
Clarke	Pittsburgh-Des Moines Steel Company	1-6x16 Y Series	8-19-25
Delaware	Wheeler Lbr., Br. & Sup. Co.	Lumber	12-26-24
Delaware	Klauer Mfg. Co.	Corr. Culv.	2-27-25
Dubuque	Klauer Mfg. Co.	Corr. Culv.	2-27-25
Dubuque	Nebraska Br. Sup. & Lbr. Co.	Lumber	2-27-25
Fayette	Wheeler Lbr., Br. & Sup. Co.	Lumber	1- 2-25
Fayette	Independence Corr. Culv. Co.	Corr. Culv.	3- 8-25
Fayette	Waterloo Construction Co.	Rein. Steel	3- 3-25
Grundy	Nebraska Br. Sup. & Lbr. Co.	Lumber & Piling	4- 8-25
Iowa	Wheeler Lbr., Br. & Sup. Co.	Lumber	2-27-25
Jackson	Nebraska Br., Lbr. & Sup. Co.	Lumber & Piling	2-27-25
Jackson	Independence Corr. Culv. Co.	Corr. Culv. Pipe	6- 9-25
Johnson	Wheeler Lbr., Br. & Sup. Co.	Lumber	2-25-25
Johnson	Independence Corr. Culv. Co.	Corr. Culv.	7-20-25
Linn	Independence Corr. Culv. Co.	Corr. Culv.	8-19-25
Lyon	Sibley Cement Co.	Conc. Pipe	3-27-25
Marion	Iowa Pure Iron Co.	Corr. Culv.	7- 3-25
Scott	Independence Corr. Culv. Co.	Corr. Culv.	3- 9-25
Scott	Wheeler Lbr., Br. & Sup. Co.	Lumber	3- 9-25
Shelby	Green Bay Lbr. Co.	Sand & Gravel	10-31-25
Story	Pittsburgh-Des Moines Steel Company	I-Beam Steel	12-19-24
Story	G. R. Newton	Lumber	12-19-24
Story	W. W. Saylor	Piling	12-19-24
Tama	Klauer Mfg. Co.	Corr. Metal Culv.	12-26-24
Tama	Standard Bridge Co.	Lumber	12-26-24
Webster	Klauer Mfg. Co.	Corr. Culv.	3- 9-25
Winnebuck	Independence Corr. Culv. Co.	Corr. Culv.	6- 9-25
Woodbury	Pittsburgh-Des Moines Steel Company	I-Beam Steel	6-12-25

CHAPTER IV

Department of Road Administration

Projects Approved.

(a) *Primary Road Improvement Projects.* Refer to Schedules Number 4 and 5. Sixty-six projects, contemplating the improvement of 462.39 miles of road at an estimated cost of \$3,484,951.05 have been approved by the Commission. Twenty-eight of these have been designated as Federal Aid projects and have been approved by the Secretary of Agriculture. Of the sixty-six projects, five contemplate the hard-surfacing of 13.42 miles, twenty-five contemplate the gravel surfacing of 166.30 miles, while the remaining projects contemplate improving 282.67 miles by constructing to finished grade and providing the necessary drainage, with no surfacing involved.

(b) *City-Primary Projects.* Refer to Schedule Number 6. Five city projects, involving the paving of 3.21 miles of primary road extensions within the limits of cities and towns, were approved by the Commission. The total estimated cost of these five projects, for which plans, specifications and estimates were prepared, is \$139,213.31, and the amount to be paid from the Primary Road Fund is \$59,637.46.

(c) *Secondary-Primary Road Projects.* Refer to Schedule Number 7. Thirty-nine projects in thirteen counties have been approved for the improvement of 313.47 miles of secondary roads under the provisions of Section 4737, Chapter 241, Code of 1924, whereby Primary Road Funds may be used on secondary roads after the primary road system is fully improved by grading, draining and graveling, or other approved surfacing. Of these thirty-nine projects, twenty-one involve the grading only of 166.88 miles, three involve the grading and graveling of 20.72 miles, and fifteen involve the graveling and necessary drainage on 125.87 miles.

Plans, Specifications and Estimates Submitted.

(a) *Federal Aid Projects.* Refer to Schedule Number 8. Plans, specifications and estimates have been submitted to the Bureau of Public Roads for forty projects, involving the improvement of 277.14 additional miles of road at an estimated cost of \$4,089,351.22. Five of these projects contemplate the hard-surfacing of 47.65 miles,

three projects contemplate the gravel surfacing of 48.82 miles, while the improvement contemplated on 180.67 miles consists of constructing to finished grade and providing the necessary drainage structures, with no surfacing involved.

(b) *Primary Road Projects.* Refer to Schedule Number 9. Plans, specifications and estimates have been submitted to the Boards of Supervisors for fifty projects involving the improvement of 235.35 miles of road at an estimated cost of \$1,166,022.81. Five of these projects involve the hard-surfacing of 5.70 miles, twenty-eight projects involve the gravel surfacing of 180.16 miles, while the improvement involved on the remaining 49.49 miles consists in constructing to finished grades and providing the necessary drainage structures with no surfacing included.

Project Agreements Executed. (Refer to Schedule Number 10.)

Projects agreements were executed by the Secretary of Agriculture and the State Highway Commission whereby \$1,670,766.05 of Federal Aid funds were set aside as the Federal Government's share of the cost of construction, involved in twenty-nine projects. The work contemplated in these projects involves the improvement of 230.40 miles, 70.28 miles including hard-surfacing, and the remaining 160.12 miles including constructing to finished grade and providing the necessary drainage structures, with no surfacing involved.

Contracts Awarded and Contracts Approved. (Refer to Schedules Number 11, 12, and 13.)

Lettings held in seventy-eight counties on 195 projects have resulted in the awarding of 331 contracts. Of these 254 contracts covered work on the primary road system, 4 covered work on extensions of primary roads within cities, and 73 covered work on the secondary road system on which primary road funds were allotted. Of the 254 contracts on the primary road system, 253 contracts totalling \$4,104,648.58 have been approved, and one contract, amounting to \$12,576.74, was disapproved. Of the 4 contracts covering work on extensions of primary roads within cities all were approved, totalling \$128,954.24. 72 contracts, amounting to \$520,610.80, covering work on the secondary system, have been approved, and one contract, amounting to \$188.12, was disapproved. The 253 contracts approved for work on the primary road system include constructing to finished grade and draining 296.05 miles,

gravel surfacing 317.54 miles additional to that previously reported, and hard-surfacing with grading and draining incidental thereto, 71.72 miles. The 4 approved contracts for work on extensions of primary roads within cities involve the hard surfacing of 2.93 miles.

Schedule Number 11 gives detailed information as to name of contractor, quantities involved, unit prices, total amount of contract, and action on same by the Commission, on all contracts for work on the primary road system. Schedule Number 12 gives the same information with reference to work on projects that are located on extensions of primary roads within cities. Schedule Number 13 gives the same information for work on the secondary system, to which road funds have been allotted. Average prices for work awarded on the primary road system areas follows:

The contracts for building roads to established grade on the primary road system, with no hard-surfacing in connection therewith, involves moving 4,970,369 cubic yards of earth excavation at an average price of 21.855c per cubic yard.

Channel changes, approach excavation and cross road excavation in connection with primary road construction involve 128,932 cubic yards of earth excavation at an average price of 27.96c per cubic yard.

Excavation work in connection with paving projects on the primary road system involve moving 309,576 cubic yards of earth at an average price of 68c per cubic yard.

The gravel surfacing work on the primary road system involves screening, loading, hauling one mile and spreading 464,834 cubic yards of gravel at an average price of 39.29c per cubic yard, while the average price on 2,573,267 units of additional half mile haul was 7.62c per unit.

The average price on 238,200 lin. ft. of 6-inch tile drain complete was 11.42c per lin. ft.

The average price on 788,004.5 sq. yd. of concrete pavement on the primary road system was \$2.4528 per sq. yd.

For work awarded on the secondary system to which primary road funds were allotted the following average prices obtained:

1,186,727 cubic yards of earth excavation at an average price of 23.59c per cubic yard; 223,118 cubic yards of gravel, load, haul one mile and spread, at 32.55c per cubic yard; 1,383,133 units of gravel additional half mile haul at 7.36c per unit, and 98,120 lin. ft. of 6-inch tile drain at 10.41c per lin. ft.

Secondary Road Contracts Approved.

(a) *County work aside from Secondary Districts.* Refer to Schedule Number 14. 73 contracts, amounting to \$603,514.75, have been approved for secondary road work aside from contracts in connection with secondary road districts.

(b) *Secondary Road District Contracts.* Refer to Schedule Number 15. Contracts on sixty-three districts, amounting to \$254,853.37, have been approved for work in connection with secondary graveling districts.

SCHEDULE NO. 4

FEDERAL AID PROJECT STATEMENTS APPROVED BY BUREAU OF PUBLIC ROADS
DECEMBER 1, 1924—DECEMBER 1, 1925

County	Project No.	Length in Miles				Estimated Cost
		Grading	Gravel	Paving	Total	
Adams	227	6.00			6.00	\$ 67,000.00
Appanoose	280	3.25			3.25	40,000.00
Benton	232	10.00			10.00	40,000.00
Clarke	241	14.90			14.90	100,000.00
Crawford	232	9.58			9.58	101,000.00
Fremont	235	14.00			14.00	60,000.00
Harrison	238	12.00			12.00	140,800.00
Henry	219	10.20			10.20	82,000.00
Ida	248		8.16		8.16	20,000.00
Iowa	244	5.50			5.50	108,050.00
Iowa	242	1.25			1.25	77,000.00
Jones	234	8.50			8.50	100,000.00
Linn	229	15.00			15.00	102,500.00
Linn	224	12.00			12.00	90,000.00
Linn	230	13.00			13.00	50,000.00
Linn	225	7.00			7.00	91,000.00
Lucas	226	4.50			4.50	80,000.00
Madison	236	6.25			6.25	43,000.00
Marion	231	6.50			6.50	40,000.00
Mills	235	8.00			8.00	40,000.00
Monroe	240	10.50			10.50	60,000.00
Montgomery	228	15.00			15.00	120,000.00
O'Brien	247	5.00			5.00	25,000.00
Scott	243	8.43	8.43		8.43	427,142.54
Van Buren	222	16.20			16.20	110,000.00
Wapello	246	11.00			11.00	66,500.00
Wayne	237	9.40			9.40	105,000.00
Woodbury	245	6.85			6.85	75,000.00
Total	28	252.31	8.16	8.43	268.90	\$ 2,587,992.24

SCHEDULE NO. 5

PRIMARY ROAD PROJECTS APPROVED BY HIGHWAY COMMISSION
DECEMBER 1, 1924—DECEMBER 1, 1925

County	Project No.	Length in Miles				Estimated Cost
		Grading	Gravel	Paving	Total	
Appanoose	431		1.25		1.25	\$ 3,303.20
Benton	426	0.60			0.60	6,105.00
Benton	437	3.00	3.00		3.00	28,435.00
Boone	30	12.00			12.00	27,510.00
Bremer	421		4.20		4.20	5,960.46
Bremer	422		5.16		5.16	6,720.89

SCHEDULE NO. 5—Continued

County	Project No.	Length in Miles			Estimated Cost	
		Grading	Gravel	Paving		
Cherokee	415		10.20		10.20	17,171.00
Cherokee	382-B		4.50		4.50	10,721.10
Cedar	457	9.18			9.18	853.80
Clay	420		2.06		2.06	4,143.02
Clayton	439		7.93		7.93	31,845.00
Clinton	352	14.52			14.52	87,102.29
Clinton	434	9.30		0.30	9.30	16,729.00
Emmet	301-A			1.00	1.00	4,556.02
Floyd	429		2.50	3.50	3.50	12,964.38
Fremont	136-B	0.53			0.53	5,476.00
Grundy	417		23.26		23.26	38,029.00
Greene	324	4.00	4.00		4.00	31,350.00
Harrison	423	9.50		0.50	9.50	17,225.00
Henry	408	9.02			9.02	3,921.50
Keokuk	246	9.00			9.00	16,295.58
Ltaca	436	1.33			1.33	10,500.00
Marshall	409	4.50	4.50		4.50	33,480.50
Marshall	442	0.75			0.75	3,124.03
O'Brien	413		14.14		14.14	32,834.30
O'Brien	432		15.49		15.49	35,633.25
Page	37-EXT	0.31			0.31	6,917.29
Palo Alto	410		13.00		13.00	24,806.00
Polk	418	2.75		2.75	2.75	98,562.75
Poweshiek	416		13.00		13.00	55,375.00
Scott	405	1.44		1.44	1.44	51,521.80
St. Louis	391-F		2.78		2.78	3,287.85
Story	407	1.00	1.00		1.00	7,755.00
Story	430	1.50	1.50		1.50	10,948.00
Tama	428		6.78		6.78	25,305.12
Union	402		5.52		5.52	8,364.95
Union	410		3.00		3.00	3,200.00
Warren	404	3.45			3.45	33,000.50
Waver	278	4.50			4.50	29,370.00
Webster	380	7.98	7.98		7.98	57,282.50
Totals	38	69.26	158.14	4.99	201.92	\$ 806,958.51

*Transferred to Federal Aid Project. Previously reported as Primary Road Project.

SCHEDULE NO. 6

CITY-PRIMARY PROJECTS APPROVED BY HIGHWAY COMMISSION
DECEMBER 1, 1924—DECEMBER 1, 1925

City	Project No.	Length of Paving	Distribution of Cost			Estimated Cost
			Special Assessment	City Funds	Primary Road Funds	
Elkader	C-15	6.29	\$ 12,187.50		\$ 6,240.00	\$ 19,427.50
Iowa City	C-34	0.87	22,000.00			37,000.00
Sigourney	C-07	0.00	14,014.29		14,014.29	28,028.79
Marshalltown	C-26	1.00	20,844.84	\$ 3,705.55	20,000.00	44,550.39
Polk	C-38	0.31	3,823.56		4,383.07	10,206.63
Totals	5	8.21	\$ 70,870.29	\$ 3,705.55	\$ 39,627.46	\$ 139,213.91

SCHEDULE NO. 7

SECONDARY-PRIMARY PROJECTS APPROVED BY HIGHWAY COMMISSION
DECEMBER 1, 1924-DECEMBER 1, 1925

County	Project No.	Length in Miles			Estimated Cost
		Grading	Gravel	Total	
Buena Vista	S-10		11.50	11.50	\$ 20,105.94
Buena Vista	S-11		9.00	9.00	13,860.00
Buena Vista	S-27	9.07		9.07	19,805.00
Buena Vista	S-28	8.50		8.50	16,934.50
Buena Vista	S-29	9.00		9.00	19,024.50
Calhoun	S-33	5.00		5.00	12,373.00
Calhoun	S-34	12.00		12.00	28,908.00
Calhoun	S-35		8.00	8.00	12,639.39
Calhoun	S-36		10.50	10.50	17,300.00
Calhoun	S-37		3.00	3.00	3,839.00
Calhoun	S-54	3.50		3.50	8,085.00
Calhoun	S-55	4.00		4.00	7,199.50
Clay	S-40	6.66		6.66	20,306.00
Dickinson	S-50		8.50	8.50	5,939.62
Dickinson	S-51		4.00	4.00	4,435.00
Dickinson	S-52		6.00	6.00	6,982.50
Dickinson	S-53		5.00	5.00	9,156.25
Emmet	S-23	4.00		4.00	9,701.00
Emmet	S-24	4.00		4.00	9,847.50
Emmet	S-25	5.00		5.00	15,900.00
Franklin	S-16		1.00	1.00	5,391.90
Hancock	S-40	5.00		5.00	16,307.50
Hancock	S-45	5.00		5.00	15,840.00
Humboldt	S-21	14.00	14.00	14.00	44,828.55
Humboldt	S-49		9.75	9.75	11,893.00
Kossuth	S-12		13.50	13.50	22,519.10
Kossuth	S-13		16.50	16.50	17,805.15
Kossuth	S-30		7.00	7.00	9,950.44
Kossuth	S-31	17.00		17.00	30,855.00
Kossuth	S-42	6.50		6.50	15,015.00
Marshall	S-47		13.12	13.12	21,197.40
Marshall	S-48	4.22		4.22	10,328.13
Marshall	S-52	13.75		13.75	16,720.00
Oseola	S-13	2.50	2.50	2.50	10,171.98
Oseola	S-20	22.00		22.00	44,322.00
Pocahontas	S-19	4.50		4.50	19,222.00
Sac	S-41	6.00		6.00	10,371.00
Sac	S-42	5.80		5.80	10,536.00
Totals	39	187.60	146.59	334.19	\$ 608,977.45

*Amended.

SCHEDULE NO. 8

PLANS, SPECIFICATIONS AND ESTIMATES ON FEDERAL AID PROJECTS
SUBMITTED TO BUREAU OF PUBLIC ROADS
DECEMBER 1, 1924-DECEMBER 1, 1925

County	Project No.	Length in Miles				Estimated Cost	Federal Aid Requested
		Grading	Gravel	Paving	Total		
Adair	173-C	-0.02			-0.02	\$ -774.87	\$ -460.00
Adams	227					40,218.42	20,100.00
Adams	227	6.16			6.16	75,349.61	37,000.00
Appanoose	239	4.93			4.93	26,952.20	13,450.00
Appanoose	239-B					14,019.50	7,009.75
Audubon	52-A	6.78			6.78	53,265.80	25,600.00
Benton	233	10.17			10.17	39,816.48	19,900.00
Carroll	154-B	6.70			6.70	46,390.51	23,000.00
Carroll	154-D	1.11			1.11	6,916.64	3,400.00
Carroll	154-E	6.05			6.05	45,908.67	22,900.00
Cass	44-C	1.94			1.94	22,542.08	11,250.00
Cedar	213	13.89			13.89	58,397.33	29,000.00
Chickasaw	160					18,165.47	8,800.00

SCHEDULE NO. 8-Continued

County	Project No.	Length in Miles				Estimated Cost	Federal Aid Requested
		Grading	Gravel	Paving	Total		
*Chickasaw	160-C					14,017.30	7,000.00
Clarke	33-B		.57		.57	3,850.70	1,900.00
Clarke	241-A	3.18			3.18	17,108.12	8,500.00
Clayton	156		14.41			28,518.94	14,100.00
*Crawford	232-C					34,760.76	17,300.00
Crawford	232-A	8.02			8.02	39,528.02	44,700.00
Crawford	232-B					19,948.57	9,700.00
Davis	209-A	10.53			10.53	116,216.83	58,000.00
Davis	209-B	.37			.37	5,629.45	2,800.00
Franklin	212-C					13,725.80	6,820.90
Harrison	228-A					14,711.06	7,347.61
Harrison	228-A	11.85			11.85	32,432.50	41,000.00
*Harrison	228-B					78,682.57	39,000.00
Harrison	138-AB	13.00			13.00	96,889.08	47,900.00
Henry	151-C	+ .03			+ .03	-965.24	-500.00
Henry	219	8.64			8.64	71,241.83	35,500.00
*Howard	31-B					9,045.32	4,500.00
Ia	90		8.16		8.16	25,242.14	12,600.00
Iowa	90		26.25			130,871.34	65,300.00
*Iowa	244-C					24,844.60	12,422.30
Jackson	143	11.79			11.79	99,250.84	49,600.00
Jones	234-A	3.42			3.42	32,015.28	16,000.00
*Keokuk	94-B			5.52		196,680.44	74,198.45
Linn	96-A			7.23		232,009.61	99,827.00
Linn	229	13.43			13.43	108,742.87	51,400.00
Linn	234	11.46			11.46	48,664.32	24,000.00
Linn	228	6.93			6.93	28,256.87	13,900.00
Linn	230	13.08			13.08	45,839.28	22,900.00
Lucas	223	4.53			4.53	90,288.28	48,000.00
Marion	231	0.50			0.50	42,105.91	21,000.00
O'Brien	247	4.39			4.39	16,540.48	8,250.00
Polk	215		7.32		7.32	280,065.44	109,700.00
Polk	216		9.37		9.37	419,845.03	160,400.00
Scott	221	9.79			9.79	314,831.55	146,700.00
Scott	243	8.43			8.43	347,697.46	136,400.00
Van Buren	222-A	7.57			7.57	45,969.81	21,900.00
Van Buren	222-B	4.52			4.52	39,319.63	15,000.00
Van Buren	222-D	1.97			1.97	8,422.48	4,100.00
Van Buren	222-E					81,263.60	40,631.50
*Wapello	246-A					13,123.00	6,561.50
Wayne	237-E					70,736.00	35,325.50
Wayne	237-A	.27			.27	2,704.46	1,350.00
Wayne	237-B	.29			.29	1,800.31	650.00
Wayne	237-C	4.84			4.84	56,635.48	28,300.00
Wayne	237-D	3.96			3.96	12,837.55	6,400.00
Woodbury	245-A	0.85			0.85	39,222.27	19,000.00
*Woodbury	245-B					37,418.70	18,700.00
Totals	40	256.24	48.82	47.65	277.14	\$4,089,351.22	\$ 1,881,780.21

*Drainage structures only. †Increased estimate. ‡Decreased estimate.

SCHEDULE NO. 9

PLANS, SPECIFICATIONS AND ESTIMATES FOR PRIMARY ROAD PROJECTS
SUBMITTED TO BOARDS OF SUPERVISORS
DECEMBER 1, 1924 TO DECEMBER 1, 1925

County	Project No.	Length in Miles				Estimated Cost
		Grading	Gravel	Paving	Total	
Adams-Montgomery	B-142		.45		.45	\$ 5,546.00
Boone	30	12.10			12.10	42,116.14
Brenner	421		4.20		4.20	5,960.46
Brenner	422		5.19		5.19	6,729.89
Butler	71		.46		.46	2,905.68
Butler	290-B		4.78		4.78	23,096.53

SCHEDULE NO. 9—Continued

County	Project No.	Length in Miles				Estimated Cost
		Grading	Gravel	Paving	Total	
Carroll	308	.82	.82		.82	7,017.45
Cherokee	262-B		4.69		4.69	10,721.10
Cherokee	415		10.40		10.40	18,229.28
Cedar	437	.18			.18	853.50
Clay	439		2.96		2.96	4,167.62
Clayton	439		7.93		7.93	21,499.61
Clinton	434	.30		.30	.30	25,966.70
Dallas	259		7.43		7.43	12,500.32
Emmet	391-A	.85			.85	5,826.01
Fayette	211		1.29		1.29	5,171.33
Floyd	209-B		4.83		4.83	8,809.51
Franklin	414		5.12		5.12	6,203.99
Greene	153-A	4.12			4.12	50,261.38
Greene	324-F		10.62		10.62	19,175.58
Greene	214-B	19.62			19.62	48,316.88
Grundy	417		23.25		23.25	41,587.45
Hamilton	217		6.16		6.16	28,371.55
Hamilton	218		5.95		5.95	17,880.08
Harrison	423	.54		.54	.54	17,349.56
Ida	213-B	1.43			1.43	19,386.09
Iowa	F-90	.82			.82	4,212.87
Jefferson	F-3	.61			.61	3,645.82
Keokuk	746	9.00			9.00	16,295.38
Lee	292	.83			.83	28,728.62
Marshall	356					12,432.47
Marshall	499	4.44			4.44	37,128.19
Mitchell	134		5.72		5.72	9,907.81
Monona	38	6.35			6.35	22,910.49
Monona	38	6.48			6.48	67,809.39
Miscellaneous	295		5.08		5.08	19,135.66
O'Brien	413		14.14		14.14	23,868.16
O'Brien	432		15.49		15.49	35,653.20
Page	27	.31			.31	4,797.68
Palo Alto	419		12.63		12.63	25,910.92
Polk	418	2.74		2.74	2.74	125,295.33
Pottawattamie	21-C	.71			.71	13,936.59
Pottawattamie	490	.68		.68	.68	30,662.84
Scott	405	1.44		1.44	1.44	51,821.89
Story	430	1.50		1.50	1.50	11,180.23
Tama	428		6.78		6.78	32,143.98
Union	276	2.89			2.89	41,916.25
Union	440		1.68		1.68	3,295.32
Webster	183		5.02		5.02	17,788.56
Webster	389	5.61			5.61	18,201.75
Winneshiek	121					5,665.00
Worth	82	12.91			12.91	48,273.23
Wright	387	2.60	4.60		2.60	18,839.58
Totals	50	96.84	180.16	5.70	283.35	\$ 1,166,922.51

*Additional estimate. †Railway crossing projects.

SCHEDULE NO. 10

PROJECT AGREEMENTS EXPEDITED BY SECRETARY OF AGRICULTURE
DECEMBER 1, 1934 TO DECEMBER 1, 1935

County	Project No.	Length in Miles				Estimated Cost	Federal Aid Allotted
		Grading	Gravel	Paving	Total		
Audubon	208	8.53			8.53	\$ 105,779.07	\$ 52,500.00
Benton	253	10.17			10.17	39,816.48	19,900.00
Carroll	154-BDE	13.86			13.86	99,803.22	49,400.00
Cedar	213	13.89			13.89	58,248.63	29,000.00
Chickasaw	160					18,165.47	8,800.00
Chickasaw	160-C					14,823.60	7,400.00
Clayton	156					-8,326.47	-4,000.00
Davis	209-AB	10.06			10.06	121,887.50	60,800.00
Harrison	138-AB	14.05			14.05	93,889.08	47,900.00
Harrison	238-A	11.85			11.85	82,430.20	41,000.00
Harrison	238-B					78,682.57	39,000.00
Harrison	151-E					60,759.00	30,000.00
Henry	151-C	1.62			1.62	6,989.25	3,400.00
Henry	219	8.64			8.64	11,241.53	5,500.00
Jackson	143	11.79			11.79	59,286.84	49,600.00
Jones	234-A	3.42			3.42	32,015.28	16,000.00
Linn	96-A			7.22	7.22	252,009.61	99,827.80
Linn	96-B			5.52	5.52	196,586.44	74,198.45
Linn	224	11.46			11.46	48,594.62	24,000.00
Linn	225	6.93			6.93	58,298.37	29,000.00
Linn	229	13.43			13.43	103,743.87	51,400.00
Linn	230-AB	13.08			13.08	45,833.25	22,900.00
Marion	231	6.50			6.50	42,106.91	21,000.00
Marshall	211	22.32		22.32	22.32	782,674.44	334,000.00
Polk	225	1.50		1.50	1.50	62,888.38	32,400.00
Polk	215	7.32		7.32	7.32	280,011.02	100,700.00
Polk	216	9.37		9.37	9.37	149,845.00	140,400.00
Scott	217-A	1.21		1.21	1.21	44,649.20	18,100.00
Scott	217-B	6.08		6.08	6.08	193,639.62	96,400.00
Scott	221	9.79		9.79	9.79	314,831.55	146,700.00
Totals	29	217.66		70.28	230.40	\$ 3,822,681.79	\$ 1,670,706.05

*Revised agreements—Increase or decrease. †Drainage structures.

SCHEDULE NO. 11
 CONTRACTS AWARDED, CONTRACTS APPROVED AND CONTRACTS DISAPPROVED ON PRIMARY ROAD AND FEDERAL AID PROJECTS
 DECEMBER 1, 1924-DECEMBER 1, 1925

County	Project Number	Contractor	Item	Estimated Quantities	Unit Price	Total Amount by Contract	Action by Commission	Date
Adair	173-0	Phelan-Shirley Co.	Earth excav. Loose rock Solid rock Channel excav. Overhaul	137,354 cu. yd. 560 cu. yd. 3,800 cu. yd. 5,000 cu. yd. 147,000 sta. yd.	\$ 0.225 1.00 2.25 .225 .02	\$ 40,842.55	Approved	8-18-23
Adams	27	Geo. W. Cordon.	Earth excav. Solid rock Overhaul	112,371 cu. yd. 5,000 cu. yd. 14,000 cu. yd.	\$ 0.22 1.00 .22			
Appanoose	431	Sargent Bros.	Earth excav. 15" culv. labor 18" culv. labor 24" culv. labor Shade, 1 mile haul..... Shade, ½ mile haul.....	101,050 sta. yd. 140 lin. ft. 40 lin. ft. 30 lin. ft. 1,925 cu. yd. 1,900 cu. yd.	.02 .25 .40 .30 \$.129 \$.11	\$ 38,135.92	Approved	9-24-25
Auburn	308	Oulahan - Walker Const. Co.	Earth excav. 15" culv. labor 18" culv. labor 24" culv. labor Overhaul	308,000 cu. yd. 32 lin. ft. 104 lin. ft. 32 lin. ft. 180 lin. ft. 474,700 sta. yd.	\$ 0.22 .50 .75 .50 1.50	\$ 7,817.35	Approved	9-7-25
Audubon	52-A	Geo. W. Cordon.	Earth excav. Earth excav. 6" tile drain..... 12" tile drain..... Intakes	180,067 cu. yd. 5,300 cu. yd. 5,375 lin. ft. 925 lin. ft.	\$ 0.135 \$.135 \$.147 \$.47	\$ 25,360.75	Approved	11-4-25
Benton	253	Shirley Const. Co.	Earth excav.	116,846 cu. yd.	\$ 0.224	\$ 1,297.63	Approved	11-4-25

Benton	23	Albert Thompson	Approach excav. Special ditch	1,063 cu. yd. 483 cu. yd.	.224 2.24			
Black Hawk	25	Connor & Lee	Loose rock Solid rock 15" culv. labor 18" culv. labor Overhaul	149 lin. ft. 180 lin. ft. 147,400 sta. yd.	.35 .35 .02	\$ 29,004.50	Approved	8-8-25
Black Hawk	31	Albert Thompson	6" tile complete.....	2,400 lin. ft.	\$ 0.12	\$ 300.00	Approved	8-13-25
Black Hawk	35	Connor & Lee	Guard rail	1,372 lin. ft.	\$ 0.284	\$ 410.20	Approved	9-8-25
Black Hawk	35	Connor & Lee	Guard rail	2,532 lin. ft.	\$ 0.264	\$ 889.72	Approved	9-8-25
Black Hawk	35	Connor & Lee	Guard rail	2,808 lin. ft.	\$ 0.284	\$ 999.31	Approved	9-8-25
Boone	30	Louis Mos	Anchors	8	6.00	\$ 4,225.00	Approved	6-8-25
Boone	30	Wm. Dutton	Graveling	6,500 cu. yd.	\$ 0.65			
Boone	30	Wm. Dutton	Earth excav. Approach excav. Channel change	108,845 cu. yd. 500 cu. yd. 300 cu. yd.	\$ 0.285 .25 .25			
Boone	30	E. H. Hagalen	Loose rock Solid rock 15" culv. labor 18" culv. labor Overhaul	340 lin. ft. 140 lin. ft. 91,000 sta. yd.	1.50 0.30 .40 .02	\$ 28,132.96	Approved	8-3-25
Boone	30	E. H. Hagalen	6" tile labor..... 12" tile labor..... Intakes	4,225 lin. ft. 40 lin. ft. 16	\$ 0.65 4.00 15.00			
Boone	30	National Sewer Pipe Co.	6" tile material..... 10" tile material.....	4,825 lin. ft. 439 lin. ft.	.66992 .181	\$ 919.82	Approved	8-3-25
Boone	30	Mike Munson	12" vit. tile	540 lin. ft.	\$ 0.60	\$ 316.00	Approved	8-20-25
Boone	30	Mike Munson	12" vit. tile	140 lin. ft.	\$ 0.57	\$ 4,275.00	Approved	8-13-25
Bremor	421	R. H. Jennings	Graveling	3,000 cu. yd.	\$ 0.27			
Bremor	421	R. H. Jennings	Gravel, 1 mi. haul..... Add. ½ mi. haul.....	4,700 cu. yd. 9,000 units	\$ 0.52 .09	\$ 3,403.40	Approved	7-2-25
Bremor	421	Henry Auner	Gravel material.....	2,429 cu. yd.	\$ 0.20	\$ 485.80	Approved	9-20-25
Bremor	422	R. H. Jennings	Gravel, 1 mi. haul..... Add. ½ mi. haul.....	8,500 cu. yd. 15,000 units	\$ 0.55 .10			

SCHEDULE NO. 11—Continued

County	Project Number		Contractor	Item	Estimated Quantities	Unit Price	Total Amount Contract	Action by Commission	Date
	Federal	Primary							
Butler		71	M. E. Church	Stripping pit	800 cu. yd.	.24	\$ 6,472.00	Approved	7- 2-25
Butler		71	R. H. Waugh	Earth excav.	600 cu. yd.	\$ 0.30	\$ 180.00	Approved	5- 8-25
Butler		167	Snater Const. Co.	Earth excav.	3,026 cu. yd.	\$ 0.50			
				Loose rock	273 cu. yd.	3.50			
				Solid rock	12,000 sta. yd.	.02	\$ 2,708.50	Approved	9-21-25
Butler		260	Shirley Const. Co.	Graveling labor	2,215 cu. yd.	\$ 0.60			
				Add. 1/2 mi. haul	869 units	.08			
				Reshaping road	1.494 miles	50.00	\$ 1,472.42	Approved	4- 1-25
Butler		260	Shirley Const. Co.	Template excav.	51,976 cu. yd.	\$ 0.235			
				Approach excav.	75 cu. yd.	.235			
				Channel excav.	1,200 cu. yd.	.235			
				Overhaul	65,550 sta. yd.	.02			
				Loose rock		2.00			
				Solid rock		3.00			
				15" culv. labor	160 lin. ft.	.30			
				18" culv. labor	176 lin. ft.	.35			
				24" culv. labor	96 lin. ft.	.40	\$ 13,972.98	Approved	7-25-25
Butler		260	Chris Jeppson	6" tile drain	17,263 lin. ft.	\$ 0.1135	\$ 1,959.35	Approved	5- 8-25
Butler		267	Snater Const. Co.	Gravel labor	11,513 cu. yd.	\$ 0.40			
				Add. 1/2 mi. haul	72,675 units	.08			
				Stripping pit	3,000 cu. yd.	.30			
				Reshaping road	7.378 miles	50.00	\$ 11,388.10	Approved	3-30-25
Butler		371	Shirley Const. Co.	Earth excav.	4,767 cu. yd.	\$ 0.235			
				Loose rock		2.00			
				Solid rock		3.00	\$ 1,120.25	Approved	7-25-25
Butler		371	Chris Jeppson	6" drain	5,741 lin. ft.	\$ 0.111			
				8" drain	1,360 lin. ft.	.155			
				Intakes	6	10.00	\$ 906.50	Approved	5- 5-25
Butler		371	Moe & Nelson	Gravel, 1 mi. haul	1,047 cu. yd.	\$ 0.30			

				Add. 1/2 mi. haul	13,350 units	.074			
				Stripping pit	300 cu. yd.	.30	\$ 1,302.00	Approved	9-28-25
Carroll		244	National Sewer Pipe Co.	15" bell pipe	360 lin. ft.	\$ 0.75			
				18" bell pipe	50 lin. ft.	1.05	\$ 315.00	Approved	10- 3-25
Carroll		154-B	O. F. Betz	Earth exave	115,351 cu. yd.	\$ 0.197			
				Earth excav.	2,590 cu. yd.	.247			
				15" culv. labor	480 lin. ft.	.40			
				18" culv. labor	48 cu. yd.	.45			
				Overhaul	300,906 sta. yd.	.02			
				Clear and grub			\$ 32,088.17	Approved	5-23-25
Carroll		308	N. W. Gravel Co.	Gravel FOB Manning	1,400 cu. yd.	\$ 1.7925	\$ 2,509.50	Approved	6- 5-25
Carroll		308	H. H. Clauson	Gravel, 1 mi. haul	1,405 cu. yd.	\$ 0.36			
				Add. 1/2 mi. haul	1,405 units	.10	\$ 646.30	Approved	6- 6-25
Cass		44-C	Geo. W. Condon	Earth excav.	60,092 cu. yd.	\$ 0.189			
				Approach excav.	173 cu. yd.				
				Loose rock		1.00	\$ 11,419.69	Approved	6-16-25
Cedar		57	H. J. Murphy	Guard rail	6,520 lin. ft.	\$ 0.244			
				Guard rail	13,580 lin. ft.	.244			
				Anchors	83	5.50	\$ 5,113.40	Approved	9- 8-25
Cedar		57-E	E. Danielson	6" drain	2,065 lin. ft.	\$ 0.15			
				Connections	10	.25	\$ 319.75	Approved	11-14-25
Cedar		437	Jenner Bros.	Excavation	2,716 cu. yd.	\$ 0.249			
				Culv. pipe labor	50 lin. ft.	.35	\$ 603.78	Approved	11-20-25
Cherokee		282-A	Vincent Kelley	Earth excav.	36,649 cu. yd.	\$ 0.248			
				Approach excav.	60 cu. yd.	.248			
				Channel excav.	1,900 cu. yd.	.245			
				18" pipe labor	192 lin. ft.	.35			
				Loose rock excav.		1.50			
				Solid rock excav.		3.00			
				Overhaul	13,135 sta. yd.	.02	\$ 9,809.23	Approved	9- 9-25
Cherokee		282-B	Eugene Grant	Private bridge			\$ 297.00	Approved	9-23-25
Cherokee		282-B	Van & Van	Gravel, 1 mi. haul	7,167 cu. yd.	\$ 0.34			
				Add. 1/2 mi. haul	49,700 units	.07			
				Stripping pit	9,000 cu. yd.	.20			
				Repair road		100.00	\$ 7,815.78	Approved	9-23-25
Cherokee		415	Van & Van	Gravel, 1 mi. haul	8,486 cu. yd.	\$ 0.38			
				Gravel, 1 mi. haul	9,076 cu. yd.	.38			

SCHEDULE NO. 11—Continued

County	Project Number		Contractor	Item	Estimated Quantities	Unit Price	Total Amount Contract	Action by Commission	Date
	Federal	Primary							
Crawford		289	Geo. Cronkhite	Cable guard rail. End anchors		\$ 0.31 6.00	Amendment 24, 1924.	to contract	of Oct.
Crawford		288	F. H. Christenson	Cable guard rail. End anchors		\$ 0.31 6.00	Amendment 18, 1924.	to contract	of March
Crawford		289	N. W. Gravel Co.	Gravel FOB West Side	5,250 cu. yd.	\$ 1.545	\$ 8,125.16	Approved	5-22-25
Crawford		289	F. G. Bennethun	Gravel, 1 mi. haul. Add. 1/2 mi. haul. Stripping pit	4,364 cu. yd. 53,228 units 2,000 cu. yd.	\$ 0.30 .07 .20	\$ 5,435.16	Approved	5-29-25
Crawford		289	Van & Van	Gravel, 1 mi. haul. Add. 1/2 mi. haul.	5,250 cu. yd. 8,185 units	\$ 0.40 .699	\$ 2,913.92	Approved	5-30-25
Crawford		385	W. B. Linnan	Gravel, 1 mi. haul. Add. 1/2 mi. haul. Stripping pit	1,560 cu. yd. 3,780 units 300 cu. yd.	\$ 0.32 .08 .22	\$ 867.60	Approved	5-22-25
Crawford		385	Everett Seabury	Excavation Overhaul	2,270 cu. yd. 6,730 sta. yd.	\$ 0.41 .02	\$ 1,065.30	Approved	12-4-24
Crawford		288	C. E. Sanders	Fill gravel pit	1,400 cu. yd.	\$ 0.22	\$ 308.00	Approved	11-12-25
Dallas		250	Everett Seabury	Template excav. Approach excav. Chann'd excav. Loose rock Solid rock	7,573 cu. yd. 250 cu. yd. 2,400 cu. yd. 75 2.00	\$ 0.32 .32 .32 .75 2.00	\$ 3,271.36	Approved	10-10-25
Dallas		250-B	Moody & Foster	Gravel, 1 mi. haul. Add. 1/2 mi. haul. Stripping pit	8,177 cu. yd. 93,000 units 700 cu. yd.	\$ 0.38 .67 .22	\$ 8,953.56	Approved	7-6-25
Davis		309	Edgington & Harness	Chann'd excav.	26,866 cu. yd.	\$ 0.295	\$ 7,925.47	Approved	6-22-25

Davis		269	Howard Clark	Clear and grub			\$ 2,750.00	Approved	3-28-25
Decatur		319-A	J. H. Miller & Son	Excavation	40,628 cu. yd.	\$ 0.26	\$ 10,563.28	Approved	
Dickinson		23	Harold F. Wilson	Excavation Loose rock 6" water main low- ered 24" storm sewer 18" storm sewer 12" storm sewer Intakes 24" spec. intakes 8" sewer	7,705 cu. yd. 50 cu. yd. 785 lin. ft. 785 lin. ft. 65 lin. ft. 250 lin. ft. 2 2 800 lin. ft.	\$ 0.45 2.00 2.73 3.99 2.35 15.00 50.00 .60	\$ 7,727.84	Approved	9-20-25
Dickinson		268	Weaver & Weaver	Gravel, 1 mi. haul. Add. 1/2 mi. haul. Stripping pit	3,380 cu. yd. 26,000 units 350 cu. yd.	\$ 0.31 .9785 .20	\$ 3,957.00	Approved	6-6-25
Emmet		301-A	O'Hanlon & Reilly	Template excav. Approach excav. Loose rock Solid rock Overhaul	8,823 cu. yd. 100 cu. yd. 70 cu. yd. 250 lin. ft. 1,400 sta. yd.	\$ 0.275 .275 1.25 2.50 .02	\$ 2,614.08	Approved	9-9-25
Emmet		301-A	E. S. Camden	6" tile complete 8" tile complete 12" tile complete Type B intakes	8,023 lin. ft. 470 lin. ft. 2,375 lin. ft. 14	\$ 0.14 .185 1.50 15.00	\$ 2,411.83	Approved	9-9-25
Emmet		301-A	Ullensvang Bros.	Gravel, 1 mi. haul. Add. 1/2 mi. haul. Gravel pit strip	500 cu. ft. 1,250 units 100 cu. yd.	\$ 0.40 .085 .15	\$ 324.25	Approved	10-9-25
Emmet		361	Weaver & Weaver	Gravel, 1 mi. haul. Add. 1/2 mi. haul.	3,200 cu. yd. 21,000 units	\$ 0.31 .078	\$ 2,630.00	Approved	6-2-25
Emmet		361	Geo. Cronkhite	Guard rail Anchors	6,300 lin. ft. 24	\$ 0.257 5.75	\$ 1,757.10	Approved	8-30-25
Fayette		241	R. H. Jennings	Gravel, 1 mi. haul. Add. 1/2 mi. haul. Stripping pit	2,588 cu. yd. 4,764 units 500 cu. yd.	\$ 0.63 .967 .24	\$ 2,212.55	Approved	10-26-25
Fayette		252	M. O. Weaver	Gravel, 1 mi. haul. Add. 1/2 mi. haul. Stripping pit	26,075 cu. yd. 178,540 units 4,700 cu. yd.	\$ 0.295 .674 .22	\$ 24,345.58	Approved	7-2-25

SCHEDULE NO. 11—Continued

County	Project Number		Contractor	Item	Estimated Quantities	Unit Price	Total Amount Contract	Action by Commission	Date
	Federal	Primary							
Floyd		268	M. O. Weaver	Gravel, 1 mi. haul... Add. 1/2 mi. haul... Stripping pit... Shaping road	9,708 cu. yd. 40,715 units 2,400 cu. yd. 6.2 23 miles	\$ 0.44 .09 .25 50.00	\$ 8,847.02	Approved	3-11-25
Floyd		268	A. B. Milloy	Gravel material Roadway	9,000 cu. yd. 51.00	\$ 0.065 51.00	\$ 636.00	Approved	5- 2-25
Floyd		269	Russell & Garland	Gravel, 1 mi. haul... Add. 1/2 mi. haul... Stripping pit... Shaping road	7,328 cu. yd. 26,475 units 2,000 cu. yd. 4.826 miles	\$ 0.465 .079 .20 65.00	\$ 6,305.74	Approved	3-11-25
Floyd		269-B	G. H. Elliott	Cable guard rail... End anchors	5,900 lin. ft. 40	\$ 0.2775 5.70	\$ 1,640.70	Approved	7-28-25
Franklin		212-A	M. O. Weaver	Gravel, 1 mi. haul... Add. 1/2 mi. haul... Stripping pit... Shaping road	4,674 cu. yd. 56,000 units 1,000 cu. yd. 4.118 miles	\$ 0.345 .07 .25 55.00	\$ 6,609.02	Approved	5-11-25
Franklin		414	Heldt and Boyles	Gravel, 1 mi. haul... Add. 1/2 mi. haul... Stripping pit	5,443 cu. yd. 19,000 units 1,900 cu. yd.	\$ 0.28 .07 .23	\$ 3,684.04	Approved	5-11-25
Franklin		212-A	Connor and Lee	Guard rail... Anchors	8,780 lin. ft. 26	\$ 0.30 7.00	\$ 2,816.00	Approved	11-16-25
Fremont		136-B	Wm. Elliott	Excavation	14,891 cu. yd.	\$ 0.297	\$ 4,422.62	Approved	12-17-24
Fremont		136-B	Wilson Pipe Co.	Type C guard rail... Type A guard rail... Type A guard rail	96 lin. ft. 96 lin. ft. 1,443 lin. ft.	\$ 0.50 .42 .305	\$ 528.42	Approved	12-17-24
Greene		39-A	W. E. Schoppe	Type B guard rail... Type C guard rail	650 lin. ft. 35 lin. ft.	\$ 0.89 .55	\$ 402.75	Approved	10-12-25
Greene		158-A	Jefferson Cement Products Co.	6" tile complete	7,910 lin. ft.	\$ 0.112			

Greene		158-A	Phelan & Shirley	18" tile intakes... Earth excav... Approach excav... Loose rock... Solid rock... Overhaul... 15" culv. labor... 18" culv. labor... 24" culv. labor	6 41,331 cu. yd. 70 cu. yd. 1.50 1.50 66,259 sta. yd. 340 lin. ft. 100 lin. ft. 40 lin. ft.	15.00 \$ 0.222 .252 1.50 1.50 .02 .50 .90 .75	\$ 975.92	Approved	8-13-25
Greene		324	Phelan & Shirley Co.	Excavation... 15" culv. labor... 18" culv. labor... Overhaul	84,639 cu. yd. 1,120 lin. ft. 380 lin. ft. 91,000 sta. yd.	\$ 0.227 .35 .40 .02	\$ 21,637.65	Approved	5-11-25
Greene		324-B	Jefferson Cement Prod. Co.	6" tile drain... 8" tile drain... 10" tile drain... 12" tile drain... Intakes	74,619 lin. ft. 16,412 lin. ft. 1,300 lin. ft. 2,924 lin. ft. 50	\$ 0.107 .15 .215 .25 10.00	\$ 12,111.79	Approved	7-21-25
Greene		324	N. E. Hendricks	Gravel, 1 mi. haul... Add. 1/2 mi. haul	5,210 cu. yd. 45,210 units	\$ 0.25 .66	\$ 4,062.29	Approved	10- 3-25
Greene		B-314	S. F. Little	Channel excav	Force account			Approved	10-12-25
Greene		138-A	W. L. Joy & Son	Gravel, 1 mi. haul... Add. 1/2 mi. haul	2,060 cu. yd. 7,000 units	\$ 0.40 .10	\$ 1,324.00	Approved	11- 9-25
Grundy		417	Wilder and Wilder	Gravel, 1 mi. haul... Add. 1/2 m. haul... Gravel, 1 mi. haul... Add. 1/2 mi. haul... Stripping pit	5,340 cu. yd. 13,800 units 2,288 cu. yd. 6,300 units 4,900 cu. yd.	\$ 0.30 .077 .40 .08 .20	\$ 5,043.80	Approved	6- 6-25
Grundy		417	Ideal Sand & Gravel	Gravel FOB Dike	2,288 cu. yd.	\$ 3.00	\$ 6,864.00	Approved	6-22-25
Grundy		417	G. E. Sargent & Co.	Gravel, 1 mi. haul... Add. 1/2 mi. haul... Stripping pit... Gravel, 1 mi. haul... Add. 1/2 mi. haul... Stripping pit	4,422 cu. yd. 24,200 units 1,500 cu. yd. 13,795 cu. yd. 91,700 units 5,000 cu. yd.	\$ 0.47 .08 .22 .40 .08 .22	\$ 18,286.74	Approved	6-22-25
Grundy		417	Franz Tostlebe	Gravel in pit	5,000 cu. yd.	\$ 0.25	\$ 1,250.00	Approved	8- 3-25
Grundy		417	John Walbaum	Gravel in pit	4,422 cu. yd.	\$ 0.25	\$ 1,105.50	Approved	8- 3-25

SCHEDULE NO. 11—Continued

County	Project Number		Contractor	Item	Estimated Quantities	Unit Price	Total Amount Contract	Action by Commission	Date
	Federal	Primary							
Grundy		417	R. A. Ludeman	Gravel in pit	13,766 cu. yd.	\$ 0.25	\$ 3,441.50	Approved	8-3-23
Hamilton		217	A. R. Bringolf	Rental on equip.	4.50 days	\$100.00	\$ 450.00	Approved	6-16-23
Hamilton		217	W. H. McDaniels	Gravel, 1 mi. haul Add. 1/2 mi. haul Stripping pit	6,565 cu. yd. 124,700 units 1,000 cu. yd.	\$ 0.40 .07 .22	\$ 11,575.00	Approved	6-22-23
Hamilton		217	Marinus Sorenson	6" tile complete 18" intakes	3,000 lin. ft. 5	\$ 0.127 17.50	\$ 433.50	Approved	4-25-23
Hamilton		218	Kaiser Gravel Co.	Gravel, 1 mi. haul Add. 1/2 mi. haul Stripping pit	6,404 cu. yd. 56,000 units 1,000 cu. yd.	\$ 0.29 .07 .20	\$ 6,617.56	Approved	6-22-23
Hancock	105		Bruce Orr	Cable guard rail Anchors	1,900 lin. ft. 6	\$ 0.295 7.00	\$ 602.50	Approved	5-11-23
Hardin		88	W. F. Jacob	Gravel material	1,576.84 cu. yd.	\$ 0.15	\$ 236.53	Approved	1-23-23
Hardin		88	la. Limestone Co.	Stone	895.37 tons	\$ 0.70	\$ 626.76	Approved	1-6-23
Hardin		88	L. C. Wood & Co.	Crushed stone on road	648 cu. yd.	\$ 0.18	\$ 116.64	Approved	1-6-23
Hardin		88	C. E. Warman	Same as above	438 cu. yd.	\$ 1.50	\$ 657.00	Approved	9-21-23
Hardin		88	Colt and Blase	12" tile labor	800 lin. ft.	\$ 0.121			
				6" tile labor	800 lin. ft.	.06	\$ 144.80	Approved	8-7-23
Hardin		88	Geo. Cronkrite	Cable guard rail End anchors	1,640 lin. ft. 8	\$ 0.30 7.25	\$ 550.00	Approved	8-13-23
Hardin		331	Geo. Cronkrite	Cable guard rail End anchors	1,470 lin. ft. 8	\$ 0.30 7.25	\$ 499.00	Approved	8-13-23
Harrison	223-A		Geo. W. Condon	Excavation 15" culv. labor 18" culv. labor 24" culv. labor	265,835 cu. yd. 896 lin. ft. 234 lin. ft. 96 lin. ft.	\$ 0.137 .30 .40 .50	\$ 36,823.54	Approved	5-22-23

Harrison		423	Bemis & Schlick	Excavation 15" culv. labor Type A conc. pave.	1,513 cu. yd. 132 lin. ft. 5,643 sq. yd.	\$ 0.60 1.90 2.50	\$ 15,678.12	Approved	9-29-23
Henry	181-C		W. W. Cummings	Excavation Excavation 15" culv. labor Overhaul 6" tile drain 8" tile drain 10" tile drain 12" tile drain Intakes	14,707 cu. yd. 200 cu. yd. 30 lin. ft. 14,300 sta. yd. 2,813 lin. ft. 570 lin. ft. 1,000 lin. ft. 445 lin. ft. 5	\$ 0.28 .40 .40 .42 .15 .29 .30 .35 15.00	\$ 5,640.66	Approved	8-31-23
Henry		408	W. W. Cummings	Excavation Excavation Overhaul 15" culv. labor 24" culv. labor	6,573 cu. yd. 1,384 cu. yd. 18,000 sta. yd. 40 lin. ft. 210 lin. ft.	\$ 0.27 .39 .02 .35 .50	\$ 2,663.91	Approved	9-23-23
Henry	219-A		W. W. Cummings	Excavation Approach excav. Channel change 15" culv. labor 24" culv. labor Overhaul	109,833 cu. yd. 800 cu. yd. 4,480 cu. yd. 112 lin. ft. 182 lin. ft. 111,963 sta. yd.	\$ 0.22 .35 .35 .49 .50 .02	\$ 24,390.72	Approved	11-27-23
Henry	219		Stevens & Lefterdink	Excavation Approach and chan- nel excav. Approach excav. Overhaul 15" culv. labor 24" culv. labor	82,637 cu. yd. 1,765 cu. yd. 2,170 cu. yd. 60,500 sta. yd. 304 lin. ft. 176 lin. ft.	\$ 0.26 .25 .40 .02 .40 .50	\$ 21,300.97	Approved	11-27-23
Howard		106	Harold Rasmussen	10" tile labor 8" tile labor 6" tile labor	425 lin. ft. 1,375 lin. ft. 1,810 lin. ft.	\$ 0.13 .085 .06	\$ 299.73	Approved	5-14-23
Howard		190	Oscar Ehling & Co.	Graveling Add. 1/2 mi. haul Stripping pit	3,789 cu. yd. 31,900 units 1,500 cu. yd.	\$ 0.40 .08 .20	\$ 4,359.60	Approved	9-9-23
Howard	190-B		Sargent-Newman Co.	Template excav. Approach excav. Loose rock Solid rock 15" culv. labor	33,894 cu. yd. 30 cu. yd. 1,110 cu. yd. 1.80 160 lin. ft.	\$ 0.25 .25 .75 1.80 .25			

SCHEDULE NO. 11—Continued

County	Project Number		Contractor	Item	Estimated Quantities	Unit Price	Total Amount Contract	Action by Commission	Date
	Federal	Primary							
Ida		218	Geo. W. Condon	18" culv. labor..... Overhaul.....	110 lin. ft. 64,000 sta. yd.	.25 .02	\$ 15,488.50	Approved	4-23-25
Ida		218-A	A. L. Cook	Excavation..... Excavation..... 15" culv. labor..... 18" culv. labor..... 24" culv. labor.....	15,989 cu. yd. 1,000 cu. yd. 240 lin. ft. 128 lin. ft. 22 lin. ft.	\$ 0.29 .50 .40 .50	\$ 6,110.01	Approved	9- 8-25
Ida		248	M. O. Weaver	Excavation..... Approach excav..... Channel excav..... 18" culv. labor..... 24" culv. labor..... Overhaul.....	111,247 cu. yd. 330 cu. yd. 400 cu. yd. 384 lin. ft. 308 lin. ft. 44,884 sta. yd.	\$ 0.219 .40 .50 .75 .02	\$ 25,927.77	Approved	12-29-24
Iowa		90	L. H. Holscher	Gravel, 1 mi. haul..... Add. 1/2 mi. haul..... Stripping pit.....	13,243 cu. yd. 145,000 units 6,000 cu. yd.	\$ 0.32 .07 .25	\$ 15,630.40	Approved	10-26-25
Iowa		90	H. J. Murphy	Earth excav..... Approach excav..... Loose rock..... Solid rock..... Overhaul..... Culv. labor.....	7,284 cu. yd. 110 cu. yd. 26,500 sta. yd. 265 lin. ft.	\$ 0.50 .50 .50 .50 .02	\$ 4,327.00	Approved	9-21-25
Iowa		90-D	Geo. Cronkhite	Guard rail..... Anchors.....	3,650 lin. ft. 10	\$ 0.2675 6.00	\$ 1,036.38	Approved	8-30-25
Iowa		90-D	Swanson Const. Co.	6" drain tile..... 8" drain tile..... Intake.....	1,225 lin. ft. 945 lin. ft. 1	\$ 0.14 .18 25.00	\$ 398.00	Approved	3-30-25
Iowa		90	Hahn-Muscatine Co.	Excavation..... Overhaul.....	35,285 cu. yd. 34,200 sta. yd.	\$ 0.2975 .02	\$ 11,181.29	Approved	3-23-25
Iowa		90	Hahn-Muscatine Co.	Gravel FOB Victor..... Gravel FOB Ladora.....	3,699 cu. yd. 7,490 cu. yd.	\$ 0.2925 2.01			

Iowa		90	A. R. Eno	Gravel FOB Marengo..... Gravel FOB S. Ansona..... Gravel FOB Homestead.....	6,066 cu. yd. 5,789 cu. yd. 4,881 cu. yd.	1.965 1.995 2.025	\$ 57,077.16	Approved	9-25-25
Iowa		194	R. T. Osman	Gravel, 1 mi. haul..... Add. 1/2 mi. haul.....	28,825 cu. yd. 62,227 units	\$ 0.33 .08	\$ 14,871.41	Approved	9-23-25
Iowa		194	H. J. Murphy	Excavation..... Excavation..... Excavation..... Overhaul.....	8,812 cu. yd. 59,962 cu. yd. 5,000 cu. yd. 157,050 sta. yd.	\$ 0.375 .375 .375 .02	\$ 30,802.50	Approved	5-16-25
Jackson		143	C. E. Manning	Guard rail..... Anchors..... Guard rail..... Anchors..... Baffles.....	1,500 lin. ft. 8 3,026 lin. ft. 16 57	0.31 6.00 .31 6.00 8.00	\$ 2,012.36	Approved	2-16-25
Jefferson		3	C. H. Kearns	Channel change.....	800 cu. yd.	\$ 0.40	\$ 320.00	Approved	10-10-25
Jefferson		3	Edgington & Harness	Cable guard rail..... Anchors.....	1,140 lin. ft. 14	\$ 0.29 7.00	\$ 515.60	Approved	10-16-25
Johnson		311	R. T. Osman	Excavation..... Overhaul.....	9,274 cu. yd. 800 sta. yd.	\$ 0.28 .02	\$ 2,612.72	Approved	10-16-25
Johnson		311	Geo. Cronkhite	Excavation..... Loose rock..... Solid rock..... Approach excav..... Channel change..... Overhaul..... 15" culv. labor..... 18" culv. labor.....	88,179 cu. yd. 1,500 3,000 575 cu. yd. 32,000 cu. yd. 117,000 sta. yd. 190 lin. ft. 144 lin. ft.	\$ 0.234 1.50 3.00 .50 .21 .02 .50 .50	\$ 30,151.39	Approved	4-23-25
Jones		86	Wheeler Lumber Co.	Guard rail..... Anchors.....	1,500 lin. ft. 4	\$ 0.29 5.75	\$ 500.00	Approved	11-17-25
Jones		163-C	Wheeler Lumber Co.	Guard rail..... Anchors.....	1,000 lin. ft. 4	\$ 0.25 5.75	\$ 273.00	Approved	9- 7-25
Jones		163-C	Jim Christensen	Guard rail..... Anchors.....	8,955 lin. ft. 50	\$ 0.25 5.75	\$ 2,526.25	Approved	9- 7-25
Jones		163-C	Jim Christensen	6" tie complete..... 12" tie complete..... Type A Intake.....	14,900 lin. ft. 209 lin. ft. 4	\$ 0.14 .40 25.00	\$ 2,269.60	Approved	3-30-25

SCHEDULE NO. 11—Continued

County	Project Number		Contractor	Item	Estimated Quantities	Unit Price	Total Amount Contract	Action by Commission	Date
	Federal	Primary							
Jones	163-C		Shirley Const. Co.	Template excav.	72,420 cu. yd.	\$ 0.279			
				Approach excav.	350 cu. yd.	.279			
				Loose rock		1.25			
				Solid rock		2.50			
				Overhaul	102,400 sta. yd.	.02			
				15" culv. labor	200 lin. ft.	.35			
				18" culv. labor	112 lin. ft.	.35			
				24" culv. labor	40 lin. ft.	.35	\$ 22,474.03	Approved	3-30-25
Keokuk	34		E. E. Hutton	Earth excav.	5,029 cu. yd.	\$ 0.265	\$ 1,332.60	Approved	10-10-25
Keokuk		246	Harry Nielsen	6" tile drain	38,060 lin. ft.	\$ 0.103			
				8" tile drain	17,420 lin. ft.	.138			
				10" tile drain	10,348 lin. ft.	.214			
				12" tile drain	309 lin. ft.	.28			
				18" tile drain	1,040 lin. ft.	.588			
				Type A intakes	33	12.00	\$ 9,654.11	Approved	7-13-25
Keokuk		246-BD	McAndrew & Hannahs	Excavation	69,000 cu. yd.	\$ 0.275			
				Excavation	810 cu. yd.	.275			
				Excavation	2,800 cu. yd.	.275			
				Overhaul	8,552 sta. yd.	.02			
				15" culv. labor	288 lin. ft.	.35			
				15" culv. labor	304 lin. ft.	.35	\$ 28,565.99	Approved	8-31-25
Lee		393	Geo. Cronkrite	Intakes	2	\$ 25.00			
				12" tile drain	150 lin. ft.	.50			
				Cable guard rail	4,640 lin. ft.	.35			
				End anchors	14	8.00	\$ 1,768.20	Approved	5-14-25
Lee		393	McAndrews & Hannahs	Excavation	10,684 cu. yd.	\$ 0.2275			
				Excavation	50,400 cu. yd.	.2275			
				Overhaul	43,600 sta. yd.	.02	\$ 14,618.74	Approved	5-22-25
Linn		96	Wm. Herrabin Co.	Excavation	27,672 cu. yd.	\$ 0.65			
				18" pipe labor	200 lin. ft.	.50			
				Conc. pavement	76,394.5 sq. yd.	2.54			
				Single intakes	10	85.00			
				Double intakes	16	125.00			
				Overhaul	19,025 sta. yd.	.02			
				Excavation	24,624 cu. yd.	.68			
				Solid rock excav.	450 cu. yd.	3.00			
				18" pipe labor	184 lin. ft.	.50			
				Conc. pavement	58,028.5 sq. yd.	2.48			
				12" tile drain	60 lin. ft.	.90			
				Tile intake	1	75.00	\$ 379,073.33	Approved	2-24-25
Linn		224	Pete Jensen	6" tile drain	4,076 lin. ft.	\$ 0.128			
				8" tile drain	1,000 lin. ft.	.175			
				12" tile drain	60 lin. ft.	.32			
				Intakes	3	15.00	\$ 801.13	Approved	7-30-25
Linn		224	Tim Ryan & Sons	Excavation	92,800 cu. yd.	\$ 0.245			
				Excavation	1,070 cu. yd.	.28			
				Excavation	11,880 cu. yd.	.25			
				Loose rock	664 cu. yd.	1.25			
				Solid rock	3,000 cu. yd.	1.25			
				Overhaul	78,100 sta. yd.	.02			
				15" culv. labor	784 lin. ft.	.35			
				18" culv. labor	640 lin. ft.	.45			
				24" culv. labor	192 lin. ft.	.55	\$ 32,740.60	Approved	7-20-25
Linn		225	Alex. Eskwald	6" tile drain	22,372 lin. ft.	\$ 0.105			
				8" tile drain	3,907 lin. ft.	.14			
				Intakes	3	15.00	\$ 2,962.04	Approved	5-8-25
Linn		225	Ben C. Johnson	Excavation	137,748 cu. yd.	\$ 0.255			
				Excavation	680 cu. yd.	.30			
				Overhaul	357,850 sta. yd.	.02			
				15" culv. labor	328 lin. ft.	.29			
				18" culv. labor	448 lin. ft.	.25			
				24" culv. labor	144 lin. ft.	.35	\$ 42,674.74	Approved	5-14-25
Linn		230	J. Herbert & Sons	Excavation	105,348 cu. yd.	\$ 0.225			
				Excavation	5,470 cu. yd.	.24			
				Overhaul	75,944 sta. yd.	.02			
				15" culv. labor	822 lin. ft.	.35			
				24" culv. labor	100 lin. ft.	.40	\$ 26,410.19	Approved	7-21-25
Lucas		223	J. C. Parquette	Earth excav.	229,146 cu. yd.	\$ 0.235			
				Approach excav.	200 cu. yd.	.75			
				Channel excav.	1,800 cu. yd.	.30			
				Loose rock	1,000 cu. yd.	.50			
				Solid rock		3.00			
				15" pipe labor	122 lin. ft.	.59			
				18" pipe labor	230 lin. ft.	.80			
				24" pipe labor	64 lin. ft.	.70			
				Overhaul	329,000 sta. yd.	.02			
				Hedge fence	100 rods	4.00	\$ 62,038.11	Approved	7-28-25

IOWA STATE HIGHWAY COMMISSION

DEPARTMENT OF ROAD ADMINISTRATION

SCHEDULE NO. 11—Continued

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County	Project Number		Contractor	Item	Estimated Quantities	Unit Price	Total Amount Contract	Action by Commission	Date
	Federal	Primary							
Lyon		146	Geo. Cronkhite	Cable guard rail..... Anchors	4,400 lin. ft. 14	\$ 0.289 6.45	\$ 1,301.90	Approved	7-7-25
Lyon		229	W. D. Harms	Excavation	5,322 cu. yd.	\$ 0.28	\$ 1,661.96	Approved	8-24-25
Lyon		229	A. F. Schermer	Overhaul	10,000 sta. yd.	.02			
Marion		231	L. H. Holscher	Gravel on road.....	500 cu. yd.	\$ 1.39	\$ 695.00	Approved	11-17-25
Marion		231	L. H. Holscher	Cable guard rail..... End anchors	9,492 lin. ft. 90	\$ 0.27 5.75	\$ 3,080.34	Approved	6-27-25
Marion		231	J. H. Miller & Son	Excavation	105,559 cu. yd.	\$ 0.24			
				Excavation	685 cu. yd.	.24			
				Excavation	550 cu. yd.	.24			
				Loose rock	1,000 cu. yd.	.70			
				Solid Rock	100 cu. yd.	1.75			
				Overhaul	47,000 sta. yd.	.02			
				15" culv. labor	424 lin. ft.	.30			
				18" culv. labor	144 lin. ft.	.30			
				24" culv. labor	40 lin. ft.	.30			
				30" culv. labor	84 lin. ft.	.30	\$ 27,654.16	Approved	7-2-25
Marion		320	L. H. Holscher	Cable guard rail..... End anchors	1,785 lin. ft. 22	\$ 0.27 5.75	\$ 608.45	Approved	6-27-25
Marshall		211	Anderson & Empe	Excavation	25,491 cu. yd.	\$ 0.65			
				15" culv. labor	480 lin. ft.	.35			
				18" culv. labor	280 lin. ft.	.35			
				Conc. pavement	91,419.8 sq. yd.	1.80			
				Special intakes	12	85.00			
				Special intakes	16	100.00			
				Overhaul	12,424 sta. yd.	.02	\$ 184,250.27	Approved	12-3-24
Marshall		211-AC	Anderson & Empe	Excavation	19,088 cu. yd.	\$ 0.65			
				Excavation	150 cu. yd.	.65			
				15" culv. pipe	320 lin. ft.	.35			
				18" culv. pipe	220 lin. ft.	.35			
				24" culv. pipe	50 lin. ft.	.40			
				Conc. pavement	73,888.3 sq. yd.	1.94			
Marshall		211	Anderson & Empe	Special intakes	6	100.00			
				Overhaul	12,500 sta. yd.	.02	\$ 100,963.15	Approved	12-3-24
Marshall		211	Anderson & Empe	Excavation	29,011 cu. yd.	\$ 0.65			
				15" culv. labor	460 lin. ft.	.35			
				18" culv. labor	230 lin. ft.	.35			
				24" culv. labor	40 lin. ft.	.40			
				Conc. pavement	70,124.8 sq. yd.	1.97			
				Special intakes	15	85.00			
				Special intakes	16	100.00			
				Overhaul	14,500 sta. yd.	.02	\$ 169,419.07	Approved	12-3-21
Marshall		211	N. W. Gravel Co.	Class 2 Aggregate.....	2,500 tons	\$ 1.25	\$ 3,125.00	Approved	3-30-25
Marshall		211	N. W. Gravel Co.	Class 2 Aggregate.....	8,100 tons	\$ 1.25	\$ 10,125.00	Approved	
Marshall		240	N. W. Gravel Co.	Gravel—Marshalltown	4,800 cu. yd.	\$ 1.52			
				Gravel—Haverhill	3,300 cu. yd.	1.95			
				Gravel—Laurel	6,000 cu. yd.	1.85	\$ 24,686.00	Approved	12-4-24
Marshall		240	Pewick Const. Co.	Gravel, 1 mi. haul..... Add. ½ mi. haul.....	14,000 cu. yd. 70,000 units	\$ 0.38 .08	\$ 10,920.00	Approved	12-4-24
Marshall		356	Moore & Eldridge	Graveling work	2,280 cu. yd.	\$ 0.38			
				Add. ½ mi. haul.....	32,276 units	.065			
				Graveling work	4,059 cu. yd.	.36			
				Add. ½ mi. haul.....	29,179 units	.065	\$ 6,388.71	Approved	7-24-25
Marshall		356	Rena Hawkins	Gravel material	3,000 cu. yd.	\$ 0.65	\$ 1,950.00	Approved	10-26-25
Marshall		409	J. Herbert & Sons	Excavation	36,492 cu. yd.	\$ 0.240			
				Excavation	215 cu. yd.	.249			
				Excavation	35 cu. yd.	.249			
				Clear and grub		350.00			
				Overhaul	13,210 sta. yd.	.02	\$ 9,763.20	Approved	6-3-25
Marshall		409	Moore & Eldridge	Gravel—Laurel	4,445 cu. yd.	\$ 1.88			
				Add. ½ mi. haul.....	14,000 sta. yd.	.02			
				Gravel, 1 mi. haul.....	4,445 cu. yd.	.38	\$ 11,165.70	Approved	6-2-25
Marshall		356	Henry Letse	Gravel material	3,250 cu. yd.	\$ 0.20	\$ 650.00	Approved	10-30-25
Mitchell		138	Chas. L. Yost	Gravel, 1 mi. haul..... Add. ½ mi. haul..... Stripping pit	8,928 cu. yd. 23,700 units 2,000 cu. yd.	\$ 0.30 .073 .20	\$ 4,936.40	Approved	6-8-25
Monona		38-AGH	C. W. McNamara	Excavation	119,208 cu. yd.	\$ 0.195			
				Channel change	17,485 cu. yd.	.30			
				Overhaul	69,900 sta. yd.	.02			

IOWA STATE HIGHWAY COMMISSION

DEPARTMENT OF ROAD ADMINISTRATION

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SCHEDULE NO. 11—Continued

County	Project Number		Contractor	Item	Estimated Quantities	Unit Price	Total Amount Contract	Action by Commission	Date
	Federal	Primary							
Monona		38-EF	E. F. Quackenbush	15' culv. labor	210 lin. ft.	.15	\$ 29,920.50	Approved	8-31-25
				Excavation	54,394 cu. yd.	\$ 0.239			
				Overhaul	2,328 sta. yd.	.02			
				Overhaul	8,172 sta. yd.	.02			
				15' culv. labor	330 lin. ft.	.40	\$ 13,290.16	Approved	4- 6-25
Monona	134		Lars Jorgenson	Guard rail	7,592 lin. ft.	\$ 0.19			
				Guard rail	448 lin. ft.	.29			
				Guard rail	398 lin. ft.	.39	\$ 1,715.92	Approved	11-29-24
Monona		38	Ed. Quackenbush	Excavation	729 cu. yd.	\$ 0.41			
				Concrete	5.1 cu. yd.	26.06	\$ 434.96	Approved	9-11-25
Muscatine		265	Herman Loedtko	Channel excav.	1,375 cu. yd.	\$ 0.35			
				Channel excav.	11,700 cu. yd.	.225			
				Clear and grub.		250.00			
				6" drain	5,200 lin. ft.	.12			
				8" drain	2,055 lin. ft.	.185			
				12" drain	200 lin. ft.	.35			
				Intakes	10	19.00	\$ 5,897.03	Approved	12-19-24
Muscatine		265	Tim Ryan & Sons	Excavation	27,000 cu. yd.	\$ 0.20			
				Loose rock	300 cu. yd.	.90			
				Solid rock	880 cu. yd.	1.90			
				18" culv. labor	66 lin. ft.	.60			
				Overhaul	15,550 sta. yd.	.02	\$ 19,392.00	Approved	2-23-25
Muscatine		265	Jenner Bros.	Excavation	115,418 cu. yd.	\$ 0.240			
				Excavation	790 cu. yd.	.35			
				12" culv. labor	1,000 lin. ft.	.30			
				18" culv. labor	75 lin. ft.	.30			
				12" culv. labor	259 lin. ft.	.30			
				24" culv. labor	35 lin. ft.	.30			
				Overhaul	81,300 sta. yd.	.02	\$ 31,049.53	Approved	2-23-25
Muscatine		265	O. E. Paetz	Baffles	101	\$ 4.10	\$ 414.10	Approved	10-23-25
Muscatine		300	W. H. McDaniel	Gravel, 1 mi. haul	6,710 cu. yd.	\$ 0.22			

				Acc. ½ mi. haul	44,640 units	.08			
				Less 20% of bid.			\$ 4,946.45	Approved	10-28-25
O'Brien		6	C. W. McNamara	Excavation	41,772 cu. yd.	\$ 0.233	\$ 9,732.88	Approved	4-17-25
O'Brien		60	Nels H. Nelson	6" drain	4,080 lin. ft.	\$ 0.104			
				8" drain	1,800 lin. ft.	.141			
				Type A intakes	8	15.00			
				Type B intakes	1	10.00	\$ 808.12	Approved	4-21-25
O'Brien		413	Scothorn, Hartsell & Bing	Gravel, 1 mi. haul	23,684 cu. yd.	\$ 0.36			
				Add. ½ mi. haul	86,000 units	.079			
				Stripping pit	10,500 cu. yd.	.21	\$ 17,525.24	Approved	5-18-25
O'Brien		432	Llman Const. Co.	Graveling work	10,000 cu. yd.	\$ 0.38			
				Graveling work	3,784 cu. yd.	.43			
				Add. ½ mi. haul	139,100 units	.060			
				Stripping	6,500 cu. yd.	.29			
				Graveling work	7,958 cu. yd.	.38			
				Add. ½ mi. haul	9,200 units	.075			
				Stripping	5,000 cu. yd.	.30			
				Graveling	5,074 cu. yd.	.38			
				Add. ½ mi. haul	12,580 units	.08			
				Stripping	1,500 cu. yd.	.20	\$ 24,265.98	Approved	8-13-25
Page		7	Geo. W. Condon	Excavation	14,604 cu. yd.	\$ 0.21			
				Channel excav.	1,400 cu. yd.	.21			
				Loose rock excav.		.75			
				Solid rock excav.		1.50			
				Culv. pipe labor	40 ft.	.90	\$ 3,385.44	Approved	9-14-25
Palo Alto	100		C. J. Kramme	Excavation	800 cu. yd.	\$ 0.80			
				Excavation	140 cu. yd.	.70			
				Pavement	1,533 sq. yd.	2.58	\$ 4,177.14	Approved	12- 3-24
Palo Alto	100		Geo. Cronkrite	Wood guard rail	3,600 lin. ft.	\$ 0.356	\$ 1,422.00	Approved	5-27-25
Palo Alto		219-A	Ullensvang Bros.	Gravel, 1 mi. haul	2,250 cu. yd.	\$ 0.39			
				Add. ½ mi. haul	14,250 units	.075	\$ 1,743.75	Approved	11-29-24
Palo Alto		410	Brereton & Bauck	Gravel, 1 mi. haul	29,592 cu. yd.	\$ 0.28			
				Add. ½ mi. haul	87,200 units	.07			
				Stripping pit	5,000 cu. yd.	.18	\$ 12,845.36	Approved	5-11-25
Palo Alto		410	Brereton & Bauck	Taking gravel out of water	5,000 cu. yd.	\$ 0.10	\$ 500.00	Approved	7-11-25
Palo Alto		410	Brereton & Bauck	Crush oversize	21,662 cu. yd.	\$ 0.10	\$ 2,166.20	Approved	7-11-25

SCHEDULE NO. 11—Continued

County	Project Number		Contractor	Item	Estimated Quantities	Unit Price	Total Amount Contract	Action by Commission	Date
	Federal	Primary							
Palo Alto		410	Breton & Bauck	Gravel, 1 mi. haul	875 cu. yd.	\$ 0.28			
				Add. 1/2 mi. haul	8,700 units	.97	\$ 854.00	Approved	6-29-25
Polk		59	Wheeler Lbr. Co.	Cable guard rail	1,765 lin. ft.	\$ 0.257			
				Braced end anchors	12	1.00	\$ 465.61	Approved	8-4-25
Polk		187	Wheeler Lbr. Co.	Cable guard rail	9,965 lin. ft.	\$ 0.257			
				Braced post anchors	12	1.00	\$ 2,601.00	Approved	8-4-25
Polk		199-B	Wright Const. Co.	Excavation	8,136 cu. yd.	\$ 0.89			
				Conc. pavement	1,555.6 sq. yd.	3.25			
				Intakes	2	140.00	\$ 12,576.74	Rejected	
Polk		199-B	Wright Const. Co.	Excavation	7,500 cu. yd.	\$ 0.63			
				Conc. pavement	1,555.6 sq. yd.	3.25			
				Intakes	2	140.00	\$ 10,060.70	Approved	5-6-25
Polk		206	Chris Lansten	8" tile drain	3,172 lin. ft.	\$ 0.21			
				10" tile drain	511 lin. ft.	.32			
				6" tile drain	1,700 lin. ft.	.15			
				Intakes	8	20.00	\$ 1,244.64	Approved	11-28-24
Polk		215	W. W. Codner	8" tile drain	2,750 lin. ft.	\$ 0.179			
				6" tile drain	40 lin. ft.	.15			
				Intakes	6	18.00	\$ 606.25	Approved	1-3-25
Polk		215-AB	O'Rourke Engr. Co.	Excavation	41,820 cu. yd.	\$ 0.75			
				Excavation	40 cu. yd.	.90			
				Conc. pavement	84,567.9 sq. yd.	2.63			
				Single pave int.	22	90.00			
				Double pave int.	12	120.00			
				Excavation	532 cu. yd.	.75			
				Pavement, conc.	1,298.9 sq. yd.	2.65	\$ 261,905.16	Approved	1-2-25
Polk		216-A	Wright Const. Co.	Excavation	6,077 cu. yd.	\$ 0.79			
				Conc. pavement	11,800 sq. yd.	2.73			
				Single pave int.	4	110.00	\$ 37,454.83	Approved	1-2-25
Polk		216-B	Wright Const. Co.	Excavation	48,618 cu. yd.	\$ 0.79			

				Excavation	1,310 cu. yd.	.79			
				Conc. pavement	26,919 sq. yd.	2.73			
				Single pave int.	42	100.00			
				Double pave int.	22	125.00	\$ 316,441.99	Approved	1-2-25
Polk		372	B. C. Briley	Gravel, 1 mi. haul	1,000 cu. yd.	\$ 0.27			
				Add. 1/2 mi. haul	21,000 units	.075	\$ 1,850.40	Approved	12-17-24
Polk		413	Joe Johnson	8" drain complete	660 lin. ft.	\$ 0.174			
				10" drain complete	1,150 lin. ft.	.268			
				Tile intakes	2	15.00	\$ 324.68	Approved	8-11-25
Polk		418	O'Rourke Engr. Co.	Earth excav.	25,918 cu. yd.	\$ 0.60			
				Approach excav.	50 cu. yd.	.85			
				Loose rock		2.00			
				Solid rock		3.00			
				24" culv. labor	90 lin. ft.	.50			
				Overhaul	30,650 sta. yd.	.02			
				Conc. pavement	22,267 sq. yd.	2.40			
				Single pave int.	16	80.00			
				Double pave int.	8	110.00	\$ 95,900.10	Approved	8-11-25
Pottawattamie		51-C	Geo. W. Condon	Earth excav.	38,738 cu. yd.	\$ 0.25			
				Channel excav.	450 cu. yd.	.25			
				Loose rock		.75			
				Solid rock		1.50			
				Overhaul	30,900 sta. yd.	.40			
				24" culv. labor	100 lin. ft.	.40	\$ 9,845.25	Approved	9-21-25
Pottawattamie		22	J. R. Babbitt	Earth excav.	9,200 cu. yd.	\$ 0.21	\$ 1,932.00	Approved	6-29-25
Pottawattamie		409	John J. Wickham	Earth excav.	6,612 cu. yd.	\$ 0.50			
				Special ditch	270 cu. yd.	.75			
				Loose rock		1.50			
				Solid rock		2.50			
				Overhaul	22,700 sta. yd.	.02			
				24" culv. labor and material	56 lin. ft.	3.00			
				30" culv. labor and material	60 lin. ft.	3.75			
				Single pave int.	8	20.00			
				Double pave int.	1	40.00			
				Conc. pavement	8,046 sq. yd.	2.44	\$ 24,187.74	Approved	
Poweshiek		419	Tama Sand & Gr. Co.	Gravel on road	8,543 cu. yd.	\$ 2.30	\$ 28,191.90	Approved	5-14-25
Poweshiek		418	Heldt & Boyles	Gravel, 1 mi. haul	5,362 cu. yd.	\$ 0.33			
				Gravel, 1/2 mi. haul	31,900 units	.074	\$ 4,130.05	Approved	6-9-25

SCHEDULE NO. 11—Continued

County	Project Number		Contractor	Item	Estimated Quantities	Unit Price	Total Amount Contract	Action by Commission	Date
	Federal	Primary							
Poweshiek		416	N. W. Gravel Co.	Gravel—Montezuma	5,382 cu. yd.	\$ 1.92	\$ 10,295.04	Approved	5-22-25
Scott		50	H. J. Murphy	Cable guard rail	1,900 lin. ft.	\$ 0.31			
				Anchors	4	7.00	\$ 400.00	Approved	5-22-25
Scott		55	H. J. Murphy	Cable guard rail	1,000 lin. ft.	\$ 0.31			
				Anchors	4	7.00	\$ 365.00	Approved	5-22-25
Scott		185	H. J. Murphy	Cable guard rail	1,960 lin. ft.	\$ 0.31			
				End anchors	8	7.00	\$ 663.00	Approved	5-22-25
Scott		217	Central Engr. Co.	Excavation	11,144 cu. yd.	\$ 0.70			
				Conc. pavement	68,982.2 sq. yd.	2.67	\$ 177,832.27	Approved	1- 6-25
Scott		217	Central Engr. Co.	Excavation	3,214 cu. yd.	\$ 0.70			
				Conc. pavement	13,735.9 sq. yd.	2.77			
				Single spec. int.	8	75.00			
				Double spec. int.	2	125.00	\$ 41,109.24	Approved	1- 6-25
Scott		221	Central Engr. Co.	Excavation	7,030 cu. yd.	\$ 0.70			
				Conc. pavement	43,760 sq. yd.	2.44			
				Excavation	2,460 cu. yd.	.70			
				Conc. pavement	16,336 sq. yd.	2.44			
				Excavation	6,474 cu. yd.	.70			
				Conc. pavement	43,357 sq. yd.	2.44			
				Intake	1	75.00			
				Less 5c per sq. yd. on	105,463 sq. yd.		\$ 230,160.57	Approved	1- 6-25
Shelby		42	Geo. Cronkrite	Type A guard rail	5,368 lin. ft.	\$ 0.165			
				Type A guard rail	176 lin. ft.	.35			
				Type C guard rail	80 lin. ft.	.45	\$ 983.32	Approved	6-16-25
Sioux		83	Wheeler Lbr. Co.	Cable guard rail	6,765 lin. ft.	\$ 0.254			
				Anchors	68	5.75	\$ 2,109.31	Approved	9-21-25
Sioux		301-A	Leo Marx	Stripping pit	4,500 cu. yd.	\$ 0.17	\$ 765.00	Approved	7-18-25
Sioux		301-A	W. R. Bng.	Graveling work	6,248 cu. yd.	\$ 0.36			
				Add. 1/2 mi. haul	12,480 units	.08	\$ 3,247.68	Approved	8- 3-25
Sioux		391-F	Vander Schaaf & Vander Stouwe	Gravel, 1 mi. haul	4,368 cu. yd.	\$ 0.35			
				Add. 1/2 mi. haul	15,238 units	.09	\$ 2,983.93	Approved	12- 9-24
Tama		300	Swanson Const. Co.	Earth excav.	59,288 cu. yd.	\$ 0.214			
				Approach excav.	400 cu. yd.	.214			
				Loose rock		1.25			
				Solid rock		3.99			
				Overhaul	61,350 sta. yd.	.02			
				15" culv. labor	280 lin. ft.	.30			
				18" culv. labor	84 lin. ft.	.40			
				24" culv. labor	32 lin. ft.	.50	\$ 14,213.90	Approved	8-18-25
Tama		428	C. M. Wilson	Graveling work	7,405 cu. yd.	\$ 0.37			
				Add. 1/2 mi. haul	48,600 units	.075	\$ 6,339.11	Approved	8-30-25
Tama		428	N. W. Gravel Co.	Gravel—Gladbrook	7,405 cu. yd.	\$ 1.5673	\$ 11,604.20	Approved	8-18-25
Union		376	Wheeler Lbr. Co.	Cable guard rail	12,480 lin. ft.	\$ 0.2473			
				Anchors—Dead Man	42	5.90			
				Anchors—Braed	12	2.00	\$ 3,360.60	Approved	8- 8-25
Union		376	Naylor Bros.	Earth excav.	102,700 cu. yd.	\$ 0.248			
				Approach excav.	600 cu. yd.	.248			
				Channel excav.	800 cu. yd.	.248			
				Loose rock	50 cu. yd.	1.50			
				Solid rock					
				15" culv. labor	80 lin. ft.	.50			
				18" culv. labor	80 lin. ft.	.50			
				24" culv. labor	62 lin. ft.	.50			
				Overhaul	168,000 sta. yd.	.02	\$ 29,387.90	Approved	3-28-25
Union		402	Gerard Knutson	Gravel, 1 mi. haul	9,300 cu. yd.	\$ 0.401			
				Add. 1/2 mi. haul	24,000 units	.07	\$ 6,057.30	Approved	12- 4-24
Union		440	J. W. Rusk	Gravel, 1 mi. haul	3,853 cu. yd.	\$ 0.39			
				Add. 1/2 mi. haul	6,867 units	.09	\$ 2,159.79	Approved	11- 5-25
Van Buren		163	Tisdale Lbr. Co.	2x8s lumber	72 pcs.				
				2x6s lumber	36 pcs.				
				4x8s lumber	144 pcs.		\$ 141.30	Approved	4-14-25
Van Buren		163	Wheeler Lbr. Co.	Posts	529	\$ 0.76	\$ 395.20	Approved	4-14-25
Van Buren		165	Pedrick & Sons	26" woven wire	4,000 rods		\$ 154.75	Approved	4-14-25
Webster		183	A. J. Fleckenstein	Gravel, 1 mi. haul	3,229 cu. yd.	\$ 0.375			
				Add. 1/2 mi. haul	120,900 units	.07			
				Stripping pit	2,500 cu. yd.	.19	\$ 12,061.38	Approved	6- 2-25

SCHEDULE NO. 11—Continued

County	Project Number		Contractor	Item	Estimated Quantities	Unit Price	Total Amount Contract	Action by Commission	Date
	Federal	Primary							
Webster		389	J. W. Ault	Earth excav.	48,586 cu. yd.	\$ 0.218			
				Approach excav.	325 cu. yd.	.26			
				Channel excav.	550 cu. yd.	.26			
				Loose rock	225 cu. yd.	1.00			
				Solid rock		1.50			
				Clearing R.O.W.					
				Overhaul	20,700 sta. yd.	.02			
15" culv. labor	194 lin. ft.	.35							
18" culv. labor	84 lin. ft.	.40	\$ 11,783.75	Approved	7-13-25				
Winneshiek		120	Fox Const. Co.	Earth excav.	4,968 cu. yd.	0.30	\$ 1,497.90	Approved	7- 7-25
Winneshiek		121	Fred Carlson Pav. Co.	Excavation	400 cu. yd.	\$ 0.60			
				Plumes	8	16.00			
				Pavement	1,500 sq. yd.	3.05				$ 4,943.00	Approved	10-26-25
Winneshiek		121	J. A. Dunkel Const. Co.	Excavation	5,126 cu. yd.	\$ 0.50			
				Excavation	7,700 cu. yd.	.50				$ 7,613.00	Approved	5-13-25
Winneshiek		177	Foley Bros.	Excavation	101,773 cu. yd.	\$ 0.215			
				Approach excav.	710 cu. yd.	.215			
				Channel excav.	170 cu. yd.	.215			
				15" culv. labor	784 lin. ft.	.25			
				18" culv. labor	908 lin. ft.	.35			
				Excavation	38,962 cu. yd.	.215			
				Approach excav.	610 cu. yd.	.215			
15" culv. labor	362 lin. ft.	.25							
18" culv. labor	641 lin. ft.	.35	\$ 31,159.88	Approved	4-27-25				
Winneshiek		177	L. P. Larsen	6" drain	11,330 lin. ft.	\$ 0.1193			
				8" drain		1.498			
				Intakes	2	30.00				$ 1,391.67	Approved	4-27-25
Winneshiek		177	Peter C. Taugan	Clear and grub.			\$ 600.00	Approved	4-27-25
Woodbury		245	W. H. Dugan & Sons	Excavation	112,940 cu. yd.	\$ 0.177			
				Excavation	5,660 cu. yd.	.25			
				Overhaul	83,250 sta. yd.	.02			
				15" culv. labor	700 lin. ft.	.35			

Worth	82-B	Jos. Cosgrove	24" culv. labor	80 lin. ft.	.40	\$ 23,319.88	Approved	10-16-25
			Excavation	125,115 cu. yd.	\$ 0.225			
Worth	216	B. N. Diltz & Sons	Excavation	470 cu. yd.	.24			
			Overhaul	73,500 sta. yd.	.02			
			Placing culverts	1,000 lin. ft.	.15	\$ 29,883.67	Approved	4-27-25
Wright	199	Geo. Cronkhite	Cable guard rail	3,169 lin. ft.	\$ 0.24			
			End anchors	22	6.15				$ 14,896.52	Approved	4-17-25
Wright	387	Wilder and Wilder	Gravel, 1 mi. haul	2,000 cu. yd.	\$ 0.30			
			Add. 1/2 mi. haul	2,500 units	.07			
			Stripping pit	300 cu. yd.	.20				$ 835.00	Approved	10-16-25
Wright	200	Geo. Cronkhite	Cable guard rail	1,610 lin. ft.	\$ 0.238			
			Anchors	14	6.15				$ 501.48	Approved	10- 3-25
Wright	287-D	L. C. Wood & Co.	Earth excav.	31,082 cu. yd.	\$ 0.25			
			Approach excav.	200 cu. yd.	.25			
			Loose rock		1.50			
			Solid rock		3.00			
			15" culv. labor	25 lin. ft.	.30			
			18" culv. labor	150 lin. ft.	.30				$ 7,968.70	Approved	7-11-25

Totals—253 contracts approved. Amount \$4,104,648.58.
1 contract disapproved. Amount \$12,576.74.

SCHEDULE NO. 12

CITY-PRIMARY ROAD PROJECT CONTRACTS APPROVED BY HIGHWAY COMMISSION
DECEMBER 1, 1924-DECEMBER 1, 1925

City	Project Number	Contractor	Item	Quantity	Price	Amount	Date Approved
Elkader	C-35	Union Const. Co.	Conc. pavement	4,750 sq. yd.	\$ 2.28	\$ 17,532.50	10-26-25
			Curb and gutter	4,250 ft.	1.29		
			Excavation	2,200 cu. yd.	.55		
Iowa City	C-34	Percy P. Smith	Excavation	4,375 cu. yd.	\$ 0.56	\$ 31,242.00	4-13-25
			Conc. pavement	12,200 sq. yd.	2.30		
Marshalltown	C-36	A. Carlson	Conc. pavement	16,000 sq. yd.	\$ 2.30	\$ 40,379.00	4-24-25
			Curb	5,430 ft.	.48		
			Excavation	1,800 cu. yd.	.50		
			Headers	130 ft.	.60		
Ottumwa	C-28	Lytle Const. Co.	Conc. pavement	15,748 sq. yd.	\$ 2.43	\$ 39,780.14	9-9-25
			Catch basins	30	60.00		
			Excavation	250 cu. yd.	1.25		

Total--4 Contracts. Amount, \$128,964.24.

SCHEDULE NO. 13

SECONDARY-PRIMARY ROAD PROJECT CONTRACTS APPROVED BY COMMISSION
DECEMBER 1, 1924-DECEMBER 1, 1925

County	Project Number	Contractor	Item	Quantity	Price	Amount	Date Approved
Buena Vista	S-10	Linnan Const. Co.	Gravel, 1 mi. haul	17,250 cu. yd.	\$ 0.32	\$ 15,422.76	6-2-25
			Gravel crush	5,250 cu. yd.	.68		
			Gravel crush	6,000 cu. yd.	.06		
			Gravel, 1/2 mi. haul	91,125 units	.07		
			Gravel, 1/2 mi. haul	26,250 units	.08		
			Stripping pit	1,600 cu. yd.	.19		
			Stripping pit	1,700 cu. yd.	.20		
Buena Vista	S-11	Linnan Const. Co.	Gravel, 1 mi. haul	12,000 cu. yd.	\$ 0.34	\$ 9,985.25	6-2-25
			Gravel, 1 mi. haul	1,500 cu. yd.	.36		
			Gravel crush	6,000 cu. yd.	.06		
			Gravel, 1/2 mi. haul	42,375 units	.078		
			Stripping	3,400 cu. yd.	.20		
Buena Vista	S-27	McGuire Bros. & Lowe	Excavation	17,460 cu. yd.	\$ 0.24	\$ 14,877.13	6-20-25
			Loose rock	50 cu. yd.	1.50		
			Excavation	8,596 cu. yd.	.28		
			Loose rock	25 cu. yd.	1.50		
			Excavation	17,158 cu. yd.	.33		
			Loose rock	50 cu. yd.	1.50		
Buena Vista	S-28	Jos. Barnes	Excavation	7,672 cu. yd.	\$ 0.22	\$ 1,800.34	7-14-25
			Loose rock	75 cu. yd.	1.50		
Buena Vista	S-28	Jas. Andresen	Excavation	12,619 cu. yd.	\$ 0.269	\$ 3,265.94	7-14-25
			Loose rock	125 cu. yd.	2.60		
Buena Vista	S-28	C. W. McNamara	Excavation	18,639 cu. yd.	\$ 0.225	\$ 4,941.75	7-14-25
			Loose rock	175 cu. yd.	3.00		
			Clear and grub.				
Buena Vista	S-29	J. W. Lusk	Excavation	41,000 cu. yd.	\$ 0.225	\$ 7,760.00	6-22-25
			Stumps-6"	277	1.90		
			Stumps-6"-12"	57	3.00		
			Stumps-12" and over	48	3.00		

SCHEDULE NO. 13—Continued

County	Project Number	Contractor	Item	Quantity	Price	Amount	Date Approved
Calhoun	S-33	E. G. Wickham & Co.	Excavation Clear and grub—6"-12" Clear and grub over 12"	86,138 cu. yd. 13 35	\$ 0.23 1.50 2.50	\$ 5,418.74	5-2-25
Calhoun	S-34	E. G. Wickham & Co.	Excavation Grub stumps Clear and grub under 6" 6"-12" Over 12"	86,292 cu. yd. 223 32 91 115	\$ 0.23 3.00 1.00 1.50 4.00	\$ 21,144.66	5-2-25
Calhoun	S-35	A. R. Eno	Gravel, 1 mi. haul Gravel, ½ mi. haul Stripping pit	12,000 cu. yd. 34,500 units 3,200 cu. yd.	\$ 0.30 .08 .20	\$ 7,000.00	7-11-25
Calhoun	S-36	Vander Schaaf and Vander Stouwe	Gravel, 1 mi. haul Gravel, ½ mi. haul Stripping pit	11,025 cu. yd. 35,000 units 3,600 cu. yd.	\$ 0.26 .09 .20	\$ 8,692.50	6-6-25
Calhoun	S-36	Vander Schaaf and Vander Stouwe	Stockpiling gravel Gravel, 1 mi. haul Gravel, ½ mi. haul Stripping	2,000 cu. yd. 4,125 units 30,110 units 1,000 cu. yd.	\$ 0.22 .30 .075 .25	\$ 3,435.75	8-18-25
Calhoun	S-37	A. R. Eno	Gravel, 1 mi. haul Gravel, ½ mi. haul Stripping	5,000 cu. yd. 14,500 units 1,200 cu. yd.	\$ 0.30 .08 .20	\$ 2,900.00	6-16-25
Calhoun	S-34	J. A. Dunkel	Excavation Loose rock Clear and grub	21,594 cu. yd. 250 cu. yd.	\$ 0.28 1.00	\$ 6,710.22	10-28-25
Calhoun	S-35	J. A. Dunkel	Excavation Loose rock Clear and grub	24,167 cu. yd. 500 cu. yd.	\$ 0.28 1.00	\$ 7,637.30	10-28-25
Clay	S-46	Sioux Const. Co.	Excavation Loose rock	47,400 cu. yd. 200 cu. yd.	\$ 0.248 1.25	\$ 12,005.20	9-21-25
Dickinson	S-50	A. G. Schneiders	Gravel, 1 mi. haul	6,912 cu. yd.	\$ 0.36		

Dickinson	S-31	A. G. Schneiders	Gravel, ½ mi. haul Stripping	17,500 units 1,000 cu. yd.	.075 .20	\$ 4,750.32	8-26-25
Dickinson	S-32	Huff & Wiuff	Gravel, 1 mi. haul Gravel, ½ mi. haul Stripping	4,519 cu. yd. 22,595 units 400 cu. yd.	\$ 0.355 .07 .29	\$ 3,205.90	8-30-25
Dickinson	S-33	Huff & Wiuff	Gravel, 1 mi. haul Gravel below water Gravel, ½ mi. haul Stripping	6,000 cu. yd. 3,000 cu. yd. 54,300 units 1,000 cu. yd.	\$ 0.45 .10 .08 .29	\$ 7,564.00	10-30-25
Emmet	S-2	Geo. Cronkhite	Guard rail Anchors	800 lin. ft. 5	\$ 0.258 5.75	\$ 232.40	8-29-25
Emmet	S-2	Huff & Wiuff	Gravel, 1 mi. haul Gravel, ½ mi. haul Stripping pit	2,077 cu. yd. 24,000 units 320 cu. yd.	\$ 0.32 .08 .20	\$ 2,648.64	6-2-25
Emmet	S-3	Huff & Wiuff	Gravel, 1 mi. haul Gravel, ½ mi. haul Stripping pit	2,653 cu. yd. 21,000 units 1,000 cu. yd.	\$ 0.32 .08 .20	\$ 2,738.56	6-2-25
Emmet	S-4	Huff & Wiuff	Gravel, 1 mi. haul Gravel, ½ mi. haul	1,794 cu. yd. 15,000 units	\$ 0.32 .08	\$ 2,014.08	6-2-25
Emmet	S-5	Huff & Wiuff	Gravel, 1 mi. haul Gravel, ½ mi. haul Stripping pit	1,170 cu. yd. 9,000 units 300 cu. yd.	\$ 0.32 .08 .20	\$ 1,202.40	6-2-25
Emmet	S-6	Huff & Wiuff	Gravel, 1 mi. haul Gravel, ½ mi. haul Stripping pit	2,653 cu. yd. 4,750 units 75 cu. yd.	\$ 0.32 .08 .20	\$ 534.84	6-2-25
Emmet	S-7	Geo. Cronkhite	Guard rail Anchors	720 lin. ft. 5	\$ 0.258 5.75	\$ 231.76	8-26-25
Emmet	S-7	Huff & Wiuff	Gravel, 1 mi. haul Gravel, ½ mi. haul Stripping pit	2,400 cu. yd. 12,100 units 200 cu. yd.	\$ 0.32 .08 .20	\$ 1,808.00	6-2-25
Emmet	S-22	O'Hanlon & Reilly	Excavation Culverts Loose rock excav. Clear and grub.	27,279 cu. yd. 288 lin. ft. 50 cu. yd. 25 trees	\$ 0.22 .40 1.50 4.00	\$ 6,291.38	6-2-25

SCHEDULE NO. 13—Continued

County	Project Number	Contractor	Item	Quantity	Price	Amount	Date Approved
Emmet	S-23	Lars Jorgensen	6" tile drain	6,700 lin. ft.	\$ 0.1035		
			Intakes	25	10.00	\$ 945.45	7-7-25
Emmet	S-24	E. S. Camden	6" tile drain	5,780 lin. ft.	\$ 0.106		
			Intakes	2	14.00		
			Intakes	15	10.00	\$ 820.68	8-31-25
Emmet	S-24	O'Hanlon & Reilly	Excavation	26,375 cu. yd.	\$ 0.106		
			Loose rock	100 cu. yd.	.75		
			Clear and grub				
			Culverts	252 lin. ft.	.25	\$ 5,281.91	8-31-25
Emmet	S-25	Geo. Cronkhitte	Cable guard rail	640 lin. ft.	\$ 0.258		
			Anchors	4	5.75	\$ 188.12	Disapvd.
Emmet	S-25	Lars Jorgenson	6" tile drain	15,300 lin. ft.	\$ 0.109		
			Type A intakes	2	15.00		
			Type B intakes	30	10.00	\$ 1,997.70	7-11-25
Emmet	S-25	O'Hanlon & Reilly	Earth excav.	43,200 cu. yd.	\$ 0.215		
			Loose rock	300 cu. yd.	1.25		
			Solid rock		2.50		
			Clear and grub		2.50		
			Trees 6" to 12"	40	1.50		
			Culvert labor	468 lin. ft.	.40	\$ 9,925.04	7-11-25
Franklin	S-16	Belmond Const. Co.	Gravel material	10,000 cu. yd.	\$ 0.30	\$ 3,000.00	4-17-25
Franklin	S-16	M. O. Weaver	Gravel, 1 mi. haul	19,045 cu. yd.	\$ 0.225		
			Gravel, ½ mi. haul	318,897 units	.07		
			Shaping road	12,221 mi.	55.00		
			Stripping pit	1,000 cu. yd.	.20	\$ 28,628.48	5-11-25
Franklin	S-40	Chris Jensen	6" drain complete	7,910 lin. ft.	\$ 0.1024		
			Type A intakes	20	12.00	\$ 1,049.98	8-8-25
Franklin	S-40	Fox Construction Co.	Earth excav.	29,355 cu. yd.	\$ 0.22		
			Loose rock		1.00		
			Solid rock		2.50		
			Culvert labor	88 lin. ft.	.20		
			Culvert labor	250 lin. ft.	.25		
			Culvert labor	112 lin. ft.	.30		
			Culvert labor	30 lin. ft.	.30	\$ 6,573.50	8-8-25
Hancock	S-13	Alex Elkwald	6" drain	30,035 lin. ft.	\$ 0.103		
			Intakes	13	15.00	\$ 3,908.67	5-11-21
Hancock	S-18	L. O. Kimball	Excavation	87,069 cu. yd.	\$ 0.254	\$ 24,808.00	5-12-25
Hancock	S-44	Chris Jeppsen	6" tile drain	7,900 lin. ft.	\$ 0.109		
			8" tile drain	3,350 lin. ft.	.149		
			Intakes	19	15.00	\$ 1,645.25	8-31-25
Hancock	S-44	Fox Constr. Co.	Earth excav.	53,673 cu. yd.	\$ 0.20		
			Loose rock		1.50		
			Solid rock		2.00		
			12" culv. labor	450 lin. ft.	.20		
			15" culv. labor	20 lin. ft.	.20		
			18" culv. labor	60 lin. ft.	.20	\$ 10,840.00	8-18-25
Hancock	S-45	Alex Elkwald	9" tile in 4' ditch	900 lin. ft.	\$ 0.105		
			8" tile in 4' ditch	2,250 lin. ft.	.15		
			Intakes complete	10	15.00	\$ 587.25	8-18-25
Hancock	S-45	Fox Const. Co. & Joe. Cosgrove	Earth excav.	30,407 cu. yd.	\$ 0.20		
			Loose rock		1.50		
			Solid rock		2.00		
			12" culv. labor	100 lin. ft.	.20	\$ 6,119.40	8-18-25
Humboldt	S-21	Wm. Dutton	Excavation	38,184 cu. yd.	\$ 0.245		
			12" pipe labor	350 lin. ft.	.30		
			15" pipe labor	450 lin. ft.	.40	\$ 8,407.73	6-9-25
Humboldt	S-21	Ray Cook	Gravel, 1 mi. haul	7,140 cu. yd.	\$ 0.279		
			Gravel, 1 mi. haul	3,120 cu. yd.	.28		
			Gravel, 1 mi. haul	4,660 cu. yd.	.28		
			Gravel, ½ mi. haul	61,840 units	.07		
			Gravel, ½ mi. haul	23,400 units	.074		
			Gravel, ½ mi. haul	28,800 units	.074		
			Stripping pit	1,735 cu. yd.	.19		
			Stripping pit	500 cu. yd.	.19	\$ 12,796.75	6-2-25
Humboldt	S-21	H. M. Duerst	Gravel in pit	9,919.58 cu. yd.	\$ 0.20	\$ 1,983.92	8-18-25
Humboldt	S-21	Mrs. T. O. Larson	Gravel in pit	5,156.46 cu. yd.	\$ 0.20	\$ 1,031.29	10-5-25
Humboldt	S-49	Ray Cook	Gravel on road	5,000 cu. yd.	\$ 0.27		
			Gravel, ½ mi. haul	40,200 units	.07		
			Stripping pit	1,500 cu. yd.	.18	\$ 4,455.00	8-15-25

SCHEDULE NO. 13—Continued

County	Project Number	Contractor	Item	Quantity	Price	Amount	Date Approved
Humboldt	S-49	J. W. Donnelly	Gravel, 1 mi. haul	4,500 cu. yd.	\$ 0.36		
			Gravel, ½ mi. haul	30,500 units	.07		
			Stripping pit	1,900 cu. yd.	.22	\$ 3,729.00	8-13-25
Kossuth	S-12	John Schumaker	Gravel, 1 mi. haul	4,500 cu. yd.	\$ 0.28		
			Gravel, 1 mi. haul	13,300 cu. yd.	.28		
			Gravel, 1 mi. haul	6,900 cu. yd.	.28		
			Gravel ½ mi. haul	111,750 units	.07		
			Stripping	7,500 cu. yd.	.18		
			Stripping	3,000 cu. yd.	.18	\$ 16,792.50	7-15-25
Kossuth	S-12	R. C. Hart & Co.	Excavation	35,568 cu. yd.	\$ 0.25	\$ 8,892.00	7-7-25
Kossuth	S-15	J. Schumacher	Gravel, 1 mi. haul	9,150 cu. yd.	\$ 0.28		
			Gravel, ½ mi. haul	52,050 units	.075		
			Stripping	5,000 cu. yd.	.18		
			Gravel, 1 mi haul	7,500 cu. yd.	.38		
			Gravel, 1 mi. haul	4,500 cu. yd.	.36		
			Gravel, ½ mi. haul	24,750 units	.07		
			Stripping	4,500 cu. yd.	.20	\$ 14,468.25	7-15-25
Kossuth	S-30	W. D. Knoll	Gravel, 1 mi. haul	4,500 cu. yd.	\$ 0.33		
			Gravel, ½ mi. haul	24,750 units	.075		
			Stripping	3,500 cu. yd.	.24		
			Gravel, 1 mi. haul	6,000 cu. yd.	.48		
			Gravel, ½ mi. haul	45,000 units	.075		
			Stripping	3,000 cu. yd.	.25	\$ 11,186.25	7-2-25
Kossuth	S-31	M. T. McGuire	Excavation	70,623 cu. yd.	\$ 0.224		
			Excavation	33,733 cu. yd.	.224	\$ 23,375.74	7-7-25
Kossuth	S-32	M. T. McGuire	Excavation	43,383 cu. yd.	\$ 0.210	\$ 9,509.88	7-7-25
Marshall	S-47	Moore & Eldridge	Gravel, 1 mi. haul	7,017 cu. yd.	\$ 0.34		
			Gravel, ½ mi. haul	50,011 units	.065	\$ 5,036.40	7-24-25
Marshall	S-47	Moore & Eldridge	Gravel on road	1,855 cu. yd.	\$ 0.54		
			Gravel, ½ mi. haul	30,219 units	.07	\$ 3,116.40	8-3-25
Marshall	S-47	Moore & Eldridge	Gravel on road			\$ 10,786.00	8-3-25
Marshall	S-47-A	Rena Hawkins	Gravel material	7,017 cu. yd.	\$ 0.66	\$ 4,561.05	10-26-23
Marshall	S-47-B	Rena Hawkins	Gravel material	1,855 cu. yd.	\$ 0.65	\$ 1,205.75	10-26-23
Marshall	S-48	Henry Leise	Gravel material	4,473 cu. yd.	\$ 0.20	\$ 894.60	10-30-23
Marshall	S-48	Moore & Eldridge	Gravel on road	4,473 cu. yd.	\$ 0.40		
			Gravel, ½ mi. haul	6,625 units	.078	\$ 2,306.96	8-3-25
Marshall	S-48	W. J. Bennethum	Excavation	24,008 cu. yd.	\$ 0.24	\$ 5,776.32	9-9-25
Osceola	S-9	Weaver and Weaver	Gravel, 1 mi. haul	11,876 cu. yd.	\$ 0.32		
			Gravel, ½ mi. haul	30,065 units	.078		
			Stripping pit	4,500 cu. yd.	.20	\$ 7,514.96	5-11-25
Osceola	S-22	Vincent Kelley	Excavation	45,715 cu. yd.	\$ 0.214		
			16" culv. labor	140 lin. ft.	.35		
			12" culv. labor	120 lin. ft.	.35	\$ 9,874.01	5-11-25
Osceola	S-43	Sam Chase	Excavation	15,461 cu. yd.	\$ 0.229		
			Loose rock		.50	\$ 3,540.57	8-14-25
Pocahontas	S-20	Alex Eikwald	6" drain complete	17,525 lin. ft.	\$ 0.10		
			Type A intakes	9	13.00	\$ 1,809.50	8-13-25
Pocahontas	S-20	Hartman & Peterson	Excavation	44,108 cu. yd.	\$ 0.26		
			Excavation	80,871 cu. yd.	.25		
			Loose rock	250 cu. yd.	1.50		
			Culvert labor	1,170 lin. ft.	.35		
			Clear and grub				
			Overhaul			\$ 38,029.07	5-8-25
Sac	S-19	J. J. Thomson	Excavation	38,300 cu. yd.	\$ 0.22		
			Loose rock	125 cu. yd.	1.00	\$ 8,533.50	10-17-25
Sac	S-41	J. J. Thomson	Excavation	37,771 cu. yd.	\$ 0.215		
			Loose rock	125 cu. yd.	1.00		
			Clear and grub			\$ 8,668.37	10-17-25
Sac	S-42	J. J. Thomson	Excavation	38,363 cu. yd.	\$ 0.225		
			Loose rock	250 cu. yd.	1.00		
			Clear and grub			\$ 9,272.68	10-17-25

Total—Contracts Approved, 72.
 Amount, \$629,630.80.
 1 Contract Disapproved.
 Amount, \$186.12.

SCHEDULE NO. 14

SECONDARY ROAD CONTRACTS APPROVED ASIDE FROM SECONDARY ROAD DISTRICT CONTRACTS AND SECONDARY-PRIMARY ROAD PROJECT CONTRACTS, DECEMBER 1, 1924—DECEMBER 1, 1925

County	Contractor	Item	Estimated Quantity	Price	Amount	Action by Commission	Date
Appanoose	Sargent Bros.	Shale on road	780 cu. yd.	\$ 1.39	\$ 1,014.70	Approved	9-7-25
Black Hawk	Shirley Const. Co.	Excavation Clear, grub, etc.	55,967 cu. yd.	\$ 0.274	\$ 15,327.46	Approved	
Black Hawk	Harry Peterson	6" drain Intakes	11,174 lin. ft. 1	\$ 0.115 15.00	\$ 1,300.01	Approved	4-17-25
Boone	H. R. Maudlin	Gravel, 1 mi. haul Gravel, 1/2 mi. haul	6,000 cu. yd. 80,000 units	\$ 0.23 .077	\$ 6,300.00	Approved	3-27-25
Bremer	Nels Debel	6" tile labor 6" sewer pipe labor 8" tile labor	15,255 lin. ft. 300 lin. ft. 1,000 lin. ft.	\$ 0.0985 .17 .1525	\$ 1,706.12	Approved	5-2-25
Bremer	Shirley Const. Co.	Excavation Loose rock Solid rock Overhaul	26,712 cu. yd. 600 cu. yd. 200 cu. yd. 49,010 sta. yd.	\$ 0.342 1.10 2.30 .02	\$ 11,215.70	Approved	5-2-25
Bremer	Waverly Lumber Co.	6" tile material 6" sewer pipe 8" tile material	15,255 lin. ft. 300 lin. ft. 1,000 lin. ft.	\$ 0.0065 .29 .0965	\$ 966.15	Approved	5-2-25
Bremer	M. C. Brick & Tile Co.	6" tile material	4,500 lin. ft.	\$ 0.05625	\$ 253.13	Approved	7-18-25
Bremer	National Clay Works	6" tile material 6" tile material 8" tile material	2,000 lin. ft. 3,000 lin. ft. 600 lin. ft.	\$ 0.055 .06 .088	\$ 363.80	Approved	7-18-25
Bremer	Waugh and Tackman	Type A guard rail Type A guard rail Type A guard rail Type A guard rail End braced anchors	5,175 lin. ft. 3,880 lin. ft. 665 lin. ft. 1,300 lin. ft. 70	\$ 0.175 .175 .175 .175 1.00	\$ 1,977.50	Approved	9-14-25

Bremer	J. W. Troyna	6" tile labor 6" tile labor 8" tile labor 6" tile labor 6" tile labor	2,000 lin. ft. 3,880 lin. ft. 660 lin. ft. 3,500 lin. ft. 1,000 lin. ft.	\$ 0.06 .06 .08 .06 .06	\$ 534.00	Approved	7-11-25
Butler	Moe and Nelson	Gravel on road Gravel, 1/2 mi. haul Gravel on road Gravel, 1/2 mi. haul	1,875 cu. yd. 16,559 units 2,250 cu. yd. 18,000 units	\$ 0.40 .07 .40 .07	\$ 4,065.00	Approved	6-27-25
Carroll	Finley Const. Co.	Excavation	16,000 cu. yd.	\$ 0.24	\$ 3,840.00	Approved	7-25-25
Carroll	Kaiser Gravel Co.	Gravel, 1 mi. haul Gravel, 1/2 mi. haul Gravel, 1/2 mi. haul Gravel, 1 mi. haul Gravel crush	5,200 cu. yd. 3,850 units 41,200 units 9,100 cu. yd. 9,100 cu. yd.	\$ 0.32 .078 .075 .30 .08	\$ 8,512.30	Approved	7-25-25
Cass	Frank Ehlen	Excavation	5,730 cu. yd.	\$ 0.43	\$ 2,466.00	Approved	5-12-25
Cerro Gordo	M. O. Weaver	Gravel, 1 mi. haul Gravel, 1/2 mi. haul Stripping	7,900 cu. yd. 72,740 units 1,625 cu. yd.	\$ 0.39 .074 .19	\$ 8,795.91	Approved	12-29-24
Oberokee	J. H. Heldt & Co.	Gravel, 1 mi. haul Gravel, 1/2 mi. haul Stripping 700 cu. yd. Gravel, 1 mi. haul Gravel, 1/2 mi. haul Stripping	5,000 cu. yd. 21,000 units 700 cu. yd. 5,000 cu. yd. 45,500 units 700 cu. yd.	\$ 0.27 .07 .15 .29 .07 .15	\$ 7,665.00	Approved	9-23-25
Clay	J. H. Heldt & Co.	Gravel, 1 mi. haul Gravel, 1/2 mi. haul Gravel, 1 mi. haul Gravel, 1/2 mi. haul Gravel, 1 mi. haul Gravel, 1/2 mi. haul Gravel, 1 mi. haul Gravel, 1/2 mi. haul Gravel, 1/2 mi. haul	15,600 cu. yd. 94,800 units 12,400 cu. yd. 45,000 units 10,500 cu. yd. 37,100 units 3,200 cu. yd. 29,500 units	\$ 0.266 .0986 .3126 .07056 .3126 .07056 .3254 .07056	\$ 28,381.30	Approved	6-13-25
Clay	G. W. Allison	Excavation Loose rock	26,500 cu. yd. 300 cu. yd.	\$ 0.219 1.40	\$ 6,222.50	Approved	7-20-25
Clay	W. H. McDaniels	Gravel, 1 mi. haul Gravel, 1/2 mi. haul Gravel, 1 mi. haul Gravel, 1/2 mi. haul	8,400 cu. yd. 21,600 units 2,400 cu. yd. 25,200 units	\$ 0.25166 .077 .3825 .064	\$ 6,788.00	Approved	9-21-25

SCHEDULE NO. 14—Continued

County	Contractor	Item	Estimated Quantity	Price	Amount	Action by Commission	Date
Clinton	M. & S. Const. Co.	Excavation	39,150 cu. yd.	\$ 0.249	\$ 27,431.35	Approved	9-9-25
		Rock excavation	400 cu. yd.	2.50			
		Excavation	67,000 cu. yd.	.349			
Crawford	E. J. Wilson	Excavation	78,637 cu. yd.	\$ 0.179	\$ 15,803.92	Approved	8-24-25
		Overhaul	86,395 sta. yd.	.02			
Delaware	Barnd & Barnd	Excavation	3,470 cu. yd.	\$ 0.39	\$ 8,460.94	Approved	10-12-25
		Solid rock	3,748 cu. yd.	1.73			
		Cross road excav.	1,540 cu. yd.	.39			
		Clear and grub.	3'-6"-14	1.00			
		Clear and grub.	6'-12"-2	2.00			
		Clear and grub.	12'+-2	2.50			
Delaware	L. O. Kimball	Excavation	42,367 cu. yd.	\$ 0.25	\$ 11,930.25	Approved	10-16-25
		Excavation	120 cu. yd.	.39			
		Clear and grub.	3'-6"-170	2.25			
		Clear and grub.	6'-12"-80	2.50			
		Clear and grub.	12" and over	2.75			
		Overhaul	15,460 sta. yd.	.02			
Dubuque	Cameron Joyce Co.	Solid rock excav.	3,263 cu. yd.	\$ 1.65	\$ 20,796.87	Approved	3-23-25
		Loose rock excav.		.96			
		Earth excav.	53,114 cu. yd.	.28			
		Overhaul	27,060 sta. yd.	.02			
Dubuque	N. G. Mallin	Furnish gravel on road	1,500 cu. yd.	\$ 2.65	\$ 3,975.00	Approved	9-21-25
Greene	Dolson and Anderson	Gravel, 1 mi. haul	2,750 cu. yd.	\$ 0.36	\$ 4,079.00	Approved	5-22-25
		Gravel, 1 mi. haul	3,000 cu. yd.	.34			
		Gravel, 1/2 mi. haul	15,000 units	.08			
		Gravel, 1/2 mi. haul	11,000 units	.079			
Greene	Dolson and Anderson	Gravel, 1 mi. haul	2,200 cu. yd.	\$ 0.39	\$ 2,343.00	Approved	7-11-25
		Gravel, 1/2 mi. haul	16,500 units	.09			
Greene	Dolson and Anderson	Gravel, 1 mi. haul	3,000 cu. yd.	\$ 0.39	\$ 2,632.50	Approved	7-11-25
		Gravel, 1/2 mi. haul	15,650 units	.09			

Grundy	Wm. Dutton	Excavation	25,000 cu. yd.	\$ 0.275	\$ 9,775.00	Approved	4-4-25
		Loose rock	200 cu. yd.	.75			
Grundy	Carl Olson	8" tile	14,000 lin. ft.	\$ 0.058	\$ 1,638.00	Approved	4-4-25
		8" tile	500 lin. ft.	.02			
		6" tile labor	14,000 lin. ft.	.0475			
		8" tile labor	500 lin. ft.	.05			
		Intakes	6	15.00			
Hamilton	L. O. Kimball	Gravel on road	12,700 cu. yd.	\$ 0.48	\$ 12,750.00	Approved	8-13-25
		Gravel, 1/2 mi. haul	104,900 units	.06			
		Stripping pit	1,500 cu. yd.	.24			
Humboldt	Sampson Bros. Const. Co.	Gravel, 1 mi. haul	4,300 cu. yd.	\$ 0.36	\$ 5,886.00	Approved	6-22-25
		Gravel, 1 mi. haul	5,000 cu. yd.	.30			
		Gravel, 1/2 mi. haul	2,600 units	.08			
		Gravel, 1/2 mi. haul	2,200 units	.08			
		Stripping	1,250 cu. yd.	.30			
		Stripping	750 cu. yd.	.18			
Ida	Geo. W. Condon	Excavation	117,000 cu. yd.	\$ 0.189	\$ 21,488.40	Approved	5-15-25
		15" culv. labor	250 lin. ft.	.30			
		18" culv. labor	420 lin. ft.	.40			
		24" culv. labor	800 lin. ft.	.50			
		30" culv. labor	30 lin. ft.	.60			
		Overhaul	79,000 sta. yd.	.02			
Johnson	J. A. Dunkel Const. Co.	Excavation	27,557 cu. yd.	\$ 0.185	\$ 9,161.19	Approved	4-21-25
		Excavation	11,609 cu. yd.	.35			
Lee	McAndrew & Hannahs	Excavation	11,938 cu. yd.	\$ 0.3373	\$ 4,029.08	Approved	4-27-25
Linn	Deweese & Dewees	Crushed stone on road	1,000 cu. yd.	\$ 2.70	\$ 2,700.00	Approved	5-2-25
Linn	J. Herbert & Son	Bridge fill	23,000 cu. yd.	\$ 0.27	\$ 6,440.00	Approved	5-8-25
		Overhaul	11,500 sta. yd.	.02			
Linn	Sam Patterson	Excavation	45,333 cu. yd.	\$ 0.218	\$ 10,321.83	Approved	6-8-25
		Overhaul	21,744 sta. yd.	.02			
Linn	Chas. F. Wishard	Gravel, 1 mi. haul	3,125 cu. yd.	\$ 0.58	\$ 2,533.13	Approved	6-13-25
		Gravel, 1/2 mi. haul	11,875 units	.115			
Linn	J. Herbert & Sons	Excavation	26,736 cu. yd.	\$ 0.237	\$ 9,055.01	Approved	6-29-25
		Overhaul	10,239 sta. yd.	.02			
		15" culv. labor	284 lin. ft.	.35			
		18" culv. labor	16 lin. ft.	.40			
		24" culv. labor	40 lin. ft.	.45			

SCHEDULE NO. 14—Continued

County	Contractor	Item	Estimated Quantity	Price	Amount	Action by Commission	Date
Linn	Foley Bros.	Excavation Excavation Overhaul 12' culv. labor 15' culv. labor 18' culv. labor 24' culv. labor	79,465 cu. yd. 415 cu. yd. 52,120 sta. yd. 64 lin. ft. 384 lin. ft. 56 lin. ft. 85 lin. ft.	\$ 0.225 .30 .02 .30 .40 .35 .40	\$ 17,390.77	Approved	10-28-25
Linn	Johnson & Moore	Excavation Excavation Solid rock excav. Overhaul 12' culv. labor 15' culv. labor 18' culv. labor 24' culv. labor	38,326 cu. yd. 40 cu. yd. 271 cu. yd. 16,660 sta. yd. 80 lin. ft. 306 lin. ft. 172 lin. ft. 29 lin. ft.	\$ 0.225 .25 2.00 .02 .30 .25 .30 .40	\$ 10,250.96	Approved	9-22-25
Linn	McChlre Bros. & Lowe	Excavation Excavation Overhaul 12' culv. labor 15' culv. labor 18' culv. labor 24' culv. labor	62,823 cu. yd. 1,000 cu. yd. 2,475 cu. yd. 27,924 sta. yd. 439 lin. ft. 135 lin. ft. 142 lin. ft. 48 lin. ft.	\$ 0.225 .45 .20 .02 .25 .35 .30 .40	\$ 15,924.29	Approved	8-20-25
Mahaska	Harvey Sand & Gravel Co.	Gravel FOB Harvey	1,000 cu. yd.	\$ 0.45	\$ 450.00	Approved	11-20-25
Mills	Wilson Pipe Company	Excavation	5,400 cu. yd.	\$ 0.29	\$ 1,566.00	Approved	4-25-25
Monona	Geo. W. Condon	Excavation	27,211 cu. yd.	\$ 0.104	\$ 4,621.00	Approved	6-18-25
Muscatine	Automatic Gravel Prod. Co.	Gravel FOB Switch	2,880 cu. yd.	\$ 1.50	\$ 4,320.00	Approved	11-20-25
O'Brien	Sioux Construction Co.	Excavation Culvert pipe	22,840 cu. yd. 489 lin. ft.	\$ 0.228 .30	\$ 5,201.12	Approved	6-9-25
O'Brien	C. W. McNamara	Excavation	21,000 cu. yd.	\$ 0.288	\$ 6,048.00	Approved	6-9-25

Page	Geo. W. Condon	12' culv. labor Excavation Overhaul	100 lin. ft. 341 cu. yd. 10,360 sta. yd.	\$.50 .35 .02	\$ 9,452.55	Approved	8-31-25
Palo Alto	Freeston & Bauck	Excavation	14,000 cu. yd.	\$ 0.21	\$ 2,940.00	Approved	8-31-25
Pocahontas	Alex Elwald	Gravel, 1 mi. haul Gravel, 1/2 mi. haul Stripping	15,000 cu. yd. 65,000 units 7,600 cu. yd.	\$ 0.28 .07 .18	\$ 11,142.00	Approved	5-11-25
Polk	Chas. Maroney	6" drain complete Type A inakes	40,100 lin. ft. 21	\$ 0.10 13.00	\$ 4,283.00	Approved	8-13-25
Polk	Chas. Maroney	Excavation	40,585 cu. yd.	\$ 0.2725	\$ 11,062.14	Approved	4-17-25
Polk	Wheeler Lumber Co.	Cable guard rail Braced post anchors	35,734 cu. yd. 20,005 lin. ft. 150	\$ 0.2295 1.07 1.09	\$ 9,772.97	Approved	4-17-25
Sac.	E. W. Koltzman	Excavation Overhaul Excavation	111,000 cu. yd. 105,222 cu. yd. 9,000 cu. yd.	\$ 0.2286 .30 .30	\$ 5,291.29	Approved	8-13-25
Scott	Tolbert Mitchell	Earth fill Earth fill	1,200 cu. yd. 500 cu. yd.	\$ 0.29 .285	\$ 594.75	Approved	9-14-25
Scott	E. S. Gay	Earth fill Earth fill	230 cu. yd. 250 cu. yd.	\$ 0.33 .35	\$.68.00	Approved	9-14-25
Tama	C. McDonald	Excavation Overhaul	56,339 cu. yd. 12,000 sta. yd.	\$ 0.2175 .02	\$ 12,211.75	Approved	8-13-25
Warren	W. McGriff	Excavation	10,000 cu. yd.	\$ 0.315	\$ 5,000.00	Approved	8-20-25
Winnebuck	L. P. Larsen	6" drain	2,500 lin. ft.	\$ 0.1297	\$ 316.75	Approved	5-2-25
Winnebuck	J. A. Dunkel Const. Co.	Excavation Excavation Solid rock	22,405 cu. yd. 591 cu. yd. 1,773 cu. yd.	\$ 0.30 1.20 1.50	\$ 10,600.50	Approved	5-2-25
Winnebuck	S. J. Groves & Sons	Excavation Loose rock Clear and grub	2,009 cu. yd. 2,782 cu. yd. 2,107 cu. yd.	\$ 0.40 1.00 1.18	\$ 5,400.00	Approved	5-2-25
Winnebuck	S. J. Groves & Sons	Excavation Loose rock	9,000 sta. yd. 37,404 cu. yd. 469 cu. yd.	\$.02 \$.29 \$.70	\$ 7,677.00	Approved	10-16-25

SCHEDULE NO. 14—Continued

County	Contractor	Item	Estimated Quantity	Price	Amount	Action by Commission	Date
Winneshek	S. J. Groves & Sons	Solid rock	8,271 cu. yd.	1.40	\$ 24,103.20	Approved	10-16-25
		Clear and grub					
		Overhaul	30,915 sta. yd.	.02			
Woodbury	W. H. Dugan	Solid rock	2,794 cu. yd.	\$ 1.40	\$ 4,302.40	Approved	10-16-25
		Excavation	400 cu. yd.	.35			
		Loose rock	20 cu. yd.	\$ 1.40			
		Clear and grub					
		Overhaul	3,640 sta. yd.	.02			
Woodbury	Geo. W. Condon	Excavation	106,512 cu. yd.	\$ 0.21	\$ 22,787.32	Approved	3-23-25
		Overhaul	260,000 sta. yd.	.02			
Woodbury	Geo. W. Condon	Excavation	75,000 cu. yd.	\$ 0.204	\$ 15,300.00	Approved	5-12-25
Woodbury	C. F. Betz	Excavation	50,000 cu. yd.	\$ 0.187	\$ 9,350.00	Approved	7-13-25
Woodbury	Lynch & Rhinehart	Gravel, 1 mi. haul	2,750 cu. yd.	\$ 0.30	\$ 4,147.50	Approved	9-23-25
		Gravel, ½ mi. haul	30,700 units	.08			
		Stripping	1,500 cu. yd.	.15			
Worth	J. J. Boyette	Excavation	22,329 cu. yd.	\$ 0.249	\$ 8,124.92	Approved	2-16-25
	12" culv. labor	300 lin. ft.	.25				
Wright	Moe & Nelson	Gravel, 1 mi. haul	8,800 cu. yd.	\$ 0.30	\$ 4,832.00	Approved	6-16-25
		Gravel, ½ mi. haul	22,400 units	.075			
		Gravel, ¼ mi. haul	6,400 units	.08			
Wright	Wilder and Wilder	Gravel hauling, etc.			\$ 9,029.00	Approved	5-27-25

Total—Number of Contracts, 73.
Amount, \$903,568.76.

SCHEDULE NO. 15

SECONDARY ROAD DISTRICT CONTRACTS APPROVED BY HIGHWAY COMMISSION
DECEMBER 1, 1924—DECEMBER 1, 1925

County	District Number	Contractor	Item	Estimated Quantity	Unit Price	Amount of Contract	Date of Approval
Black Hawk	4	Heldt & Boyles	Gravel on road	7,000 cu. yd.	\$ 0.20	\$ 8,406.00	2-30-25
			Gravel, ½ mi. haul	77,000 units	.08		
			Stripping pit	1,200 cu. yd.	.18		
Black Hawk	5	G. E. Sargent	Gravel, 1 mi. haul	9,720 cu. yd.	\$ 0.33	\$ 9,044.45	9-25-25
			Gravel, ½ mi. haul	59,631 units	.079		
			Stripping pit	3,200 cu. yd.	.30		
Black Hawk	6	G. E. Sargent	Gravel, 1 mi. haul	2,700 cu. yd.	\$ 0.42	\$ 2,198.32	9-25-25
			Gravel, ½ mi. haul	10,604 units	.08		
			Stripping pit	1,000 cu. yd.	.20		
Black Hawk	7	O. H. Ehlinge & Co.	Gravel, 1 mi. haul	2,363 cu. yd.	\$ 0.36	\$ 1,294.48	9-23-25
			Gravel, ½ mi. haul	3,000 units	.095		
			Stripping pit	500 cu. yd.	.25		
Boone	5	Moody & Foster	Gravel, 1 mi. haul	900 cu. yd.	\$ 0.32	\$ 602.40	3-27-25
			Gravel, ½ mi. haul	4,800 units	.078		
Boone	22	Moody & Foster	Gravel, 1 mi. haul	3,000 cu. yd.	\$ 0.32	\$ 1,200.00	3-27-25
			Gravel, ½ mi. haul	4,500 units	.074		
Boone	31	H. R. Maudlin	Gravel, 1 mi. haul	5,100 cu. yd.	\$ 0.33	\$ 6,048.00	3-27-25
			Gravel, ½ mi. haul	60,900 units	.077		
Boone	30	W. D. Krull	Gravel, 1 mi. haul	7,875 cu. yd.	\$ 0.32	\$ 7,020.00	3-27-25
			Gravel, ½ mi. haul		.08		
Boone	40	Mike Munson	Gravel on road		\$ 0.275		
			Gravel, ½ mi. haul		.07		
Boone	52		Gravel on road		.275		
			Gravel, ½ mi. haul		.07		
Boone	54		Gravel on road		.30		
			Gravel, ½ mi. haul		.07		
			Stripping		.25		

SCHEDULE NO. 15—Continued

County	District Number	Contractor	Item	Estimated Quantity	Unit Price	Amount of Contract	Date of Approval
	85		Gravel on road.....		.30		
			Gravel, 1/2 mi. haul.....		.07	\$ 15,012.02	8-13-25
Boone.....	65	Moody and Foster.....	Gravel, 1 mi. haul.....	3,900 cu. yd.	\$ 0.32		
			Gravel, 1/2 mi. haul.....	28,300 units	.074	\$ 3,334.80	3-27-25
Boone.....	67	W. D. Krull.....	Gravel, 1 mi. haul.....	2,700 cu. yd.	\$ 0.32		
			Gravel, 1/2 mi. haul.....	19,900 units	.08	\$ 2,424.00	3-27-25
Boone.....	69	W. D. Krull.....	Gravel, 1 mi. haul.....	4,800 cu. yd.	\$ 0.32		
			Gravel, 1/2 mi. haul.....	26,400 units	.08	\$ 3,648.00	3-27-25
Boone.....	80	W. D. Krull.....	Gravel, 1 mi. haul.....	2,400 cu. yd.	\$ 0.32		
			Gravel, 1/2 mi. haul.....	20,200 units	.08	\$ 2,784.00	3-27-25
Boone.....	81	Moody & Foster.....	Gravel, 1 mi. haul.....	2,400 cu. yd.	\$ 0.32		
			Gravel, 1/2 mi. haul.....	20,400 units	.074	\$ 2,277.60	3-27-25
Boone.....	82	Moody & Foster.....	Gravel, 1 mi. haul.....	4,500 cu. yd.	\$ 0.32		
			Gravel, 1/2 mi. haul.....	42,750 units	.074	\$ 4,668.50	3-27-25
Boone.....	86	Moody & Foster.....	Gravel, 1 mi. haul.....	3,000 cu. yd.	\$ 0.32		
			Gravel, 1/2 mi. haul.....	13,300 units	.074	\$ 1,959.00	3-27-25
Boone.....	90	H. R. Maudlin.....	Gravel, 1 mi. haul.....	4,600 cu. yd.	\$ 0.29		
			Gravel, 1/2 mi. haul.....	29,250 units	.079	\$ 3,615.75	7- 3-25
Calhoun.....	5	A. B. Teepell.....	Gravel, 1 mi. haul.....	4,875 cu. yd.	\$ 0.36		
			Gravel, 1/2 mi. haul.....	7,810 units	.079		
			Stripping pit.....	300 cu. yd.	.25	\$ 2,969.99	7-11-25
Calhoun.....	28	A. R. Eno.....	Gravel, 1 mi. haul.....	2,700 cu. yd.	\$ 0.32		
			Gravel, 1/2 mi. haul.....	9,450 units	.08		
			Stripping pit.....	700 cu. yd.	.20	\$ 1,700.00	6- 3-25
Calhoun.....	30	A. R. Eno.....	Gravel, 1 mi. haul.....	2,700 cu. yd.	\$ 0.32		
			Gravel, 1/2 mi. haul.....	2,000 units	.08		
			Stripping pit.....	700 cu. yd.	.20	\$ 1,108.80	6- 2-25
Calhoun.....	15	A. R. Eno.....	Gravel, 1 mi. haul.....	2,700 cu. yd.	\$ 0.38		
Calhoun.....	47	A. B. Teepell.....	Gravel, 1/2 mi. haul.....	500 units	.68		
			Stripping pit.....	400 cu. yd.	.20	\$ 1,170.00	8-30-25
Calhoun.....	48	A. R. Eno.....	Gravel, 1 mi. haul.....	6,250 cu. yd.	\$ 0.35		
			Gravel, 1/2 mi. haul.....	61,925 units	.075	\$ 6,832.18	7-11-25
Calhoun.....	50	Vander Schaaf and Vander Stouwe.....	Stock piling gravel.....	2,000 cu. yd.	\$ 0.15		
			Gravel, 1 mi. haul.....	7,800 cu. yd.	.30		
			Gravel, 1/2 mi. haul.....	62,400 units	.075	\$ 7,220.00	9- 7-25
Calhoun.....	59	Vander Schaaf and Vander Stouwe.....	Gravel, 1 mi. haul.....	2,500 cu. yd.	\$ 0.22		
			Gravel, 1/2 mi. haul.....	9,000 units	.27		
			Stripping pit.....	1,500 cu. yd.	.25	\$ 5,029.80	9-21-25
Calhoun.....	55	A. R. Eno.....	Gravel, 1 mi. haul.....	2,700 cu. yd.	\$ 0.36		
			Gravel, 1/2 mi. haul.....	8,190 units	.08		
			Stripping pit.....	400 cu. yd.	.20	\$ 1,700.00	8-30-25
Calhoun.....	60	A. R. Eno.....	Gravel, 1 mi. haul.....	5,625 cu. yd.	\$ 0.29		
			Gravel, 1/2 mi. haul.....	22,000 units	.075		
			Stripping pit.....	1,000 cu. yd.	.20	\$ 4,481.25	8-26-25
Cerro Gordo.....		L. O. Kimball.....	Gravel on road.....	3,900 cu. yd.	\$ 0.60		
			Gravel, 1/2 mi. haul.....	9,000 units	.06		
			Stripping pit.....	2,000 cu. yd.	.24	\$ 2,970.00	6-15-25
Cerro Gordo.....	8	L. O. Kimball.....	Gravel on road.....	12,750 cu. yd.	\$ 0.60		
			Gravel, 1/2 mi. haul.....	67,250 units	.06		
			Stripping pit.....	3,800 cu. yd.	.24	\$ 10,722.00	7-31-25
Dallas.....	47	Kaiser Gravel Co.....	Gravel on road.....	9,000 cu. yd.	\$ 0.31		
			Gravel, 1/2 mi. haul.....	31,875 units	.07	\$ 5,021.25	6-27-25
Dallas.....	48	W. L. Joy & Son.....	Gravel, 1 mi. haul.....	4,200 cu. yd.	\$ 0.29		
			Gravel, 1/2 mi. haul.....	15,750 units	.08		
			Gravel, 1 mi. haul.....	6,750 cu. yd.	.30		
			Gravel, 1/2 mi. haul.....	16,875 units	.09	\$ 5,985.00	6- 8-25
Dallas.....	59	Howard Moody.....	Gravel, 1 mi. haul.....	2,190 cu. yd.	\$ 0.39		
			Gravel, 1/2 mi. haul.....	680 units	.06	\$ 916.20	10-16-25
Dickinson.....	13	Ullensvang Bros.....	Gravel, 1 mi. haul.....	8,500 cu. yd.	\$ 0.44		
			Gravel, 1/2 mi. haul.....	15,800 units	.085	\$ 5,068.00	7- 5-25
Emmet.....	9	Weaver and Weaver.....	Gravel, 1 mi. haul.....	3,500 cu. yd.	\$ 0.31		
			Gravel, 1/2 mi. haul.....	42,000 units	.078		
			Stripping pit.....	200 cu. yd.	.20	\$ 4,491.00	10-16-25
Emmet.....	21	Weaver and Weaver.....	Gravel, 1 mi. haul.....	2,000 cu. yd.	\$ 0.32		

SCHEDULE NO. 15—Continued

County	District Number	Contractor	Item	Estimated Quantity	Unit Price	Amount of Contract	Date of Approval
Floyd	1	O. H. Ehlinge & Co.	Gravel, 1/2 mi. haul.....	31,000 units	.075	\$ 3,005.00	11-16-25
			Stripping pit.....	300 cu. yd.	.30		
			Gravel, 1 mi. haul.....	9,545 cu. yd.	\$ 0.50		
Franklin	1	G. E. Sargent Co.	Gravel, 1/2 mi. haul.....	18,270 units	.085	\$ 6,335.45	10-22-25
			Gravel on road.....	1,375 cu. yd.	\$ 0.48		
Franklin	7	G. E. Sargent Co.	Gravel, 1/2 mi. haul.....	9,875 units	.078	\$ 1,670.25	3-28-25
			Gravel on road.....	3,350 cu. yd.	\$ 0.48		
Franklin	23	G. E. Sargent Co.	Gravel, 1/2 mi. haul.....	9,635 units	.078	\$ 2,392.49	3-28-25
			Gravel, 1 mi. haul.....	5,500 cu. yd.	\$ 0.45		
			Gravel, 1/2 mi. haul.....	20,442 units	.06		
Franklin	24	G. E. Sargent Co.	Stripping pit.....	1,000 cu. yd.	.25	\$ 4,609.78	5-13-25
			Gravel on road.....	2,450 cu. yd.	\$ 0.48		
Greene	14	N. E. Hendricks	Gravel, 1/2 mi. haul.....	7,350 units	.078	\$ 1,749.30	3-28-25
			Gravel, 1 mi. haul.....	2,200 cu. yd.	\$ 0.30		
Greene	14	Doleon & Anderson	Gravel, 1/2 mi. haul.....	8,300 units	.07	\$ 1,241.00	7-11-25
			Gravel, 1 mi. haul.....	3,300 cu. yd.	\$ 0.30		
Kossuth	44	Interstate Const. Co.	Gravel, 1/2 mi. haul.....	3,000 units	.09	\$ 1,512.00	7-11-25
			Gravel, 1 mi. haul.....	2,400 cu. yd.	\$ 0.32		
Kossuth	49	Interstate Const. Co.	Gravel, 1/2 mi. haul.....	6,000 units	.072	\$ 1,300.00	6-15-25
			Stripping pit.....	800 cu. yd.	.30		
			Gravel, 1 mi. haul.....	2,400 cu. yd.	\$ 0.31		
Kossuth	55	Interstate Const. Co.	Gravel, 1/2 mi. haul.....	8,400 units	.072	\$ 5,742.30	6-15-25
			Stripping pit.....	1,000 cu. yd.	.19		
			Gravel, 1 mi. haul.....	3,600 cu. yd.	.31		
			Gravel, 1/2 mi. haul.....	41,600 units	.07		
			Stripping pit.....	1,000 cu. yd.	.19		

Kossuth	62	J. W. Donnelly	Gravel, 1 mi. haul.....	4,500 cu. yd.	\$ 0.34	\$ 2,532.50	6-15-25
			Gravel, 1/2 mi. haul.....	7,500 units	.078		
			Stripping pit.....	800 cu. yd.	.22		
Lyon	4	Vander Schaaf and Vander Stouwe	Gravel, 1 mi. haul.....	7,300 cu. yd.	\$ 0.31	\$ 6,118.00	10- 5-25
			Gravel, 1/2 mi. haul.....	41,500 units	.07		
			Gravel stripping.....	5,000 cu. yd.	.19		
Lyon	17	Huff and Huff	Gravel on road.....	9,375 cu. yd.	\$ 0.50	\$ 9,387.50	4-27-25
			Gravel, 1/2 mi. haul.....	49,000 units	.08		
			Earth stripping.....	7,500 cu. yd.	.20		
O'Brien	4	Ullensvang Bros.	Gravel, 1 mi. haul.....	7,135 cu. yd.	\$ 0.35	\$ 5,579.46	9-25-25
			Gravel, 1/2 mi. haul.....	32,080 units	.073		
			Gravel stripping.....	3,000 cu. yd.	.18		
O'Brien	4	M. O. Weaver	Gravel, 1 mi. haul.....	16,350 cu. yd.	\$ 0.32	\$ 12,073.40	9-25-25
			Gravel, 1/2 mi. haul.....	86,280 units	.07		
			Gravel stripping.....	4,500 cu. yd.	.19		
Palo Alto	28	Brereton & Bauck	Gravel, 1 mi. haul.....	11,000 cu. yd.	\$ 0.38	\$ 6,280.00	8-18-25
			Gravel, 1/2 mi. haul.....	30,000 units	.07		
Palo Alto	29	Brereton & Bauck	Gravel, 1 mi. haul.....	5,000 cu. yd.	\$ 0.38	\$ 9,855.00	8-13-25
			Gravel, 1/2 mi. haul.....	6,500 units	.07		
			Stripping.....	2,500 cu. yd.	.20		
Palo Alto	33	Brereton & Bauck	Gravel, 1 mi. haul.....	2,500 cu. yd.	\$ 0.42	\$ 1,725.00	8-13-25
			Gravel, 1/2 mi. haul.....	9,000 units	.075		
Palo Alto	34	Brereton & Bauck	Gravel, 1 mi. haul.....	1,250 cu. yd.	\$ 0.40	\$ 672.50	8-13-25
			Gravel, 1/2 mi. haul.....	2,300 units	.075		
Palo Alto	35	Brereton & Bauck	Gravel, 1 mi. haul.....	4,500 cu. yd.	\$ 0.38	\$ 2,840.00	8-13-25
			Gravel, 1/2 mi. haul.....	9,000 units	.07		
			Stripping pit.....	2,800 cu. yd.	.20		
Palo Alto	39	Brereton & Bauck	Gravel, 1 mi. haul.....	1,600 cu. yd.	\$ 0.40	\$ 960.00	8-13-25
			Gravel, 1/2 mi. haul.....	7,000 units	\$ 0.08		
Story	10	Moore & Eldredge	Gravel, 1 mi. haul.....	7,500 cu. yd.	\$ 0.45	\$ 8,475.00	5-23-25
			Gravel, 1/2 mi. haul.....	63,750 units	.08		
Story	13-13 1/2	H. R. Mauldin	Gravel on road.....	6,750 cu. yd.	\$ 0.245	\$ 10,380.00	6-29-25
			Gravel, 1/2 mi. haul.....	134,500 units	.066		
Wright	25	Wildner and Wildner	Gravel, 1 mi. haul.....	3,600 cu. yd.	\$ 0.27	\$ 2,037.00	9-21-25
			Gravel, 1/2 mi. haul.....	14,400 units	.074		

SCHEDULE NO. 15—Continued

County	District Number	Contractor	Item	Estimated Quantity	Unit Price	Amount of Contract	Date of Approval
Wright	29	Wilder and Wilder	Gravel, 1 mi. haul. Gravel, 1/2 mi. haul.	4,400 cu. yd. 15,000 units	\$ 0.27 .074	\$ 2,308.00	9-21-25
Wright	32	Wilder and Wilder	Gravel, 1 mi. haul. Gravel, 1/2 mi. haul.	3,000 cu. yd. 20,200 units	\$ 0.27 .074	\$ 2,304.80	9-21-25
Wright	33	Wilder and Wilder	Gravel, 1 mi. haul. Gravel, 1/2 mi. haul.	2,000 cu. yd. 12,000 units	\$ 0.27 .074	\$ 1,516.40	9-21-25
Wright	36	Wilder and Wilder	Gravel, 1 mi. haul. Gravel, 1/2 mi. haul.	1,750 cu. yd. 5,250 units	\$ 0.27 .074	\$ 881.00	9-21-25

Total—63 Districts. Amount of Contracts Awarded \$294,833.37.

CHAPTER V

Department of Road Design

The work accomplished by this department in 1925 was practically the same as for 1924. As in the previous year, one seven-man survey party has provided the necessary field notes supplemented by the work of special parties in a few instances.

The force employed on road plans was slightly smaller than in 1924. One man was taken from the drafting force and placed in charge of the field survey party. In other instances vacancies made by resignation or transfer were not filled. This reduction in the force is reflected in the reduced output of plans.

Surveys.

Between December 1st, 1924 and December 1st, 1925, surveys were completed over 321 miles of the primary road system. Schedule 16 shows a list of projects over which surveys were completed. Prior to December 1, 1924, the total mileage of primary road surveys was 5,401 miles. The 1925 survey mileage added to this brings the grand total of primary road survey mileage to 5,722 miles. It should be explained that the annual mileage surveyed includes alternate routes which were later abandoned and also includes surveys of old projects, such resurveys being necessary for further improvements. The total survey mileage does not therefore represent a similar mileage of established primary roads.

Plans.

Between December 1, 1924, and December 1, 1925, plans were completed for 543.5 miles. Up to December 1, 1924, the total mileage of primary road plans was 6,584 miles. This added to the 1925 plan mileage brings the grand total of plan mileage to 7,127 miles. Like the survey mileage, and for the same reasons, the plan mileage does not represent so many miles of primary road. Many times plans are prepared for alternate lines which are later abandoned. Furthermore, plans for the surfacing of various projects are included in the list which may include certain roads for which grading plans have been prepared at some previous time. Schedule No. 17 shows a list of projects for which plans were completed in 1925. Schedule 18 shows a list of projects for which plans have been started but not completed.

Counties in Which Surveys Are Completed.

Schedule No. 19 shows a list of counties in which primary road surveys have been completed. It should be understood that additional surveys may from time to time be needed in these counties because of additions to or changes in the primary system or because of the need for further improvement or reconstruction.

Secondary Road Plans.

During 1925 plans were checked and approved for 26 secondary-primary projects for which the total mileage was 208.1 miles. A list of these projects appears under Schedule 20. Plans for secondary road work paid for wholly out of county funds are prepared by county engineers. These plans are checked and approved by district engineers, and a copy of all plans so approved is sent to the central office for filing.

SCHEDULE NO. 16

PROJECTS ON WHICH SURVEYS WERE COMPLETED DURING 1925

County	Project Number	Mileage
Benton	P-420	3.7
Benton	P-427	3.3
Boone	P-30	12.0
Butler	P-71	0.4
Cass	T-572	4.7
Cedar	P-57	2.2
Cherokee	T-584	1.1
Cherokee	P-411	2.5
Cherokee	P-411	0.5
Clinton	P-125	0.5
Clinton	T-578	23.0
Clinton	T-577	19.6
Clinton	T-580	8.2
Crawford	P-209	14.0
Crawford	T-591	7.0
Delaware	P-249	20.2
Fayette	P-144-B	9.7
Floyd	P-429	3.6
Franklin	P-212-B	0.3
Freemont	P-84	1.4
Greene	P-153-B	1.0
Greene	P-324	15.0
Harrison	P-214	0.5
Henry	P-408	0.6
Henry	P-219	0.2
Ida	T-583	2.7
Iowa	P-91	0.8
Jones	P-265	3.4
Linn	P-96	13.0
Linn	P-22	13.6
Linn	P-225	2.2
Linn	P-229	3.7
Linn	P-239	13.0
Linn	P-221	3.5
Linn	P-255	9.0
Linn	P-221	0.5
Linn	T-569	6.2
Madison	P-403	3.5
Madison	T-573	5.5
Marshall	P-409	4.5

SCHEDULE NO. 16—Continued

County	Project Number	Mileage
Marion	P-230	2.0
Montgomery	P-65	2.0
O'Brien	P-247	5.0
Plymouth	P-353	4.0
Plymouth	P-38	4.5
Plymouth	P-74	6.0
Polk	P-418	3.2
Pottawattamie	P-400	0.7
Pottawattamie	T-574	5.3
Scott	P-55	1.5
Scott	P-55	7.0
Shelby	P-154	14.4
Story	P-407	2.0
Story	P-430	1.5
Tama	T-551	0.7
Tama	P-309	0.6
Wapelle	P-245	16.5
Woodbury	P-234	1.9
Woodbury	T-582	7.6
Van Buren	P-222	1.0
Winnebago	P-397	1.9

SCHEDULE NO. 17

PROJECTS ON WHICH PLANS WERE COMPLETED IN 1925

County	Project Number	Miles	Remarks
Adams	P-237	6.1	
Appanoose	P-229	5.4	
Appanoose	P-239	.3	Revision
Audubon	P-52	.9	Revision
Benton	P-223	10.2	
Benton	P-251	0.2	
Boone	P-30	12.1	
Boone	P-30	.5	Revision
Bremser	P-421	4.2	Gravel
Bremser	P-422	5.2	Gravel
Buchanan	P-5	1.4	Revision
Butler	P-71	.5	Extension
Butler	P-500B	4.8	
Cass	P-440	1.0	
Cedar	P-457	.2	
Cherokee	P-411	2.5	Including alternates
Cherokee	P-415	5.0	Gravel
Chickasaw	P-199	.5	Revision
Chickasaw	P-53	.6	Extension
Clarke	P-241A	5.4	
Clay	P-420	2.1	Gravel
Clayton	P-156	14.4	Gravel
Clayton	P-439	7.9	Gravel
Clinton	P-434	.3	
Crawford	P-223	14.9	Including alternates
Davis	P-200	.2	Revision
Decatur	P-319	.7	Extension
Emmet	P-310A	1.0	
Fayette	P-373	15.5	Gravel
Franklin	P-212B	.3	
Franklin	P-414	5.1	Gravel
Greene	P-163A	4.1	
Greene	P-163A	4.1	Gravel
Greene	P-324B	11.8	
Grundy	P-417	23.2	Gravel
Hamilton	P-5	.5	
Harrison	P-423	.5	
Henry	P-219	10.0	

SCHEDULE NO. 17—Continued

County	Project Number	Miles	Remarks
Henry	P-108	.6	
Ia	P-213B	1.4	
Iowa	P-99	.2	Revision
Iowa	P-99	.8	Ladora Extension
Iowa	P-99	26.3	Gravel
Jackson	P-143	1.5	Revision
Jefferson	P-7	.6	Revision
Johnson	SUB-6A	.6	
Jones	F-234I	3.7	
Keokuk	P-34	.1	Extension
Lee	P-363	.8	
Linn	P-56	15.7	
Linn	P-96	7.2	Revision
Linn	F-224	11.4	
Linn	F-225	7.9	
Linn	F-229	13.4	
Linn	F-229	.2	Revision
Linn	F-230	13.1	
Louis	F-220	6.6	
Lucas	F-223	4.6	
Madison	F-169	6.3	Alternate
Jones	P-266A	7.9	
Madison	P-236	8.8	
Madison	P-8	2.1	
Marion	F-231	7.0	
Marion	F-231	.5	Alternate
Marion	F-234A	7.8	
Marshall	P-465	4.4	
Marshall	P-442	.7	
Monona	P-38A	31.9	Including alternates
Monroe	P-240	9.9	
Montgomery	F-228A	7.9	
Montgomery	B-142B	.6	
O'Brien	P-247	5.9	
O'Brien	P-413	14.1	
O'Brien	P-432	15.5	Gravel
Palo Alto	P-110	12.6	Gravel
Polk	P-216	9.9	
Polk	P-418	2.7	
Pottawattamie	P-21C	.7	Revision
Pottawattamie	P-409	.7	
Poweshiek	P-41	3.0	
Poweshiek	P-416	12.3	Gravel
Scott	P-220	22.0	Including alternates
Scott	P-221	9.8	
Scott	P-290	1.0	
Scott	P-405	1.4	
Sioux	P-291	2.8	Gravel
Story	P-407	1.1	
Story	P-430	1.5	
Tama	P-309	1.6	
Tama	P-428	6.8	Gravel
Union	P-440	2.0	
Van Buren	P-222	20.3	
Wayne	P-227	39.0	Including alternates
Webster	P-183A	5.0	Gravel
Webster	P-184E	4.1	
Webster	P-389	8.0	
Webster	P-6	2.6	
Winnebago	P-207	2.8	
Woodbury	F-224	7.1	
Woodbury	P-433	6.8	
Worth	P-82	12.9	
Worth	P-7	1.6	
Wright	P-387D	3.0	
Totals	108 Jobs	630.9 Miles	

SCHEDULE NO. 18

PROJECT ON WHICH PLANS WERE IN PROGRESS BUT NOT COMPLETED

County	Project Number	Total Length	Miles Completed
Adair	P-208	4.6	2.7
Allamakee	P-156	12.5	8.7
Allamakee	P-158	6.5	4.2
Audubon	P-235	8.5	3.2
Butler	P-293A	9.1	4.3
Cass	F-44	3.4	2.9
Cerro Gordo	P-89	3.5	4.1
Dallas	P-231	7.5	5.2
Des Moines	P-168	16.0	9.6
Dickinson	P-23AB	4.0	2.8
Fayette	P-144B	.7	.5
Fayette	P-144C	8.8	6.1
Fayette	F-168	13.6	9.5
Fremont	F-225	12.9	10.5
Greene	P-324	4.0	2.0
Guthrie	P-52	14.0	9.8
Guthrie	F-51B	8.9	3.6
Howard	P-163D	9.9	4.5
Iowa	P-139BD	7.7	12.4
Iowa	P-215	10.7	7.5
Jones	F-234C	6.4	4.5
Keokuk	P-246EF	11.5	4.6
Keokuk	T-588	4.0	2.0
Kossuth	P-60	10.5	7.3
Lee	P-149BC	22.9	13.2
Linn	P-443	6.1	6.0
Linn	P-230	6.3	6.0
Linn	F-255	6.8	6.6
Linn	T-569	7.0	3.0
Mahaska	P-287	6.5	2.6
Mills	F-220	8.0	5.6
Montgomery	F-238	11.0	7.7
Page	P-264	11.0	7.7
Plymouth	P-189	5.3	6.9
Plymouth	T-515	24.0	16.8
Tama	T-331	11.9	9.4
Taylor	T-547	6.2	3.1
Wapello	P-236	16.4	9.8
Warren	T-548	14.5	8.7
Washington	F-167D	5.6	3.9
Winnebago	F-98F	1.1	.8
Woodbury	F-2	15.9	9.5
Wright	P-387	9.3	6.5
Totals	43 Jobs	495.5	299.4

SCHEDULE NO. 19

COUNTIES IN WHICH SURVEYS ARE COMPLETED

Adams	Fayette	Palo Alto
Black Hawk	Franklin	Plymouth
Buena Vista	Grundy	Pocahontas
Butler	Hamilton	Polk
Calhoun	Hancock	Sac
Carroll	Hardin	Scott
Cedar	Henry	Shelby
Cerro Gordo	Howard	Sioux
Cherokee	Humboldt	Story
Chickasaw	Ida	Tama
Clay	Jefferson	Taylor
Clinton	Jones	Van Buren
Dallas	Kossuth	Wapello
Davis	Lyon	Webster
Delaware	Monona	Winnebago
Dickinson	Osceola	Worth
Emmet	Page	

SCHEDULE NO. 20

PRIMARY-SECONDARY PROJECTS CHECKED AND APPROVED IN 1925

County	Project Number	Mileage
Buena Vista	27	9.80
Buena Vista	29	8.50
Buena Vista	29	9.07
Calhoun	32	5.07
Calhoun	34	12.28
Calhoun	54	3.55
Calhoun	55	4.11
Clay	46	6.06
Dickinson	59	8.91
Dickinson	51	4.22
Dickinson	52	6.00
Dickinson	53	5.00
Franklin	40	5.00
Hancock	15	8.15
Hancock	45	4.95
Hancock	44	10.11
Humboldt	21	14.25
Kossuth	12B	4.50
Kossuth	31	17.00
Kossuth	22	6.50
Marshall	47AB	13.20
Marshall	48	4.22
Pocahontas	20	22.14
Sac	19	4.05
Sac	41	5.95
Sac	42	5.64
Total		208.12

CHAPTER VI

Construction Department

Conditions Affecting Construction.

Construction operations for the last two months of the season were seriously delayed on account of bad weather conditions. From September 15 until October 30 there was so much rainfall that little could be done. Four counties were carrying on paving operations. Had conditions been normal all pavement would easily have been completed by cold weather. As it is, there are from one to two miles left unfinished in each county. There was no shortage of labor or materials. The scale of wages paid was slightly less than in previous years.

During 1924, 459,73 miles were graded, involving the moving of 6,336,983 cubic yards of earth.

During 1925, 330,29 miles were graded, involving the moving of 4,869,442 cubic yards of earth.

In addition to this, secondary roads were graded, involving the moving of 1,034,682 cubic yards of earth.

The total mileage of primary and secondary roads graded from primary road funds was 484.69. The total yardage of earth moved was 5,904,124 cubic yards.

Construction Work Carried Over Into 1925.

On December 1, 1924, construction work was under way on eighty-seven projects located in sixty-two counties. These projects included the following uncompleted work:

Paving	1.50 Miles
Graveling	24.33 Miles
Grading	49.50 Miles
Tilling	164,077 Lin. Ft.
Bridges and Culverts	186 Structures

Work on these projects was continued in 1925 and practically completed and the projects retired.

Construction Work Completed During 1925.

During 1925 the following construction work was completed on Federal Aid and Primary Road projects:

Paving	61.97 Miles
Graveling	285.97 Miles
Grading	330.29 Miles
Tilling	435,590 Lin. Ft.
Bridges and Culverts	900
Guard Rail	234,040 Lin. Ft.

Construction Work Carried Over Into 1926.

On December 1, 1925, construction work was under way on sixty-seven projects located in forty-six counties. These projects included the following uncompleted work:

Paving	21.65 Miles
Graveling	61.72 Miles
Grading	109.90 Miles
Tilling	29,424 Lin. Ft.
Bridges and Culverts	243

This work in being carried over into 1926.

Projects Completed and Retired.

There have been completed and retired to date four hundred forty-six Federal Aid and Primary Road projects. Of this number three hundred sixty-five were completed prior to 1925 and eighty-one were completed and retired in 1925. (Refer to Schedule 22.)

Projects Ready to Be Retired.

On thirty-two projects which are still carried on the active list, all the actual work of construction which has been contracted for to date has been finished, and the projects will either be accepted and retired early in 1926 or will be enlarged by the addition of other sections. (Refer to Schedule 23.)

City Paving Projects.

Sections 4731 to 4736 and 6044 to 6049 of the Code of 1924 provide for paving on extensions of primary roads within cities. Under this law during 1925, four projects were undertaken. Of these three were completed and of the other one 11.3 per cent was completed, the remainder of the work being impossible because of inclement weather late in the fall. The work done is equivalent to 3.87 miles of eighteen foot pavement. (Refer to Schedule 24.)

Storage and Equipment.

Previous reports have described the buildings erected for the purpose of furnishing storage for equipment furnished by the Federal Government.

No additional buildings have been necessary. On the other hand, one of these storage sheds has been partially converted into a laboratory for the Testing Department.

As in other years, many trucks and tractors have been repaired for the various counties of the state. A large number of these trucks and tractors had been assigned to the counties in former years and returned to our shops for overhauling. The actual cost of all such repairs has been paid by the counties.

Assignment of Government Equipment.

During the year, Government equipment has been distributed as follows:

Three tractors valued at.....	\$ 3,000.00
Twenty-five trucks valued at.....	12,500.00
Rolling stock valued at.....	100.00
Small tools valued at.....	3,303.05
General supplies valued at.....	1,928.60
Total	\$20,831.65

This equipment has been assigned to the various counties and state departments as follows: (See Schedule 26.)

To Counties:

Three tractors valued at.....	\$ 3,000.00
Twenty-five trucks valued at.....	12,500.00
Rolling stock valued at.....	50.00
Small tools valued at.....	2,823.90
General supplies valued at.....	1,428.77
Total	\$19,802.67

To State Board of Conservation:

Rolling stock valued at.....	\$ 50.00
Small tools valued at.....	445.65
General supplies valued at.....	481.83
Total	\$ 977.48

To State Board of Control and State Board of Education:

Small tools valued at.....	\$ 33.50
General supplies valued at.....	18.00
Total	\$ 51.50
Grand Total	\$20,831.65

Government Equipment Received.

During 1925 Iowa received from the Federal Government equipment valued at \$24,395.26. (See Schedule 27.) This equipment

SCHEDULE NO. 21—Continued

County	Project Number	Tiling		Guard Rail		Grading		Graveling		Paving		Percent Completed
		Lineal Feet	Lineal Feet	Miles	Cubic Yards	Miles	Cubic Yards	Miles	Square Yards			
Davis	P-209				24,445							100
Decatur	P-122		1,736	.06	49,093							100
Decatur	P-319		1,220	2.40	35,652							100
Dickinson	P-23	2,500		.07	5,080							85
Dickinson	P-23	6,620		.18	3,017							100
Dickinson	P-268			.77	8,645	2.17	3,380					100
Emmet	PP-391	9,963		.85	9,003							75
Emmet	P-361		6,300					2.05	3,473			100
Fayette	P-341	874		1.29	8,763							61
Fayette	P-373				4,903	15.38	27,067					100
Floyd	P-208		9,376			6.22	9,708					100
Floyd	P-229		4,750			4.83	7,528					100
Franklin	P-212	1,998		1.07	16,129	4.12	6,674					100
Franklin	P-414	4,657				5.12	5,818					100
Franklin	P-361											100
Freemont	P-136		1,443	.53	11,350							100
Greene	P-303			.07								100
Greene	P-153	5,000		4.12	42,494							88
Greene	P-334	74,000		10.00	86,327	1.30	2,000					86
Grundy	P-417					23.27	37,721					100
Hamilton	P-217	3,000			1,000	4.11	6,565					100
Hamilton	P-218				1,900	3.97	6,404					100
Hancock	F-195	1,670										100
Hardin	P-88	1,600	1,640					.44	385			100
Hardin	P-331		1,470									100
Harrison	F-288			10.44	236,773							85
Harrison	P-214			1.50	64,905							100
Harrison	P-423			.02	1,433					.45	4,093	84
Henry	P-151	5,737	7,984	.60	53,589							92
Henry	P-408			.03								100
Howard	F-180			5.11	56,252	5.02	3,778					100
Howard	P-103	4,597										100
Ida	P-348				3,000	1.80	3,200					22
Ida	P-213			9.59	133,079							100
Ida	P-379			.50								100
Iowa	F-90	2,241	3,712	2.43	50,721	6.14	6,664					50
Iowa	F-194		1,970	1.32	73,784							100
Jasper	F-64			.34	14,373							100
Jefferson	F-3			.36	4,600							44
Johnson	P-311			3.82	91,422							76
Johnson	P-307		10,200		2,825							100
Jones	F-167	5,072	10,940	3.56	75,388							100
Jones	F-86		950									100
Kossuth	P-6		1,070									100
Kooken	P-346	66,367		6.53	80,600							89
Lee	P-303			.46	39,000							45
Linn	F-96			12.62	56,425			9.95	165,512			45
Linn	F-224	6,036		8.80	85,272							81
Linn	P-225	22,586		5.33	106,500							82
Linn	P-239			4.10	49,465							36
Lucas	P-223			1.39	80,000							95
Lyon	P-229		11,592	.70	5,332							100
Lyon	P-388					1.83	3,013					100
Lyon	P-146		3,992									100
Lyon	F-110		6,624									100
Lyon	P-85		9,960									100
Marion	P-231			6.56	108,600					20.04	227,642	94
Marshall	P-340			10.22	96,744	8.76	14,011					100
Marshall	P-356						6,256					100
Marshall	P-409			4.45	36,743	2.97	4,445					100
Marshall	F-138	7,747		2.92	35,994	9.77	8,979					100
Monona	F-38			8.57	108,564							73
Monona	F-184		5,580									100
Muscatine	P-295	7,435		11.56	156,508							100
Muscatine	P-369					1.43	2,000					28
O'Brien	P-335			3.27	32,370							100
O'Brien	P-410	6,300		7.53	41,770							100
O'Brien	P-433				10,500	14.14	23,754					100
O'Brien	P-432				14,500	15.50	32,796					100
Page	P-27			.25	13,000							80
Palo Alto	F-109			.13	940					.13	1,333	100
Palo Alto	P-219	9,532				2.00	2,165					100
Palo Alto	P-356					6.41	5,405					100
Palo Alto	F-419					13.13	29,862					100
Pocahontas	P-339	98,025										100
Polk	F-306		5,383	.54								100
Polk	P-199			.13	7,500					.13	1,557	100
Polk	F-213	2,780		7.22	42,000			7.22		86,137		100
Polk	F-216			9.37	56,646			9.37		110,217		95
Polk	F-229			.13						1,720		100
Polk	P-322					1.02	1,020					100
Polk	P-418	2,060		2.21	29,700					1.51	17,759	61
Pottawattamie	P-21			.02	28,720							73
Pottawattamie	P-22			.17	9,300							100
Pottawattamie	P-40			.58	5,850							15

SCHEDULE NO. 22

PROJECTS COMPLETED AND RETIRED
DECEMBER 1, 1924—DECEMBER 1, 1925

SCHEDULE NO. 21—Continued

County	Project Number	Tiling Linear Feet	Guard Rail Linear Feet	Grading		Paving		Percent Com- pleted
				Miles	Cubic Yards	Miles	Square Yards	
Poweshiek	P-41			5.34	137,230			100
Poweshiek	P-416							100
Scott	P-124			1.09	24,000			100
Scott	P-390			6.71	107,500			100
Scott	P-217			5.66	15,700	0.66	91,004	84
Scott	P-221			7.49	25,000	5.32	85,388	60
Shelby	P-47			7.9	75,751			100
Stout	P-301	21,927				0.25	14,958	100
Tama	P-300			2.08	30,000			51
Tama	P-428			5.06	105,439	6.78	7,293	88
Union	P-190			2.89	101,000	.39	1,123	100
Union	P-402					4.60	7,512	100
Warren	P-321				8,478			100
Warren	P-176		8,830	2.56	71,968	5.92	8,329	100
Washer	P-183			5.41	43,451			100
Washer	P-188			7.00	4,960			100
Winneshiek	P-120			13.31	141,316			100
Winneshiek	P-177	11,360		1.28	11,910		700	48
Winneshiek	P-121	5,126	15,068	2.19	42,000			100
Woodbury	P-95			1.40	62,100			33
Worth	P-216			2.00	31,280	2.00	3,000	100
Wright	P-387							95
Wright	P-200		1,580					100
Wright	P-199		3,002					100
Totals		431,788	231,040	520.29	4,569,412	282.87	413,931	690,600

County	Number of Project	Mileage	Nature of Work
Black Hawk	P-359	11.14	Grading, draining, graveling
Black Hawk	P-351*	5.90	Graveling
Bremner	P-377	4.04	Grading, draining
Bremner	P-421	4.26	Graveling
Bremner	P-422	5.17	Graveling
Buchanan	P-5	14.13	Grading, draining, paving
Buena Vista	P-49	3.75	Grading, draining, graveling
Butler	P-167	16.02	Grading, draining, graveling
Butler	P-371	1.64	Grading, draining, graveling
Butler	P-71*	.46	Grading
Butler	P-71*		Grading
Calhoun	P-360	1.14	Grading, draining, graveling
Carroll	P-362	1.88	Graveling
Carroll	P-398	.82	Graveling
Cherokee	P-151*	7.27	Grading, draining
Cherokee	P-262	4.00	Grading
Chickasaw	P-415	10.41	Graveling
Chickasaw	P-177	11.59	Grading, draining, graveling
Chickasaw	F-76*	1.35	Grading
Clay	P-32	2.00	Grading
Clay	P-259	4.54	Grading, draining
Clay	P-49	2.06	Graveling
Clayton	F-74	32.13	Grading, draining, graveling
Clinton	F-204	14.33	Grading, paving
Crawford	P-151*	.68	Graveling
Crawford	P-288	13.67	Grading, graveling
Crawford	P-395	.73	Grading, graveling
Crawford	P-389	13.47	Grading, draining, graveling
Dallas	P-250	8.93	Grading, draining, graveling
Davis	F-158	14.36	Grading
Davis	F-153	13.18	Grading, draining
Decatur	F-122*	.36	Grading
Decatur	P-310	5.40	Grading
Delaware	P-236	21.06	Grading, draining, graveling
Dickinson	P-368	2.58	Grading, draining, graveling
Dubuoque	F-148	18.24	Grading, draining
Emmet	P-301*	2.05	Graveling
Fayette	P-146*	2.02	Graveling
Fayette	P-383	6.36	Graveling
Fayette	P-373	15.38	Graveling
Floyd	P-268	0.22	Grading, draining, graveling
Floyd	P-299	4.83	Grading, draining, graveling
Franklin	P-261		Draining
Franklin	P-411	5.12	Graveling
Fremont	P-136	.53	Grading
Greene	F-89*	.95	Grading, draining, paving
Grundy	P-203	16.67	Grading, draining, paving
Grundy	P-374	9.97	Graveling
Grundy	P-417	23.27	Graveling
Hamilton	P-217*	4.11	Draining, graveling
Hancock	F-195	11.07	Grading, draining
Hardin	P-139	22.50	Grading, draining, graveling
Hardin	F-88	55.88	Grading, draining, graveling
Hardin	P-251	.42	Grading
Harrison	F-214	9.69	Grading
Hamilton	P-218	3.97	Graveling
Ida	P-379	13.38	Graveling
Jasper	P-180*	4.65	Graveling
Jasper	P-64*	2.56	Grading
Jefferson	P-220	21.51	Grading, draining
Johnson	P-307	20.35	Grading
Kossuth	F-191	15.42	Grading, draining
Louisa	F-6*	1.49	Grading, graveling
Louisa	P-75	9.95	Grading, draining
Louisa	P-179	7.00	Grading, draining
Lyon	P-388	15.23	Graveling
Mahaska	F-70	27.47	Grading, draining
Mahaska	P-146	13.25	Grading, draining
Marion	P-309	2.79	Grading, draining
Marshall	P-356	8.39	Graveling

SCHEDULE NO. 22—Continued

County	Number of Project	Mileage	Nature of Work
Marshall	P-240*	8.76	Graveling
Marshall	P-499	4.45	Grading, graveling
Monroe	P-75*	2.00	Grading
Muscatine	P-265	11.56	Grading, draining
O'Brien	P-60*	7.53	Grading, draining
O'Brien	P-235	13.80	Grading, draining
O'Brien	P-413	14.14	Graveling
Palo Alto	P-340	11.23	Graveling, draining
Palo Alto	P-383	11.91	Graveling
Palo Alto	P-219	14.61	Grading, draining, graveling
Palo Alto	F-109*	.13	Grading, paving
Palo Alto	P-419	13.13	Graveling
Pocahontas	P-329*	.50	Draining, graveling
Polk	P-372*	1.02	Graveling
Polk	F-296	10.54	Grading, draining, paving
Polk	F-239	1.50	Grading, draining, paving
Pottawattamie	P-378	.32	Grading, paving
Pottawattamie	P-22*	.57	Grading
Potosi	P-41*	5.34	Grading
Scott	P-154*	8.25	Grading, draining
Scott	P-350	9.79	Grading
Shelby	P-207	9.84	Grading
Shelby	F-42*	.62	Grading
Sioux	P-223	16.23	Grading
Sioux	P-291	16.68	Graveling
Taylor	F-196	9.91	Grading
Union	P-402	4.60	Graveling
Union	P-376	2.80	Grading
Van Buren	P-382	13.16	Graveling
Van Buren	F-165	19.27	Grading, draining
Warren	P-44*	.57	Graveling
Warren	P-321	3.90	Grading
Warren	P-176	2.56	Grading
Washington	F-167	16.35	Grading, draining
Washington	F-182	5.08	Grading, draining
Webster	P-183*	5.02	Graveling
Winneshago	P-129*	1.00	Grading
Winneshiek	P-121	18.39	Grading, draining
Winneshiek	P-124	1.28	Grading, draining
Winneshiek	P-177	13.31	Grading, draining

Note: Projects marked thus * are extensions to projects previously completed and retired.

SCHEDULE NO. 23

PROJECTS READY TO BE RETIRED

County	Number of Project	Mileage	Nature of Work
Butler	P-267	7.38	Grading, draining, graveling
Butler	P-299	4.77	Grading, draining
Cass	F-44	6.60	Grading
Cedar	F-57	15.64	Grading, draining
Cherokee	P-562	4.50	Grading, graveling
Chickasaw	P-100	5.02	Grading, draining
Clayton	F-74*	13.62	Graveling
Dallas	P-259*	.38	Grading
Franklin	P-212	4.12	Grading, draining, graveling
Henry	P-408	.62	Grading
Howard	P-103	12.95	Grading, draining, graveling
Howard	F-190	10.14	Grading, draining, graveling
Iowa	P-213	9.50	Grading
Ida	F-194	1.52	Grading
Jones	F-163	19.85	Grading, draining
Lyon	P-229	15.55	Grading, draining
Marion	F-231	6.50	Grading
MITchell	P-138	22.59	Grading, draining, graveling
Monona	P-184	23.69	Grading
O'Brien	P-432	15.50	Graveling
Page	F-137	12.31	Grading
Page	F-178	16.30	Grading
Plymouth	P-39	19.50	Grading
Polk	F-159	2.50	Grading, draining, paving
Polk	F-215	7.22	Grading, draining, paving
Polk	F-216	9.37	Grading, draining, paving
Poweshiek	P-416	13.23	Graveling
Tama	P-276	15.00	Grading and draining
Tama	F-428	6.78	Graveling
Webster	P-380	5.61	Grading
Woodbury	F-2	112.23	Grading, draining, paving
Worth	P-216	29.53	Grading, draining, graveling
Worth	P-82	11.88	Grading
Wright	P-387	2.00	Grading, graveling

Note: Projects marked thus * are extensions to projects previously completed and retired.

SCHEDULE NO. 24

CITY PRIMARY ROAD PAVING PROJECTS

County	City	Project Number	Miles in Project	Miles Completed	Square Yards in Project	Square Yards Completed	Date Completed
Clayton	Elkader	C-35	0.39	0.39	4,750	4,750	1925
Johnson	Iowa City	C-34	0.82	0.82	4,375	4,375	1925
Marshall	Marshalltown	C-36	0.90	0.90	16,000	16,000	1925
Wapello	Ottumwa	C-28	0.82	0.60	15,748	1,780	Unfinished
Totals		4	2.93	2.20	40,873	26,905	

Note: This equals 3.87 miles of paving 18 feet wide.

SCHEDULE NO. 25
SECONDARY-PRIMARY PROJECTS
DECEMBER 1, 1924-DECEMBER 1, 1925

County	Project Number	Tiling	Guard Rail	Grading		Graveling		Percent Completed
		Lineal Feet	Feet	Miles	Cubic Yards	Miles	Cubic Yards	
*Buena Vista	S-10				3,300			100
*Buena Vista	S-11				5,836	11.53	17,250	100
*Buena Vista	S-37			8.50	32,077	8.99	19,500	100
Buena Vista	S-28			8.50	39,029			100
Buena Vista	S-29			9.00	41,000			100
Calhoun	S-33			5.00	36,138			100
Calhoun	S-34			12.00	86,242			100
Calhoun	S-35				37,300	8.00	15,287	100
Calhoun	S-36					10.50	15,750	100
Calhoun	S-37				1,300	3.00	4,803	100
†Calhoun	S-54							
†Calhoun	S-55							
Clay	S-46			1.80	15,000			37
Dickinson	S-30					8.50	8,912	100
†Dickinson	S-51							
†Dickinson	S-52							
Dickinson	S-53					2.50	2,500	50
*Emmet	S-2		900		320	5.21	2,193	100
*Emmet	S-3				1,000	6.14	2,678	100
*Emmet	S-4					3.50	1,757	100
*Emmet	S-5				300	2.03	1,307	100
*Emmet	S-6				75	.92	366	100
*Emmet	S-7		800		300	4.86	2,475	100
*Emmet	S-23	6,700		4.00	27,278			100
*Emmet	S-24			4.00	26,378			100
*Emmet	S-25	13,429	640	5.00	51,787			100
*Franklin	S-16					12.22	18,948	100
Franklin	S-40			5.00	29,355			100
Hancock	S-18	34,500		8.10	87,630			100
Hancock	S-44	2,000		5.40	29,000			54
Hancock	S-45	3,200		5.00	39,497			100
Humboldt	S-21			4.75	33,154	9.00	14,000	100
Humboldt	S-49					9.75	9,750	100
*Kossuth	S-12			4.50	46,008	16.05	24,000	100
*Kossuth	S-15					14.86	21,150	100
Kossuth	S-30				3,000	7.00	9,000	100
Kossuth	S-31			17.00	104,356			100
Kossuth	S-32			5.28	37,000			81
†Marshall	S-47					9.75	10,320	74
†Marshall	S-48			4.22	24,000	1.22	1,800	80
*Oaccola	S-9			4.75	29,839	7.50	12,194	100
Oaccola	S-22			7.64	45,715			100
Oaccola	S-43			1.33	9,000			38
Pocahontas	S-20			21.90	123,479			99
Sac	S-19			1.75	15,000			39
†Sac	S-41							
†Sac	S-42							
Totals	47	67,736	2,460	154.40	1,035,682	164.12	298,219	

*Second coat of gravel—Full credit on mileage taken in 1924.

†Gravel at 1000 cu. yds. per mile.

‡Not yet started.

SCHEDULE NO. 26
 DETAIL OF ASSIGNMENT OF GOVERNMENT EQUIPMENT
 DECEMBER 1, 1924—DECEMBER 1, 1925

County	Tractors		Trucks		Rolling Stock	Small Tools	General Supplies	Total
	Number	Value	Number	Value				
Adair.....							.75	.75
Appanoose.....	1	\$ 1,000.00				\$ 106.30	53.00	1,159.20
Benton.....						13.30	21.50	152.80
Black Hawk.....			2	\$ 1,000.00			4.00	1,004.00
Bremner.....						38.80	21.00	49.80
Buchanan.....						173.45	53.90	227.35
Butler.....						133.90	55.40	194.30
Calhoun.....			2	1,000.00		38.65	10.50	1,049.15
Cherokee.....						40.55	5.00	45.55
Chickasaw.....						143.40	45.50	194.90
Clarke.....						6.00	3.00	9.00
Crawford.....							23.00	23.00
Dallas.....			1	500.00		1.60		501.60
Des Moines.....			1	500.00		45.10	40.50	585.00
Dickinson.....			1	500.00		30.50	33.30	563.30
Dubnque.....						29.70	23.80	53.50
Emmet.....					50.00		20.00	70.00
Franklin.....							11.25	11.25
Greene.....						54.20	5.00	59.20
Grundy.....			1	500.00		7.50	3.50	511.00
Guthrie.....			2	1,000.00		280.45	65.60	1,344.05
Hamilton.....			1	500.00			3.50	503.50
Hancock.....						45.55	3.50	82.05
Hardin.....			6	3,000.00		53.00		3,053.00
Henry.....						301.30	76.60	437.90
Jefferson.....						12.70	3.70	16.40
Kossuth.....						87.40	7.00	94.40
Linn.....							33.20	33.20
Lucas.....						75.15	31.50	106.65
Lyon.....							3.60	3.60
Mahaska.....	1	1,000.00						1,000.00
Marshall.....						16.00	275.00	291.00
Mitchell.....			1	500.00				500.00
Montgomery.....			1	500.00				500.00
Osceola.....	1	1,000.00				7.35	2.50	1,009.85
Palo Alto.....								
Plymouth.....								
Pocahontas.....							3.60	3.60
Polk.....			1	500.00		55.60	21.54	77.14
Pottawattamie.....						34.00	24.90	589.90
Poweshiek.....			2	1,000.00		47.95	7.50	1,055.45
Sac.....						139.35	165.90	296.25
Shelby.....			1	500.00		84.50	57.08	641.58
Story.....						15.75	7.75	23.50
Van Buren.....						67.50	11.30	78.80
Wapello.....			1	500.00		43.30	29.50	372.80
Washington.....			1	500.00		126.85	18.80	645.65
Wayne.....						127.90	82.10	210.00
Webster.....						6.20		6.20
Winnebago.....			1	500.00		78.90	17.80	596.70
Woodbury.....						43.25	25.30	68.55
Worth.....						10.00		10.00
Park Commission.....					50.00	445.65	451.83	977.48
State Institutions.....						3.50	18.00	21.50
Iowa State College.....						30.00		30.00
Totals.....	3	\$ 3,000.00	25	\$ 12,500.00	\$ 100.00	\$ 3,303.05	\$ 1,928.60	\$ 20,831.65

Note: Sixty (60) trucks and four (4) tractors were surrendered by the Counties during the period covering this statement.

SCHEDULE NO. 27

GOVERNMENT EQUIPMENT RECEIVED
DECEMBER 1, 1924—DECEMBER 1, 1925

Description	Value
Machinery, lathes, etc.....	\$ 740.00
Trucks and tractors.....	21,100.00
Repair parts for cars and trucks.....	447.00
Steel and iron.....	25.00
Motors.....	61.00
Small tools.....	1,091.26
Miscellaneous.....	328.00
Total.....	\$ 24,895.26

SCHEDULE NO. 28
BRIDGES AND CULVERTS CONSTRUCTED
DECEMBER 1, 1924—DECEMBER 1, 1925

County	Project number	Number of Structures in Project										Total	Per cent completed	Number of structures completed prior to 1925	Number of structures completed in 1925	Number of structures completed to date	
		Concrete culverts (Box, etc., arch and pipe)	Headwalls and culverts lengthened	Slab bridges	Arch bridges	Deck girders	I-beam spans	Concrete Abutments	Steel truss, high steel truss, deck truss	Miscellaneous permanent construction and retaining walls							
Adair.....	310	1												100		1	1
Adams.....	F-227	36												25		9	9
Adams—Montgomery.....	143	6												100		6	6
Allamakee.....	215		1													11	12
Appanoose.....	F-329	21												38		59	96
Audubon.....	241	9												100		17	17
Benton.....	377	24												100		17	17
Benton.....	327	10												100		14	14
Boone.....	327	10												100		14	14
Buchanan.....	228	2														5	5
Butler.....	202	3												100		1	1
Calhoun.....	257	1												100		1	1
Carroll.....	122*	48												28		23	51
Cass.....	353	17												100		9	9
Cass.....	358	37												100		10	20
Cedar.....	F-280	31												16		30	44
Cedar.....	281	9												100		9	10
Chickasaw.....	F-169	8												100		5	5
Chickasaw.....	300	8												100		5	5
Chickasaw.....	154*	48												85		40	48
Clarke.....	F-241	14												100		2	2
Clarke.....	328	1												100		1	1
Clarke.....	F-232	22												50		13	13
Clayton.....	329	4												100		1	1
Davis.....	144	4												100		1	1
Decatur.....	114	10												100		3	3
Emmet.....	217*	14												100		30	33

SCHEDULE NO. 28—Continued

County	Project number	Number of Structures in Project										Total	Per cent completed	Number of structures completed prior to 1925	Number of structures completed in 1925	Number of structures completed to date	
		Concrete culverts (box, etc., arch and pipe)	Headwalls and culverts lengthened	Slab bridges	Arch bridges	Deck bridges	Truss bridges	Steel girder	Iron truss, high steel truss, deck	Miscellaneous permanent construction and retaining walls							
Franklin	258	8	3										1	100	11	1	12
Fremont	297			1												1	1
Greene	347	16	3													19	19
Greene	314					1										1	1
Greene	189	19														1	1
Harrison	189	19														19	19
Harrison	F-228	3	4											64		31	31
Harrison	312	10												80		6	8
Henry	56*	24												100	20	5	25
Henry	F-151*															1	1
Henry	319	3														3	3
Henry	319	3														3	3
Howard	F-31	39	4											62		18	18
Howard	396															1	1
Howard	396															1	1
Howard	294															1	1
Howard	336	3														3	3
Howard	336	3														3	3
Iowa	19*	79	6											100	71	9	80
Iowa	F-124													53	33	15	28
Iowa	196	7														7	7
Iowa	F-244													100	4	3	3
Iowa	302	15												100	11	16	16
Iowa	302	15												100	11	16	16
Iowa	302	15												100	11	16	16
Jasper	168*	29	10											100	23	33	33
Jefferson	337	3														3	3
Johnson	316															1	1
Johnson	316															1	1
Jones	199	16														16	16
Jones	199	16														16	16
Keokuk	147	82	5											98	45	9	9
Keokuk	148*	13														13	13
Keokuk	F-34															1	1

Keokuk	300	1																1	1
Linn	300	20																24	24
Linn	310	21	4															26	26
Linn	311	29	6															35	35
Linn	301	18																25	25
Linn	F-266																		
Linn	306	18																19	19
Linn	328																	35	35
Linn	328																	60	60
Marion	245	50	2															28	28
Marshall	34*	26	20															35	35
Marshall	357	11	4															15	15
Monona	303	19																25	25
Monroe	28*	22																13	13
Monroe	270	22																6	6
Muscatine	290	37	1															1	1
O'Brien	197*	25	12															25	25
Polk	304	15	12															1	1
Polk	303	5	3															9	9
Polk	303	5	3															9	9
Polk	302	2																20	20
Polk	302	2																21	21
Polk	351	4																6	6
Polk	351	4																6	6
Pottawattamie	56*	29	2															4	4
Pottawattamie	259	4																25	25
Pottawattamie	314	66	9															4	4
Pottawattamie	314	66	9															26	26
Pottawattamie	213	10	5															9	9
Scott	263	58	15															23	23
Scott	263	58	15															23	23
Shelby	16*	1																2	2
Shelby	209	13																44	44
Shelby	209	13																68	68
Story	F-47*	30	2															11	11
Story	64	64	9															17	17
Union	255	9																23	23
Union	F-249																	5	5
Wapello	128	16																11	11
Warren	F-227	32																23	23
Wayne	32	4																40	40
Wayne	F-227	32																23	23
Woodbury	F-415	2																2	2
Woodbury	F-415	2																2	2
Wright	596	8																11	11
Totals	99	1,640	228	21	58	68	10	2,603	853	989	1,792								

Note: Projects marked thus * have been completed and retired before December 31, 1921 and have been recalled and additions made during the present year.

CHAPTER VII

Maintenance Department

The maintenance policy of the Commission is to serve the traffic. This is being done by co-operating with the county boards of supervisors in the marking, signing and maintenance (including snow removal) of the entire mileage of primary roads so that they may be readily traveled with safety and comfort at all times.

Organization.

The personnel of the Maintenance Department has remained in 1925 the same as it was in 1924.

Complaints.

During the past year twenty-three complaints were filed with the Commission. The complaints were divided among the different road systems as follows:

Primary system	10 complaints
County system	1 complaint
Township system	12 complaints

All the primary and county complaints have been adjusted, and only two township complaints are now pending. This makes a total of twenty-one complaints investigated and adjusted. A comparison of the number of complaints filed during the last three years follows:

1923	22 complaints
1924	28 complaints
1925	23 complaints

The total number of complaints investigated and adjusted by the Commission since 1913 is one thousand, one hundred and eighteen.

Maintenance Budget.

On December 1, 1924, the Commission adopted a temporary budget to provide for maintenance until the adoption of the permanent budget. The temporary budget amounted to \$659,000. The final 1925 maintenance program was definitely outlined early in the year by the various county engineers and district engineers. These estimates were revised and submitted to the Commission by the maintenance engineer.

On February 23rd, the final budget was passed, the total including the December 1, 1924, balances and the temporary budget was \$3,664,996. On May 11th, due to the fact that the permanent marking of the primary system had been postponed to 1926, the budget was decreased by \$135,400. It has since been found necessary to make increases in the budget for twenty-one counties. Schedule No. 29 shows the budget including the December 1, 1924, balance and all additions to December 1, 1925. The total revised budget is \$3,677,605.

Note: For a statement of maintenance expenditures from the above budget see Schedules No. 75 and 76, Chap. X. The following table shows the comparative expenditures for maintenance for the last five years:

	Miles Maintained	Total Cost of Maintenance	Average Cost Per Mile
December 1, 1920—December 1, 1921	6,616.0	\$ 2,264,692	\$ 342.00
December 1, 1921—December 1, 1922	6,615.3	2,444,605	370.00
December 1, 1922—December 1, 1923	6,646.6	2,420,900	364.00
December 1, 1923—December 1, 1924	6,669.7	2,725,149	409.00
December 1, 1924—December 1, 1925	6,674.1	3,021,013	453.00

Primary Road Condition Map.

Annually the Commission collects the data for and prepares a map showing the condition of the primary road system on December 1. The roads are classified as follows: First, paving; second, gravel; third, built to permanent grade; and fourth, not built.

The following tabulation shows the December 1st classification for the past three years:

	Dec. 1, '23	Dec. 1, '24	Dec. 1, '25
Paving	419.1	508.3	568.5
Gravel	1,389.4	2,164.4	2,457.6
Built to permanent grade	2,001.2	1,984.4	1,796.0
Not built	2,307.9	2,058.6	1,872.1

These mileages do not include any work partially completed or work in towns or cities. A copy of the condition map is appended hereto. A comparison of this map with the condition map filed with the 1924 report shows graphically the location and the extent of the construction work accomplished during the year. Schedule No. 30 shows the condition of the primary road system by counties on December 1, 1925.

County Use of Government Trucks.

In order to determine what use is being made of the government trucks which have been assigned the counties, a blank was sent to each county upon which they reported the work done in 1925 by each of the trucks assigned them. These reports show that the total number of trucks assigned was 535 and that the work was distributed as follows:

Primary Road Work:	
Construction	2
Maintenance	149
Secondary Road Work:	
Construction	7
Maintenance	87
Bridge work	179
Trucks not used	111

There has been a net decrease of fifty-nine war surplus trucks in the counties during 1925. This is due to a gradual wearing out of this equipment. Unserviceable trucks are being dismantled at a faster rate than repaired equipment is being assigned. During the year, seventy-four trucks were released by the counties and of this number, sixty have been dismantled and all good parts salvaged to be used in repairing other trucks. Fourteen of the released trucks were overhauled and assigned to other counties.

Maintenance Instructions.

The maintenance work in each district is under the supervision of the district engineer. During the year fourteen definite letters of instructions were issued the district engineers. The date of issue and subject matter of these instructions follow:

Instructions No. I, January 8, Preparation of Maintenance Estimate for 1925.

Instructions No. II, January 17, Inspection of War Surplus Equipment.

Instructions No. III, February 27, Maintenance Projects.

Instructions No. IV, March 9, Maintenance Project Progress Report.

Instructions No. V, March 10, Patrol Organization Report.

Instructions No. VI, April 7, County Monthly Progress Report.

Instructions No. VII, April 27, Oiling Earth Roads.

Instructions No. VIII, April 27, Inspection Report.

Instructions No. IX, August 31, Outline of 1926 Program.

Instructions No. X, August 31, Maintenance Superintendent Contracts.

Instructions No. XI, September 24, Reconnaissance and Inventory.

Instructions No. XII, October 28, County Line Maintenance.

Instructions No. XIII, October 29, Maintenance Program and Cost Estimate.

Instructions No. XIV, November 14, 1926, Maintenance Projects and Patrol Organization.

Contract Approval.

Most of the maintenance work on the primary system is being done by day labor, but some work has been let by contract by the counties. One hundred thirty-five contracts have been approved by the Commission for \$299,492 of maintenance work.

SCHEDULE NO. 29
PRIMARY ROAD MAINTENANCE BUDGET
DECEMBER 1, 1924-DECEMBER 1, 1925

County	Mileage	Budget	County	Mileage	Budget
Adair	57.4	\$ 32,900	Jefferson	46.3	\$ 27,000
Adams	35.4	17,300	Johnson	72.1	38,400
Allamakee	85.8	29,900	Jones	53.7	25,800
Appanoose	57.8	32,600	Keokuk	78.3	24,400
Audubon	43.4	23,500	Kossuth	89.0	65,500
Benton	60.7	34,600	Lee	83.0	32,000
Black Hawk	72.5	22,200	Linn	93.6	31,100
Boon	78.9	47,600	Louisia	52.2	24,800
Bremer	72.1	30,000	Lucas	56.0	23,700
Buchanan	46.0	20,000	Lyon	66.1	39,400
Buena Vista	67.4	38,700	Madison	56.4	25,800
Butler	69.3	51,000	Mahaska	85.0	43,500
Calhoun	73.0	56,800	Marion	91.2	37,800
Carroll	79.2	36,800	Marshall	49.3	24,900
Cass	72.7	34,600	Mills	48.4	29,600
Cedar	75.2	28,800	Mitchell	59.8	32,000
Cerro Gordo	52.8	26,600	Monona	71.6	27,600
Cherokee	77.0	41,600	Monroe	68.1	34,700
Chickasaw	45.7	29,100	Montgomery	54.8	30,000
Clarke	44.7	26,100	Muscatine	94.3	39,300
Clay	33.9	20,000	O'Brien	78.8	23,900
Clayton	104.9	36,000	Osceola	42.7	36,200
Clinton	85.9	28,100	Page	67.2	39,800
Crawford	81.2	51,400	Palo Alto	48.9	22,100
Dallas	86.9	47,300	Plymouth	118.4	67,400
Davies	47.4	24,300	Pocahontas	61.3	49,100
Deaer	53.1	27,600	Polk	92.1	39,400
Delaware	59.1	33,600	Pottawattamie	146.7	91,000
Des Moines	39.2	19,800	Poweshiek	67.6	41,700
Dickinson	42.5	38,900	Ringgold	52.2	26,800
Dubuque	81.7	69,700	Sac	90.9	26,400
Emmet	49.4	37,100	Scott	82.8	41,500
Fayette	65.2	56,100	Shelby	47.7	39,000
Floyd	68.7	24,700	Stolx	72.5	45,000
Franklin	42.1	37,200	Story	66.1	45,800
Fremont	54.1	39,900	Tama	69.9	42,700
Greene	72.6	28,700	Taylor	49.5	18,200
Grundy	61.2	45,000	Tirol	72.4	28,700
Guthrie	59.8	32,700	Van Buren	49.0	22,500
Hamilton	67.5	34,500	Warrick	49.9	23,000
Hancock	57.9	30,000	Warren	82.3	37,300
Hardin	66.2	64,800	Washington	86.8	48,900
Harrison	72.6	38,400	Wayne	61.6	27,700
Henry	51.9	28,000	Webster	84.0	96,400
Howard	59.9	31,200	Winneshago	49.2	48,000
Humboldt	49.8	34,500	Winneshiek	81.3	26,000
Ia	50.1	26,000	Woodbury	122.0	53,000
Iowa	66.1	47,800	Worth	60.6	31,900
Jackson	75.1	37,200	Wright	61.0	49,700
Jasper	89.2	55,000			
			Total	6,674.1	\$3,677,605

SCHEDULE NO. 30

SHOWING CONSTRUCTION WORK COMPLETED IN 1925 AND CONDITION PRIMARY ROAD SYSTEM, NOVEMBER 30, 1925

County	Number of Miles Constructed 1925			Condition Primary Road System November 30, 1925				Total Miles in Primary System
	Built to Permanent Grade	Surfaced With Gravel, Macadam or Sand Clay	Paved	Earth Road Not Built	Earth Road Built to Permanent Grade	Surfaced with Gravel Macadam or Sand Clay	Paved	
Adair	4.10			29.5	27.9			57.4
Adams	0.24			11.5	23.9			35.4
Allamakee				50.6	33.9	1.3		85.8
Appanoose		0.20		27.6	30.2			57.8
Audubon	0.18			25.8	17.6			43.4
Benlon	7.32			62.1	19.0		9.6	90.7
Boone	10.59	3.39					24.7	72.5
Bremer		1.00			9.2			78.9
Buchanan		9.43		42.2	9.2		19.6	72.1
Buena Vista				6.2	6.5		18.2	46.0
Butler		2.25					67.4	67.4
Butler	6.70	10.24		15.2	4.8		49.2	62.3
Calhoun							73.0	73.0
Carroll	5.30	0.82		7.0	29.2		34.1	70.3
Cass	9.69			43.2	29.0			72.7
Cedar	3.91			24.8	50.4		.5	75.2
Cerro Gordo				3.2		16.8	32.8	32.8
Cherokee	3.09	15.00		3.5	2.5	70.5	.5	77.0
Chickasaw	2.42			1.2	4.7	40.8		45.7
Clarke	9.15			15.7	29.0			44.7
Clarke		2.66						53.9
Clayton		13.62		49.6	13.8		4.5	104.9
Clinton	0.30			30.4	2.1		.3	86.9
Crawford	1.63	13.25			56.7	24.6		81.3
Dallas	0.38	7.43		8.9		77.1		86.0
Davis	0.01			10.9	39.5			47.4
Decatur	9.79			21.4	31.7			53.1
Delaware				12.1		47.0		59.1
Des Moines				27.5		3.0	8.8	39.3
Dickinson	1.02	2.17				37.7	4.8	42.5
Dubuque				7.0	35.4	55.8	3.5	81.7
Emmet	0.85	2.05				40.4		40.4
Emmet	1.29	15.28		20.9	8.6	66.7		95.2
Fayette				32.1		19.5	16.3	68.7
Floyd		11.06						

Franklin	1.07	9.24				42.1		42.1
Fremont	0.53			37.0	19.1			56.1
Greene	15.39	1.30		3.9		44.8	23.9	73.0
Grundy		33.27		6.7		57.5		64.2
Hamilton				39.9	27.2	8.5		70.6
Hancock		8.06				67.5		67.5
Hardin						35.5		69.2
Harrison		0.44		5.1	.4	69.7	24.4	67.9
Henry	12.46		0.45	37.0	35.6			69.2
Howard	1.22			23.8	28.1			72.6
Humboldt	5.11	5.02		5.2	7.5			51.9
Ida						37.3		50.0
Iowa	10.09	1.80		9.4		40.8		60.8
Jackson	3.95	0.14		38.8	1.9	40.7		60.1
Jasper				42.6	28.5	4.0		69.1
Jefferson	0.84			34.3	1.0	53.9		60.2
Johnson	0.30					46.3		75.1
Jones	3.82					58.2		46.3
Keokuk	2.86			11.7		29.2	3.2	73.1
Keokuk	2.86			9.5		14.9	.1	53.7
Kossuth	6.23			41.4	36.9			78.3
Lee						76.7	12.3	89.0
Linn	9.36			48.1	21.9	13.0		82.0
Louis	30.23		9.95	39.5	32.2	12.1	30.8	95.6
Lucas				11.1	39.2	.6	1.3	52.2
Lyon	1.69			38.5	17.3			56.0
Madison	0.70	1.83				69.1		66.1
Mahaska				41.6	14.8			56.4
Marion				41.7	43.3			85.0
Marshall				39.2	52.0			91.2
Mills	23.67	11.73	20.04		1.3	21.2	26.8	49.3
Mitchell				33.3	15.1			48.4
Monona	2.92	9.77		9.2		50.5		59.8
Monroe	8.57			12.6	59.0			71.6
Montgomery				43.4	24.7			68.1
Muscatine				38.9	15.9			54.8
O'Brien	11.56	1.43		32.1		14.0		94.3
Osceola	10.30	29.64		14.8	47.8	26.5	22.5	73.8
Page						42.7		42.7
Palo Alto	0.25			16.6	59.7			67.3
Plymouth	0.13	21.54	0.13			37.9	11.0	48.9
Pocahontas				27.4	87.5	3.5		118.4
Polk						64.3		64.3
Pottawattamie	19.70	1.02	19.83			7.6	64.5	92.1
Poweshiek	1.67			93.0	45.4	1.2	1.1	149.7
Ringgold	5.34	13.28		22.3	5.3	39.4		67.9
Sac				20.4	31.9			52.3
Scott						90.9		90.9
Scott	20.60		11.67	1.5	4.1	7.6	69.6	88.8

SCHEDULE NO. 30—Continued

County	Number of Miles Constructed 1925			Condition Primary Road System November 30, 1925			Total Miles in Primary System
	Built to Permanent Grade	Surfaced With Gravel, Macadam or Sand Clay	Paved	Earth Road Not Built	Earth Road Built to Permanent Grade	Surfaced with Gravel Macadam or Sand Clay		Paved
Shelby.....	1.41			14.5	33.2		47.7
Stout.....		9.25				68.4	72.8
Story.....	2.08	6.78		12.1	26.4	66.1	66.1
Tama.....	3.80			29.3	18.2	31.4	60.0
Taylor.....	2.80	5.19		29.8	18.7	4.4	52.4
Van Buren.....				15.4	15.4	10.8	40.0
Wapello.....	2.56			15.3	27.6	3.4	42.9
Warren.....				42.9	36.0		82.3
Washington.....				40.3	33.7	10.8	60.8
Wayne.....	5.61	5.02		5.3	5.5	73.0	60.8
Winnebago.....	1.00			1.0	1.0	48.2	84.0
Winneshiek.....	14.59			28.4	62.9		49.2
Woodbury.....	2.15			30.5	13.7	7.8	51.3
Worth.....	17.28			3.1	15.9		123.0
Wright.....	2.69	2.66		9.7		31.3	60.6
Total.....	330.39	285.87	61.07	1,848.7	1,796.0	2,460.8	6,674.1

CHAPTER VIII

Work for Other State Departments

General.

Under the laws as they have been developed during the past several sessions of the General Assembly, the Commission has more and more been made the engineering agency for other state departments.

Road work at State Institutions under the State Board of Control and the State Board of Education, and at the State Parks under the State Board of Conservation, surveys and other engineering work at lakes and State Parks, land surveys, engineering assistance to the Executive Council, and other engineering services to various state departments, make up the sum total of assistance extended by the Commission to other departments of the State Government.

Organization.

The work outlined above is under the supervision of the Chief Engineer of the Commission. By legislative act he is general supervisor of the several road districts which comprise the public highways at state institutions and state parks. Under present laws the Board of Conservation may also call upon the Commission for engineering services necessary to carry out the work of the Board of Conservation.

The details of performing these services are, in general, delegated to an assistant engineer who, working through other engineers in the employ of the Commission, county engineers, local road supervisors, patrolmen and others, attends to the various phases of the work involved.

The preliminary surveys for road work in the state parks are usually made in the winter months, utilizing men from the regular construction organization of the Commission. This arrangement has several advantages. It gives steady employment to members of the organization who might otherwise have to be laid off at the end of the construction season; the foliage is off the trees during the winter and the surveys can be more readily made; and the survey party does not bother park visitors and, in turn, has no interference from this source.

General Summary.

The following table shows the approximate mileage and present

condition of all public roads under the Board of Control and the Board of Education:

Board of Education					
Institution	Number of Miles				
	Unimproved	Graded	Gravel	Paved	Net
Iowa State College, Ames		1.21	6.84	1.71	9.76
State University, Iowa City		1.72		3.42	5.14
Teachers' College, Cedar Falls			.50	.50	1.00
School for the Blind, Vinton	1.00				1.00
School for the Deaf, Council Bluffs		1.50		.75	2.25
Board of Control					
Soldiers' Home, Marshalltown				.60	.60
Orphans' Home, Davenport	1.54			1.46	3.00
Institute for Feebleminded Children, Glenwood	2.05	1.75			3.80
Boys' Training School, Eldora	.75		1.25	.50	2.50
Girls' Training School, Mitchellville	1.18			.13	1.31
St. Pleasant State Hospital, Mt. Pleasant	2.75	.12	.13		3.00
State Hospital, Independence			7.00		7.00
State Hospital, Clarinda	2.17	.55	2.05		4.45
State Hospital, Cherokee	.50		2.10	.87	3.47
Hospital for Epileptics, Woodward			5.83		5.83
State Sanatorium, Oakdale			1.98		1.98
State Penitentiary, Ft. Madison	3.00		.25		3.25
Men's Reformatory, Anamosa	4.25				4.25
Women's Reformatory, Rockwell City	.25		.75		1.00
Juvenile Home, Toledo	2.00				2.00
Custodial Farm, Clive	1.25	1.50			2.75
Total	22.00	8.05	28.66	10.00	69.40

The following table shows the approximate mileage and present condition of all public roads under the Board of Conservation:

State Park	Number of Miles			
	Unimproved	Graded	Surfaced	Net
Backbone			4.74	4.74
*Bellevue		.85		.85
T. F. Clark		.22		.22
Clear Lake		.30		.30
Devil's Backbone	1.86			1.86
Dolliver Memorial	.83	2.80		3.63
Eagle Lake	.21			.21
Eldora Pine Lake			.51	.51
Eibert	.94			.94
Farmington	.34		.12	.46
Fort Defiance		.53		.53
Fort Atkinson				None
Gitche Manitou				.53
Oak Grove		.78		.78
Lacey-Koosauqua	4.65			4.65
Ledges	2.47		1.80	4.27
Lepley			.50	.50
Lost Island Lake				None
Lewis and Clark				None
Morehead Caves	.26			.26
Medium Lake				None
Oakland Mills	.71		.14	.85
Orleans				.71
Pallades	.62	.72		1.34

State Park	Number of Miles			
	Unimproved	Graded	Surfaced	Net
Pilot Knob	.58	.65	.55	2.08
Rice Lake				None
Tuttle Lake	.12			.12
Silver Lake, Delhi	.34			.34
Twin Lakes			.23	.23
Wall Lake				None
Wapsipinicon	.25	.69	.50	1.44
Total	15.48	5.14	9.39	30.01

*Not open to traffic.

In addition to the highways above indicated, the Board of Conservation is in charge of approximately 68 meandered lakes, 9 meandered streams, and approximately 31 state parks, which frequently involve engineering services in the way of reports, surveys or plans relative to administration, construction or maintenance.

Engineering advice has also been rendered to the Fish and Game Department and to the Executive Council.

Schedule No. 31 shows contracts entered into by the Supervisor of State Roads for the period December 1, 1924, to December 1, 1925.

Schedules No. 32, 33 and 34 show expenditures on above highways for the fiscal year July 1, 1924, to June 30, 1925.

Details of Work Accomplished Under Board of Conservation.

(a) *Road Maintenance.* On public highways under the Board of Conservation maintenance work has been supervised on approximately 20 miles. As new road improvements are made the amount of such maintenance increases, both as to length of road and amount and type of maintenance. Roads existing in state parks at the time of their purchase have, in many instances, been little more than trails on which little maintenance could be accomplished until after construction. Consequently the maintenance work increases along with construction, and this phase of the work is being organized as rapidly as possible. In detail, the following method of maintenance is being pursued:

At the Backbone State Park in Delaware County a patrolman has been employed constantly during the last year. Unprecedented floods in the Maquoketa River early in the summer did such damage to the new road that reconstruction of parts of it had to be undertaken.

At the Ledges State Park in Boone County a patrolman has been employed regularly by the day since the completion of the new road.

At Eldora Pine Lake State Park in Hardin County maintenance work has been performed under the supervision of the county engineer and by the county maintenance forces which take care of adjoining county roads.

At Pilot Knob State Park in Hancock County maintenance work has been carried on under the supervision of the county engineer of Winnebago County who acts as local supervisor.

At Dolliver Memorial State Park in Webster County the local park custodian has supervised the maintenance work.

At most of the remaining parks the maintenance work has been done, when necessary, by the local park custodians.

(b) *Road Construction.* Construction work has been active during the last two seasons on public roads in the state parks. The work in detail for the last year is as follows:

1. Work Held Over from Previous Year.

At the Backbone Park in Delaware County the grading and gravel surfacing of the entire system were completed in the winter and early spring. During June a flood on the Maquoketa River washed away, or greatly damaged, considerable portions of the newly constructed road. Reconstruction has been carried on by day labor and by convict labor most of the season, and is now about 75 per cent completed.

At the Wapsipicon State Park in Jones County work with convict labor has been continued involving road grading, surfacing, and the construction of two arch bridges of concrete and stone, with spans of 40 ft. The road work is about 85 per cent completed and the arches are about 95 per cent complete.

Since the inception of the project the following amounts have been expended to date, exclusive of the bridge construction:

Motor expense	\$ 976.99
Extra man and team	88.82
Equipment	108.57
Supplies	104.47
Culverts	384.45
Engineering	232.79
Total	\$1,896.09

At the Palisades State Park in Linn County work was started in 1924, but very little has been done this year. A part of the timber cleared from the right of way in 1924 was sawed up into lumber. An epidemic of smallpox in the neighborhood prevented the use of convict forces for a part of the season.

Since the inception of the project, the following amounts have been expended to date:

Motor expense	\$1,602.77
Convict labor	665.26
Extra man and team	385.72
Equipment	267.40

Supplies	401.14
Culverts	444.30
Engineering	242.41
Total	\$4,009.00

2. Work Completed.

At the Ledges State Park in Boone County, 1.80 miles of road were constructed and surfaced with gravel. The cost of this work was as follows:

Earthwork	\$ 6,369.17
Gravel	1,642.35
Guard rail	2,219.77
Culverts	250.74
Engineering	1,092.97
Total	\$11,575.00

At the Lost Island Lake State Park in Palo Alto County, surveys and plans were made and 0.50 miles of road constructed. This grading was done with convict labor at a cost, to date, as follows:

Motor expense	\$ 139.07
Convict labor	887.17
Extra man and team	316.99
Equipment	48.63
Culverts	136.50
Engineering	33.92
Total	\$1,567.28

In addition to the convict work above, the road was surfaced with gravel by contract at an estimated cost of \$300.00.

3. New Work.

At the Dolliver Memorial State Park in Webster county, 2.63 miles have been placed under construction by contract for grading, drainage and gravel. The grading and drainage are about 80 per cent complete. No gravel has yet been placed. This work has made poor progress, due largely to a poor contracting organization, but as other arrangements have been made, the project should be completed early in 1926. The engineering cost has been excessive on account of the poor progress made. The following is the cost to date:

Earthwork	\$ 7,852.01
Culverts	681.56
Engineering	1,746.04
Total	\$10,279.61

At the Pilot Knob State Park in Hancock county surveys and plans were made and 1.23 miles placed under construction by convict labor. During the season 0.65 miles have been cleared and built to finished grade. The following is the estimated cost of the season's work:

Motor expense	\$ 855.17
Convict labor	3,088.99
Extra man and team.....	127.00
Equipment	141.56
Engineering	123.95

\$4,336.67

At the Oak Grove State Park in Sioux county, surveys and plans were made by the county engineer and 0.78 miles have been built to grade by contract. This project is very nearly completed. In the future guard rail and a gravel surface will probably be provided. The following is the cost to date:

Earthwork

\$1,012.50

At the Devil's Backbone State Park in Madison county, surveys and plans were made and 1.86 miles placed under construction with convict labor. This work has involved the cleaning out and lining with concrete of a tunnel 150 feet long through which the highway will run. To date the tunnel walls have been lined and some work done on the road at both ends of the tunnel. The roof lining is not yet completed. Unit costs for the season's work are approximately as follows:

	Total Cost	Quantity	Unit Cost
Tunnel lining	\$ 7,008.20	252 cu. yd.	\$27.81
Clearing and grubbing.....	330.65		
Rock excavation	861.68	400 cu. yd.	2.15
Loose rock excavation.....	836.99	625 cu. yd.	1.34
Earth excavation	617.89	1,600 cu. yd.	.39
Rock retaining wall.....	364.70	210 cu. yd.	1.74
Rock dam	433.05	280 cu. yd.	1.55
Bridges and culverts.....	313.48		
Material on hand.....	1,426.44		
Equipment on hand.....	2,345.67		
Total	\$14,538.75		

At the T. F. Clark State Park in Tama county, 0.22 miles of graveled park drive were constructed under the supervision of the Commission.

Surveys and Plans.

At the Bellevue State Park in Jackson county preliminary surveys, plans and other arrangements have been made preparatory to the construction of 0.85 miles of road with convict labor but no road has yet been built.

At the Lacey-Keosauqua State Park in Van Buren county surveys have been made for 4.55 miles of road. Plans are now being prepared for this work.

Other Services.

In addition to the road work under the Board of Conservation the Commission has performed the following engineering services:

At Wall Lake in Sac county, supervised the protection of 2,640 feet of shore with rip-rap.

At Ledges State Park in Boone county, supervised the protection of 500 feet of the bank of the Des Moines river with anchored trees.

At Lost Island Lake in Clay county, made plans for and supervised construction of approximately 2,200 feet of levee and one 40 foot concrete spillway.

At Virgin Lake in Palo Alto county, made plans for and supervised construction of one 14 foot spillway.

At Silver Lake in Worth county, made survey for a spillway.

At Storm Lake in Buena Vista county, made survey and plan for a spillway and also secured data relative to future dredging.

At Little Wall Lake in Hamilton county, made survey for a spillway. Surveys or inspections and reports were also made at the following places:

Cedar Falls, privately owned dam.

Mills county, St. Mary's township, accretions on Missouri river.

Des Moines, ownership of old bed of Raccoon river.

Frazer, privately owned dam.

Farmington, gravel bed in Des Moines river.

Frazer, gravel bed in Des Moines river.

Lake Cornella, water levels.

Dolliver Memorial State Park, boundary survey.

Elbert State Park, boundary investigation.

Des Moines, preparation of plans and specifications for pavement repairs on State House grounds and loan of services of inspector therefor.

Convict Labor.

It will be noted from the above that in several of the parks, convict labor was used. An agreement was drawn up between the Board of Control and the Board of Conservation whereby inmates from the Men's Reformatory at Anamosa and the State Penitentiary at Fort Madison were made available for work in the state parks.

For this work the inmates are to receive \$5.00 per month from the project funds. In addition, the Institution is to be credited with 50c per day per inmate for meals. Also, the project is to pay all costs for medical attention for the inmates, transportation, shelter, tools and equipment. The salaries of the guards are to be borne by the Institution.

As a rule, one guard is assigned for every ten or twelve men and the guards act as construction foremen. This was not true, however, on the work at the Devil's Backbone State Park since work there was so complicated that it was deemed necessary to assign a Resident Engineer who acted as construction superintendent.

Shelter, tools and equipment have been varied. At one camp of

about ten men, a contractor's bunk house outfit was rented and the work performed with wheelbarrows, shovels and hand tools. A used Ford was purchased and a man and team hired by the day when necessary. Many of the hand tools are part of the war surplus equipment received by the Commission, and were donated without cost to the work.

At another camp of about twenty men, army squad tents were used for shelter. The equipment was the same as above except that in addition a Nash Quad truck was provided by the Commission without charge, except that incurred in placing the truck in repair.

At the Devil's Backbone State Park the camp, equipment and force engaged were more extensive, due to the magnitude and nature of the work and the probable time of duration. From twenty to thirty men are engaged here and will continue the work throughout the winter. The men are housed in frame buildings sheathed with tar paper. An industrial railway with dump cars, a rock crusher, concrete mixer, Fordson, Light Aviation truck, Ford delivery truck, teams, slips and plows are all used on this job.

Cost data is not yet sufficiently worked up on convict labor for conclusions to be reached as to the actual monetary economy of using convicts. It probably results in little if any saving over contract work. It is nearly all hand work—axe, pick and shovel—and where construction speed is not a prime factor and where the work is isolated, it may be beneficial to the public purse and should certainly be beneficial to the convicts themselves.

Details of Work Accomplished under the Board of Education.

(a) *Road Maintenance.* Maintenance work at institutions under the Board of Education has been as follows:

At Iowa State College, Ames, a full time patrolman with motorized equipment is kept constantly busy. Nearly all the roads at this institution are surfaced with cinders or gravel or are paved.

At the State University, Iowa City, the highways are largely city streets which are cared for by city authorities.

At the School for the Deaf at Council Bluffs, a local road patrolman is hired by the day for whatever maintenance is needed.

At the State Teachers' College at Cedar Falls, 50 per cent of the roads are paved city streets and the remainder are cindered. Maintenance is cared for by the city.

At the School for the Blind at Vinton, the roads are cared for by institutional forces.

(b) *Road Construction.* Construction work at institutions under

the Board of Education has been rather active this season. The work in detail is as follows:

At Iowa State College, Ames:

Thirteenth street, an extension giving another connection to the College from the main portion of the city, has been graded, drained and the necessary culverts installed at a cost as follows:

Earthwork	\$18,607.86
Culverts	5,095.80
Extra man and team.....	58.30
Engineering	1,325.53
Total	\$25,087.49

Ash avenue, an extension, has been graded, drained and graveled at a cost as follows:

Earthwork	\$ 1,021.02
Gravel	1,166.12
Culverts	482.00
Engineering	256.12
Total	\$ 2,925.26

North Campus road, a 12x8 concrete box culvert has been built, at a cost as follows:

Earthwork	\$ 377.20
Culvert	1,957.50
Engineering	4.84
Total	\$ 2,339.54

Wells Avenue road past the Horticultural Farm, the grading has been completed and the first application of gravel placed, with cost to date as follows:

Earthwork	\$ 5,739.27
Gravel	1,397.12
Tiling	171.35
Engineering	10.56
Total	\$ 7,318.30

Veterinary Research Farm road, grading and draining is completed and 50 per cent of the gravel placed, with cost to date as follows:

Earthwork	\$ 800.26
Gravel	351.87
Culverts	337.60
Engineering	160.38
Total	\$ 1,650.11

Knapp street, tile drainage has been placed with cost as follows:

Tiling	\$ 188.52
Engineering	35.27
	\$ 223.79

At the State University, Iowa City:

Madison avenue, one block of pavement has been widened at a cost of \$2,886.91.

Primary Road No. 7, a relocation through the University grounds from Iowa avenue to Wolfe avenue, which will eventually take the main traffic away from the University Hospital, has been contracted for grading and is now under construction. Cost to date is as follows:

Earthwork	\$ 4,204.88
Guard rail	201.87
Engineering	116.61
	\$ 4,523.36

At the School for the Deaf at Council Bluffs the grading of 0.465 miles of road adjacent to Pony creek has been completed, at a cost as follows:

Earthwork	\$ 5,008.00
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Details of Work Accomplished under Board of Control.

Following is a list of the work accomplished at the various institutions under the Board of Control:

At the Iowa Soldiers' Home at Marshalltown all roads are paved, necessitating very little maintenance work.

At the Soldiers' Orphans' Home at Davenport the unpaved roads are maintained by institutional farm help.

At the Institute for Feeble-minded Children at Glenwood the roads have been maintained by institutional forces.

At the Boys' Training School at Eldora maintenance work has been mainly by county forces. All roads are paved or graveled. 1,496 feet of curb and gutter and two surface water flumes were built by contract this year.

At the Mount Pleasant State Hospital the roads have been maintained by the steward as local supervisor.

At the Independence State Hospital a full time patrolman has maintained the roads. These roads are all cindered.

At the Cherokee State Hospital the roads have been maintained by the patrol system.

At the Hospital for Epileptics at Woodward the roads are maintained by the patrol system.

At the State Sanatorium at Oakdale the roads are maintained by county forces and by institutional forces.

At the State Penitentiary at Fort Madison the roads are maintained by institutional forces.

At the Men's Reformatory at Anamosa the roads are maintained under the supervision of the County Engineer acting as local road supervisor.

Extensive reshouldering and other maintenance work has been done here during the season.

At the Women's Reformatory at Rockwell City the roads are maintained by county forces.

At the State Juvenile Home at Toledo the roads are maintained by institutional help or by the city of Toledo.

At the Custodial Farm at Clive the roads are maintained by county crews or by institutional help.

At the Girls' Training School at Mitchellville the roads have been maintained by county or township authorities.

SCHEDULE NO. 31
CONTRACTS ENTERED INTO BY SUPERVISOR OF STATE ROADS
DECEMBER 1, 1924—DECEMBER 1, 1925

Location	Project Number	Contractor	Item	Estimated Quantities	Unit Price	Amount of Contract
Ledges State Park	Park Proj. No. 4	J. W. Lusk	Excavation Loose rock Solid rock 12" culvert labor 15" culvert labor 18" culvert labor Clearing Cl. and grub trees	13,567 cu. yd. 500 cu. yd. 500 cu. yd. 38 ft. 39 ft. 60 ft. 150 sq. rd. 350 sq. rd.	\$ 0.32 1.00 1.50 .40 .40 .40 2.25 3.00	\$ 7,926.14
Ledges State Park	Park Proj. No. 4	W. E. Schoppe	Rustic guard rail Concrete curb	1,460 ft. 1,000 ft.	\$ 0.19 1.85	2,116.00
Ledges State Park	Park Proj. No. 4	Mike Munson	Gravel, 1 mi. haul Gravel, 1/2 mi. haul	1,294 cu. yd. 9,210 units	\$ 0.40 .08	1,329.40
Dolliver Memorial Park	Park Proj. No. 6	Thompson & Washburn	Excavation Loose rock Solid rock Culvert pipe labor Clear and grub Clearing Guard rail Guard rail Gravel, 1 mi. haul Gravel, 1/2 mi. haul Concrete curb	16,817 cu. yd. 250 cu. yd. 1,545 cu. yd. 258 ft. 550 sq. rd. 80 sq. rd. 150 ft. 550 ft. 1,375 cu. yd. 1,900 units 200 ft.	\$ 0.30 .75 1.75 .30 1.75 .75 .15 .20 .50 .06 2.00	10,592.08
Lost Island Lake State Park	Park Proj. No. 9	Brereton & Bauck	Gravel in place	500 cu. yd.	\$ 0.60	300.00
Oak Park State Park	Park Proj. No. 11	Lyon County Sand and Gravel Company	Excavation	6,421 cu. yd.	.255	1,644.72
Iowa State College	Inst. Proj. No. 2	Ben J. Cole	Box culvert 24" drain Detour	12 x8 x58" 100 ft. 1	\$ 1,840.00 30.00 75.00	1,965.00
Iowa State College	Inst. Proj. No. 2	Jesse Coe	Excavation	2,232 cu. yd.	¢ 0.30	669.60

Iowa State College	Inst. Proj. No. 2	Ben J. Cole	Box culverts	35 cu. yd.	\$ 20.00	700.00
Iowa State College	Inst. Proj. No. 3	Ben J. Cole	Box culverts	200 cu. yd.	\$ 20.00	4,000.00
Iowa State College	Inst. Proj. No. 3	Geo. Cronkhite	Guard rail Anchors	4,400 ft. 8	\$ 0.30 7.00	1,370.00
Iowa State College	Inst. Proj. No. 3	Longerbone Bros.	Excavation Overhaul	48,000 cu. yd. 492,000 sta. yd.	\$ 0.260 .02	22,722.00
Iowa State College	Inst. Proj. No. 4	Joe Milburn	8" drain	1,000 ft.	\$ 0.10	100.00
Iowa State College	Inst. Proj. No. 5	D. J. Conn	Excavation	3,500 cu. yd.	\$ 0.247	864.50
State University	Inst. Proj. No. 6	Geo. Cronkhite	Guard rail Anchors	3,025 ft. 16	\$ 0.34 7.50	1,148.50
State University	Inst. Proj. No. 6	J. C. Stoddard	Excavation Overhaul	46,000 cu. yd. 38,000 sta. yd.	\$ 0.29 .02	14,100.00
Boys' Training School	Inst. Proj. No. 8	M. M. Mulford	Curb and gutter Flumes	1,496 ft. 2	\$ 0.80 75.00	1,546.80

Total, 17 contracts. Amount \$71,830.74. Convict labor and day labor not included in this schedule nor some agreements for work performed not in formal contracts.

SCHEDULE NO. 32
SUMMARY OF EXPENDITURES FOR WORK AT STATE INSTITUTIONS UNDER STATE BOARD OF CONTROL
JULY 1, 1924—JUNE 30, 1925

Institutions	Engineering and General Supervision	Finished Grade	Gravel or Cinder Surfacing	Drugging	General Repairs	Paving	Bridges and Culverts	Tiling and Guard Rail	Equipment and Tools	Total
Iowa Soldiers' Home, Marshalltown.....	\$ 17.49					\$ 14,933.55				\$ 14,951.04
Iowa Soldiers' Orphans' Home, Davenport. Institution for Feeble-minded Children, Glenwood.....	24.76									24.76
Boys' Training School, Eldora.....	25.94		\$1,030.14		\$ 388.79				\$ 2.30	1,447.17
Girls' Training School, Mitchellville.....										
Mt. Pleasant State Hospital, Mt. Pleasant			109.43	\$ 184.40	17.80		\$ 99.84		42.86	454.33
Independence State Hospital, Independence	14.77		609.48	677.77	913.55				50.00	2,274.66
Clarinda State Hospital, Clarinda.....										
Cherokee State Hospital, Cherokee.....	15.74		84.00	367.50	1,483.60			\$ 22.50	91.78	2,064.92
Hospital for Epileptics, Woodward.....	86.27		4,597.05	981.21	1,404.54			177.77	236.45	7,473.29
State Sanatorium, Oakdale.....	207.43	\$ 355.45	2,845.44		896.28		978.78	694.52		5,887.90
State Penitentiary, Ft. Madison.....	14.77			34.97	116.70					196.44
Men's Reformatory, Anamosa.....			33.60	3.75	198.50					235.85
Women's Reformatory, Rockwell City.....										
State Juvenile Home, Toledo.....	14.06									14.06
Custodial Farm, Olive.....	3.50									3.50
Total	\$ 425.03	\$ 355.45	\$9,309.14	\$2,240.60	\$5,329.76	\$ 14,933.55	\$1,078.62	\$ 895.19	\$ 422.48	\$ 34,998.82

SCHEDULE NO. 33
SUMMARY OF EXPENDITURES FOR WORK AT STATE INSTITUTIONS UNDER STATE BOARD OF EDUCATION
JULY 1, 1924—JUNE 30, 1925

Institutions	Engineering and General Supervision	Finished Grade	Gravel or Cinder Surfacing	Drugging	General Repairs	Paving	Bridges and Culverts	Tiling and Guard Rail	Equipment and Tools	Total
Iowa State College, Ames.....	\$ 1.20	\$2,397.46	\$1,318.17	\$ 334.48	\$ 937.19		\$3,097.25	\$ 63.00	\$ 891.73	\$ 9,990.48
State University, Iowa City.....						\$ 7,370.00*				7,370.00
State Teachers' College, Cedar Falls.....										
School for the Blind, Vinton.....										
School for the Deaf, Council Bluffs.....	39.76			126.00	474.20					639.96
Totals	\$ 40.96	\$2,397.46	\$1,318.17	\$ 510.48	\$1,411.39	\$ 7,370.00*	\$3,097.25	\$ 63.00	\$ 891.73	\$ 18,200.44

*Chapter 249, Acts of the 41st General Assembly.

SCHEDULE NO. 34
SUMMARY OF EXPENDITURES FOR WORK ON STATE PARK ROADS UNDER STATE BOARD OF CONSERVATION
JULY 1, 1924-JUNE 30, 1925

State Park	Engineering and General Supervision	Finished Grade	Surfacing	Drugging	General Repairs	Bridges and Culverts	Tiling and Equipment Guard Rail and Tools	Total	
Bachman Park—Polk County	\$ 2,481.04	\$ 21,866.63	\$ 1,721.60	\$ 76.35	\$ 617.00	\$ 1,275.41	\$ 516.12	\$ 29,083.90	
Wasson Park—Wasson County	194.72	872.44				384.45	1,179.44	1,787.72	
Palisades Park—Lincoln County	651.99	2,101.93		4.90	.50	190.90	2,118.29	3,620.10	
Ledges Park—Boone County	106.97	11,410.42						2,948.92	
Edgemoor Park—Harrison County	231.40			18.00			51.95	1,347.29	
Bellevue Park—Jackson County	200.00			8.20			1,124.38	1,302.83	
Devil's Backbone Park—Washington County	200.00		53.50		21.00			1,302.83	
Pilot Knob Park—Hancock County	31.74						11.99	220.42	
Lost Island Lake Park—Palo Alto County	38.92		300.00				43.57	290.00	
Farmington Park—Van Buren County				13.50				300.00	
Lacey-Koosauqua Park—Van Buren County					125.00			327.40	
Totals	\$ 4,473.28	\$ 95,981.42	\$ 2,169.10	\$ 122.00	\$ 775.10	\$ 2,668.00	\$ 1,359.13	\$ 1,162.88	\$ 102,337.80

CHAPTER IX

Department of Materials and Tests

Inspection of Materials.

Materials for use on the primary and secondary road systems were inspected during 1925 as follows:

	Amt. Inspected	Amt. Rejected
Sand	180,076 tons	9,936 tons
Screened gravel and crushed stone.....	204,290 tons	13,194 tons
Pit run gravel.....	125,223 tons	3,030 tons
Cement	788,164 barrels	1,608 barrels
Steel	8,602 tons	1,932 tons
Drain tile	612,148 lin. ft.	19,720 lin. ft.
Bituminous materials	26,944 gallons	7,500 gallons
Paint	2,899 gallons	688 gallons
Guard rail posts.....	35,245 posts	6,053 posts
Guard rail cable.....	64,367 lin. ft.	None

The market value of the materials inspected is approximately \$3,300,000. These inspections involved detailed tests upon 17,273 samples of materials each of which represented approximately one carload. The tests were distributed as follows:

Primary roads and bridges.....	11,388
Secondary roads and bridges.....	3,358
Other State Highway Departments.....	1,385
Other state departments, tests of deposits, manufacturers' samples, etc.....	1,142

17,273

Very satisfactory increase in the service given by the Materials Department to the secondary road work was again made during 1925.

Tests of materials for use on secondary road work:

1920	36 samples
1921	138 samples
1922	362 samples
1923	1,250 samples
1924	2,392 samples
1925	3,358 samples

This work is done in the Highway Commission laboratories at the request of the county authorities with cost to the counties.

Co-operation with Other States.

Very satisfactory co-operating arrangements with neighboring states were continued in 1925.

Tests made by Iowa Highway Commission for other states were as follows:

Cement	1,175 car loads
Sand	201 car loads

Tests made by other states for the Iowa Highway Commission were as follows:

Minnesota	Cement 19 car loads
	Reinforcing steel 3 car loads
	Guard rail posts 32 car loads
	Creosote 7 car loads
Missouri	Cement 64 car loads
Illinois	Cement 194 car loads

Experimental Work.

At the request of the U. S. Bureau of Public Roads and the Highway Research Board of the National Research Council, the Engineer of Materials and Tests is directing a national investigation of methods of arriving at the economic value of the different types of small drainage structures. The cost of this investigation is being borne by the Highway Research Board.

The following technical reports have been made during the past year:

"Advantages of Weighing Concrete Aggregates."

"A Summary of the Results of Analyses of Concrete and Mortar for the Constituent Materials."

Progress Report, "Investigation of Elastic Properties of Concrete of Various Proportions."

Progress Report, "Investigation of the Vibrolithic Process as Applied to Concrete Pavements."

"Use of Accelerators in Portland Cement Concrete."

Progress Report, "Culvert Investigations," Highway Research Board.
Report of, "Investigations of Sub-grade Failures, Earth and Gravel Roads in Clayton, Allamakee and Fayette counties.

A statistical summary of the experimental work for 1925 is as follows:

ANNUAL ROUTINE PROJECTS

(1) Daily tests of concrete on pavement construction.	
Specimens tested in 1925	540
Specimens made in 1925	960
(2) Daily tests of concrete on bridge construction.	
Specimens made in 1925	774
(3) Cores drilled from concrete pavements.	
Number drilled in 1925	429
Number tested in 1925	200

PROJECTS COMPLETED

- (1) Effect of span length upon modulus of rupture of concrete.
Report in progress.
- (2) Effect of grading of coarse aggregate upon strength of concrete.
Specimens made in 1925
 624 || Specimens tested in 1925 | 624 |
- (3) Effect of admixtures in earth road construction.
Report in progress.
- (4) Preliminary study of high alumina cements.
Specimens made in 1925
 900 || Specimens tested in 1925 | 900 |

PROJECTS IN PROGRESS

- (1) Methods of testing lubricating oil for use in gas tractors, trucks and other motor vehicles.
Preliminary work and organization.
- (2) Service tests of bridge paints.
Outline of problem.
- (3) Cause and control of cracks in concrete pavement slabs.
Study of data obtained.
- (4) Elastic properties of concrete.
Study of data obtained.
- (5) Patented method of finishing concrete pavement.
Specimens made in 1925
 374 || (6) Culvert pipe investigation (Highway Research Board). States visited | 14 |
| Culverts examined | 516 |
| (7) Methods of analysis of concrete. Specimens tested in 1925 | 19 |
| Study of data obtained. | |
| (8) Preservative treatment of wood guard rail posts. Specimens prepared in 1925 | 26 |
| Counties visited for field examinations | 9 |
| (9) Determination of comparative value of Platte River Sand-Gravel. | |

DEVELOPMENT OF TECHNIC

- (10) Behavior of various grades of steel reinforcing in concrete pavements.
Development of technic.
Specimens made in 1925
 13 || Specimens tested in 1925 | 13 |
| (11) Subgrade failures on earth and gravel roads in northeastern Iowa. Test borings made | 474 |
| (12) Study of effect of subgrade soils on different types of roads. Soil samples analyzed | 403 |

SCHEDULE NO. 55
TESTS OF MATERIALS ACCORDING TO COUNTIES

County	No. Samples Tested for Use on		Kind of Materials														Total	
	Primary system	Secondary system	Cement	Sand	Coarse aggregate	Combined aggregate	Drain tile	Reinforcing steel	Metal culvert	Culvert pipe	Bituminous materials, water	Stone	Posts	Guard rail cable	Paint	Soil		Concrete pipe
Adair	10	123	12	45	45	1		1			28							133
Adams	94	10	10	37	49			5										104
Allamakee		13	13															13
Appanoose		6	2		1	1		2										6
Audubon	100	9	20	42	44			5										115
Benton	19	15	20															54
Black Hawk		17	13	1		11	1											17
Boone		8	35	16	2	3	11	1	10					1				43
Bremer		39	12	6	8													39
Buchanan	7	11	13															15
Buena Vista	4	5																9
Butler	43	39	22	12	13	1		11	6									85
Calhoun	1	135	24	34	41	25		11			7			1				186
Carroll	47	34	18	23	27		9											71
Cass	20	58	16	34	42		6											108
Cedar	51	31	22	18	21	14		3										82
Cerro Gordo	1	12	3															13
Cherokee		26	13						12					1				26
Chickasaw	65	36	23	13	19	27	14		4						1			101
Clarke	11	24	4	11	10	5		5										35
Clay	4	49	12	1	1	25												53
Clayton		7	6															7
Clinton	13	29	25	6	15													42
Crawford	27	45	28	42	39				11									122
Dallas	31	72	22	28	29	12			12									104
Davis	128	12	20	47	46	11	4		12									140
Decatur	43	26	8	23	23	3			2									69
Delaware		12	13								1			9				13
Dickinson		2																2
Des Moines	8								7					1				2

Dubuque	1	18	17						2									19
Emmet	10	6	1	4	1			11										21
Fayette	2	25	25	4	15	4		3					2					30
Floyd	17	15	3	5	5	2					1							23
Franklin	4	15	3	5	5	2												23
Fremont		1							1									1
Greene	39	60	19	12	14	11	17	23										99
Grundy	22	47	13	10	11	20	3	2										69
Guthrie		55	10	11	17	8	6	3					1					77
Hardin		20	14															156
Hamilton	5	53	15	14	14	2		5			1							20
Hancock	10	25		5	7			11										29
Harrison	155	1	38	32	68	1		5					1					259
Henry	115	20	23	31	62	1	5	9			2							200
Howard	14	31	6	3	5	7	14	1										55
Humboldt		29	18	17	8			5			6		1					45
Ia	29	18	17	8				5										29
Iowa	196	30	17	24	26	148	1	9										45
Jackson	84	4	26	12	2	40												226
Jasper	15	251	22	76	82	58		16										88
Jefferson	16	64	4	18	15	3		3										266
Johnson		14	22	14	22	1		2										44
Jones	72	12	31	5	13	29	3											80
Keokuk	159	79	39	49	53	3	37	23					4	1				84
Kossuth		1																209
Lee	13	13	10	7	4	1		1										2
Linn	45	45	232	355	575	29	21	9										31
Louis	1,334																	1,334
Lucas		13	3								5	1						13
Lyon	63	16	17	20	20	17	6	4										13
Lyons	44	14	16	3	1	19												81
Madison	8	52	5	28	26			1					4	2	2			58
Mahaska		38	8	2	3	19		5										69
Marion	39	30	15	17	23	2		11			1							69
Marshall	2,961	17	431	906	1,142	369		29										3,809
Mills		1									7							94
Mitchell		23	8	4	3	3	9	1							1			2,978
Monona	88	11	18	30	32	3												23
Monroe	10	7	5	2	1	4		5										99
Montgomery		1																17
Montgomery	7	18	16															1
Muscatine	15	49	24	1	1	11	2	16			1							35
O'Brien		2	9	7														64
Oseola	27	22	21	4	7	5	4	4										11
Palo Alto		4	4															49
Page		2	15	21	39													4
Pottawattamie	82	2	15	21	39													84
Plymouth		22	6															54
Pocahontas	23	22	6								1							54
Polk	2,644	23	436	1,005	1,113			34										3,200
Poweshiek	355	24	21	16	3	222		17			5			5				670

SCHEDULE NO. 35—Continued

County	No. Samples Tested for Use on		Kind of Materials													Total		
	Primary system	Secondary system	Cement	Sand	Coarse aggregate	Combined aggregate	Drain tile	Reinforcing steel	Metal culvert	Culvert pipe	Bituminous materials, water	Stone	Posts	Guard rail cable	Paint		Soil	Concrete pipe
Ringgold.....		3	1	1	1													3
Sac.....	1	144	5	19	21	95		13										145
Scott.....	1,441	19	228	280	806	1		5										1,451
Shelby.....	8	52	11	15	19			2										42
Sioux.....	9	33	15	17	25	21		10		16	1					114		142
Story.....	36	60	13	17	25	21		14		7				5	1	4		102
Tama.....	190	112	32	22	18	228		11										311
Taylor.....	1	9	8					1							1			10
Union.....	53	4	10	17	20	4		2						1				57
Van Buren.....	1	18	0					1										19
Wapello.....	81	41	15	28	30	79		2				1						122
Warren.....	26	82	16	33	47	29		10										110
Washington.....		106	16	32	29	25		1						2	1			105
Wayne.....	6	44	20	14	14									2				50
Webster.....	1	106	12	32	34	1		28										109
Winnebago.....		11	4	2	2			2					1					11
Winneshek.....	17	32	47	2	4			8										63
Woodbury.....	1	20	9	7	4			4										21
Worth.....		15	7	4	3	1												15
Wright.....	14	83	23	32	27			15										97
W. H. Stock.....			47		1			198	25						13			286
Other State Departments.....			11	6	4	3		3										27
Material Resources.....			4	29	14	98	12	20				62		1	5	2		219
Other States.....			1,275	201				2										1,385
Miscellaneous.....			383	59	11	163	1	11										610
Total.....	11,388	3,358	4,582	4,017	5,090	1,963	287	868	49	10	106	74	53	7	148	403	1	17,273

SCHEDULE NO. 36

TESTS OF MATERIALS ACCORDING TO LABORATORIES

Laboratory	Kind of Materials—Number of Tests													Total				
	Cement	Sand	Coarse aggregate	Combined aggregate	Drain tile	Reinforcing steel	Metal culvert	Culvert pipe	Bituminous materials, water	Stone	Posts	Guard rail cable	Paint		Soil	Concrete pipe		
Ames.....	196	271	24	188	29	186	49	3	99	74								1,271
Des Moines.....	1,708	1,629	1,212	169	8	287												5,206
Mason City.....	1,761	106	143	45	219													2,977
Fort Dodge.....		96	113	6	30	226		7				21						540
District No. 8.....		382	228	180														604
District No. 6.....		273	92	96														565
District No. 5.....	1	169	140	111														421
District No. 3.....	1	1	1	5														7
Alden.....			429															429
Buffalo.....		1	980															981
Gifford.....		748		808														1,622
Logrand.....			1,146															1,146
LaSalle.....	229																	229
Muscattine.....		437	569	253														1,359
Louisville, Neb.....			7															7
Minnesota Hwy. Dept.....	19						3			7		32						61
Missouri Hwy. Dept.....	94																	94
Illinois Hwy. Dept.....	194																	194
Total.....	4,262	4,017	5,090	1,963	287	863	49	10	106	74	53	7	148	403	1			17,273

in lending engineering assistance to other state departments was \$3,947.67. (Refer to Chapter VIII and to Schedule No. 49.)

Office Building and Grounds.

The expenditure during the fiscal year toward the construction of the Commission's office building and improvement of grounds was as follows:

Office building	\$ 24,478.04
Side walks, driveway, coal bin, heating tunnel, improvement of grounds, etc.....	12,741.44
Total	\$ 37,219.48

Receipt, Storage, and Repair of Government Equipment.

For the receipt, storage and repair of government equipment during the fiscal year ending June 30, 1925, the Commission spent \$162,874.13. During the same period we collected \$160,217.34 from rentals on some of such equipment, from the sale of spare parts and unserviceable equipment, and for repairs made on equipment assigned to the counties, therefore, the net cost of this phase of the work was \$2,656.79.

This net cost includes \$1,831.57 spent for draining and grading of grounds and permanent improvements leaving \$825.22 as the net operating cost of handling of war surplus equipment and materials.

The government equipment received during 1925 is valued at \$24,395.26.

Federal Aid Engineering Work.

The total expenditure from the federal aid engineering fund for the fiscal year ending June 30, 1925, for engineering in connection with federal aid and primary road work was \$280,729.75. The following is a classification of this expenditure and comparison of 1923, 1924 and 1925. (Refer to Schedule No. 67.)

Classification	1923	1924	1925
Reconnaissance and traffic census.....	\$ 3,705.17	\$ 4,565.42	\$ 5,756.00
Surveys	57,671.43	48,663.63	52,073.24
Profiles	81,392.71	43,968.04	36,060.91
Specifications, conferences and records.....	81,239.39	89,742.87	71,382.54
Bridge and culvert plans.....	38,049.14	29,346.00	22,145.10
Supervising construction and testing materials.....	100,000.97	150,143.03	113,311.87
Totals.....	\$302,149.82	\$354,361.58	\$ 280,729.75

CHAPTER X

Financial Statement

Period Covered.

The data contained herein constitutes a statement of the expenditures from the Commission's Maintenance Fund and from the Federal Aid Engineering Fund, for the fiscal year July 1, 1924, to June 30, 1925, and also a statement of the expenditures from the primary road funds for the year December 1, 1924 to November 30, 1925.

Classification of Expenditures.

The expenditures of the Commission are divided into seven classes as follows:

- Supervision of county and township highway work and purchase of equipment for primary road work.
- Work for other state departments.
- Construction of office building and improvement of grounds.
- Receipt, storage and repair of government equipment.
- Federal aid engineering work.
- Construction work paid for from primary road funds.
- Maintenance work on primary road system.

Supervision of County and Township Road Work, and Purchase of Equipment for Primary Roads.

The total expenditure for supervising county and township road work and purchasing equipment for primary road work for the fiscal year ending June 30, 1925, was \$169,920.05. From this should be deducted \$23,329.64 which was collected as rental on engineering equipment and returned to the Commission's support fund leaving a net cost to the state of \$146,590.41. A comparison of the net cost of this phase of the Commission's work for the past five years follows:

Fiscal year ending June 30, 1921.....	\$146,456.30
Fiscal year ending June 30, 1922.....	128,283.14
Fiscal year ending June 30, 1923.....	130,118.23
Fiscal year ending June 30, 1924.....	99,636.93
Fiscal year ending June 30, 1925.....	169,920.05

Work for Other State Departments.

The total expenditure by the Commission for the past fiscal year

Construction Work Paid for from Primary Road Funds.

The total expenditure for the construction work paid for from Primary Road funds from December 1, 1924, to November 30, 1925, was \$7,389,077.45, and was as follows:

	1924	1925
Primary road fund.....	\$ 3,648,734.81	\$ 3,138,578.18
Primary road bond fund..	4,314,064.15	2,429,819.08
Anticipation certificates...	2,956,628.22	1,612,974.46
Special assessments	-517,775.43*	17,919.72
County funds	17,846.42	.00
City funds	307,435.94	189,786.01
Totals.....	\$10,726,934.11	\$ 7,389,077.45

This expenditure, classified according to the kind of work, is as follows:

	1924	1925
Grading	\$ 3,485,083.54	\$ 2,238,995.28
Graveling	776,236.25	748,990.82
Paving	3,444,846.45	1,961,748.53
Drainage	287,338.72	161,780.22
Bridges and culverts.....	1,411,733.96	1,445,273.27
Guard rail	301,336.35	117,949.73
Right of way.....	629,911.14	411,451.93
Machinery and equipment..	-1,358.47	34,614.64
Engineering	391,806.57	268,273.03
Totals.....	\$10,728,292.58	\$ 7,389,077.45
Refund on machinery and equipment	1,358.47	.....
Totals.....	\$10,726,934.11	\$ 7,389,077.45

This expenditure, classified according to Road Systems, is as follows:

	1924	1925
Primary roads	\$10,479,315.42	\$ 6,887,967.98
Secondary roads	247,618.69	501,109.47
Totals.....	\$10,726,934.11	\$ 7,389,077.45

The total expenditure for construction work paid for from Primary Road funds since the first federal aid law became effective to November 30, 1925, was \$65,252,545.56, and was as follows:

Primary road fund.....	\$34,733,873.14
Primary road bond fund.....	16,328,888.15
Anticipation certificates	10,114,502.50

Special assessments	2,612,232.60
County funds	318,177.97
City funds	1,144,871.20
Total.....	\$65,252,545.56

This expenditure, classified according to the kind of work, is as follows:

Grading	\$23,066,407.36
Graveling	5,449,848.99
Paving	20,857,407.98
Drainage	3,019,445.32
Bridges and culverts.....	8,046,768.19
Guard rail	909,645.61
Right of way.....	1,329,567.49
Machinery and equipment.....	140,755.10
Engineering	2,432,699.52
Total.....	\$65,252,545.56

This expenditure, classified according to Road Systems, is as follows:

Primary roads	\$64,502,761.66
Secondary roads	749,783.90
Total.....	\$65,252,545.56

Maintenance Work on the Primary Road System.

During the year December 1, 1924, to December 1, 1925, the cost of maintaining the primary road system was \$3,021,003.93. Since the primary road system contains 6,674.1 miles, the maintenance cost averaged \$452.65 per mile.

Summary Statement of Primary Road Fund.

Balance on hand December 1, 1924.....	\$ 2,512,575.73
Receipts—	
Federal aid	\$ 245,595.73
Auto fees	8,620,805.36
Gas tax	799,144.40
Total receipts	9,665,545.49
Total	\$12,178,121.22
Expended during 1925.....	9,429,978.27
Balance on hand November 30, 1925.....	\$ 2,748,142.95

The balance in the primary road fund on November 30, 1925,

*Minus quantity due to refund of one-half assessments.

\$2,748,142.95, is in the hands of the state treasurer and the various county treasurers of the State of Iowa.

Primary Road Bonds and Certificates Outstanding.

On November 30, 1925, there were primary road bonds outstanding in the sum of \$13,224,500.00. These bonds had been issued by thirteen counties (Refer to Schedule 78). On the same date the anticipation certificates outstanding amounted to \$1,976,500.00. These certificates were outstanding in forty-one counties (Refer to Schedule No. 79).

SCHEDULE NO. 37

SUMMARY OF EXPENDITURES—JULY 1, 1924 TO JUNE 30, 1925

Department	Paid from Maintenance Fund			Charged to Federal Aid Engineering Fund			Net from Maintenance Fund
	Salary	Expense	Total	Salary	Expense	Total	
Commissioners	\$ 2,120.00	\$ 2,904.64	\$ 5,024.64	\$ 1,500.00	\$ 944.50	\$ 2,534.50	\$ 2,490.05
Executive department ..	11,685.00	1,168.35	12,783.35	6,312.50	502.86	6,845.36	5,942.99
Dept. of purchases and accounts	18,410.79	536.28	18,947.07	4,457.20	99.26	4,556.46	14,390.61
Account division	27,249.91	57.17	27,307.08	25,222.54	43.83	25,266.37	2,040.71
Dept. of road administration	6,735.28	72.89	6,808.17	4,556.09	42.82	4,598.91	2,209.26
Dept. of road design—Plans	20,745.23	1,581.28	22,326.51	19,727.14	1,496.17	21,223.31	1,103.20
Dept. of road design—Surveys	22,991.05	4,118.63	27,109.68	22,991.05	1,975.56	24,966.61	2,143.07
Dept. of road construction	18,565.03	8,459.67	27,024.70	18,555.63	4,459.55	23,015.18	4,009.52
Machinery and equipment division	56,792.45	234.52	56,927.00	—	—	—	56,927.00
Dept. of road maintenance	8,555.87	4,361.70	12,917.57	—	—	—	12,917.57
Bridge department	37,944.47	1,963.55	38,108.02	18,429.81	883.02	19,202.33	18,845.69
Drainage department	2,087.47	492.77	2,580.24	—	—	—	2,580.24
Women's drafting Dept.	16,569.17	1.30	16,570.27	10,513.32	1.10	10,514.42	6,055.85
Dept. of materials and tests	55,787.39	21,063.99	76,851.28	54,970.34	5,071.31	60,041.65	16,799.73
Board of conservation state parks	2,485.99	1,461.68	3,947.67	—	—	—	3,947.67
Office building and grounds	3,471.33	42,499.25	45,970.58	223.67	506.21	729.88	45,240.70
Equipment and supplies	147,117.45	147,117.45	—	—	—	—	147,117.45
District offices	78,137.03	29,137.67	107,274.70	32,967.11	10,629.04	43,596.15	63,678.55
Totals	\$888,433.40	\$268,257.59	\$1,156,691.00	\$220,545.00	\$60,182.85	\$280,727.75	\$875,963.25

SCHEDULE NO. 38

COMMISSIONERS—JULY 1, 1924 TO JUNE 30, 1925

Name	Paid from Maintenance Fund			Charged to Federal Aid Engineering Fund			Net from Maintenance Fund
	Salary	Expense	Total	Salary	Expense	Total	
J. W. Holden	\$ 1,160.00	\$ 753.13	\$ 1,913.13	\$ 870.00	\$ 566.07	\$ 1,436.07	\$ 477.06
Wm. Collinson	960.00	475.65	1,435.65	720.00	357.68	1,077.68	357.97
Anson Marston	—	27.78	27.78	—	20.84	20.84	6.94
Departmental transportation	—	1,648.08	1,648.08	—	—	—	1,648.08
Totals	\$ 2,120.00	\$ 2,904.64	\$ 5,024.64	\$ 1,590.00	\$ 944.50	\$ 2,534.50	\$ 2,490.05

SCHEDULE NO. 39

OFFICE BUILDING AND GROUNDS—JULY 1, 1924 TO JUNE 30, 1925

Item	Paid from Maintenance			Charged to Federal Aid Engineering Fund			Net from Maintenance Fund
	Salary	Expense	Total	Salary	Expense	Total	
Office Building—							
Capital investment		\$24,478.04	\$24,478.04				\$ 24,478.04
Operation	\$ 2,361.33		2,361.33	\$ 223.67		223.67	2,367.66
Office Grounds—							
Capital investment		4,119.83	4,119.83		\$ 158.18	158.18	3,961.65
Operation	440.00		440.00				440.00
Heating Plant—							
Capital investment		8,821.61	8,821.61		77.29	77.29	8,544.32
Operation	440.00	2,311.63	2,751.63		.75	.75	2,750.28
Equipment of Building—							
Operation		978.01	978.01		147.50	147.50	830.51
Light		568.60	568.60		11.38	11.38	557.22
Water		289.38	289.38				289.38
Power		496.37	496.37		111.11	111.11	385.26
Repairs		641.38	641.38				641.38
Totals	\$ 3,471.33	\$42,409.25	\$45,970.58	\$ 223.67	\$ 506.21	\$ 729.88	\$ 45,240.70

SCHEDULE NO. 40

EXECUTIVE DEPARTMENT—JULY 1, 1924 TO JUNE 30, 1925

Name	Paid from Maintenance Fund			Charged to Federal Aid Engineering Fund			Net from Maintenance Fund
	Salary	Expense	Total	Salary	Expense	Total	
P. R. White, chief engineer	\$ 7,500.00	\$ 606.00	\$ 8,106.00	\$ 3,750.00	\$ 502.86	\$ 4,252.86	\$ 3,853.13
T. R. Agg, consulting road engineer	1,000.00	20.62	1,020.62	1,000.00		1,000.00	30.62
A. H. Fuller, consulting bridge engineer	1,500.00		1,500.00	750.00		750.00	750.00
May Vanderlinden, secretary	1,685.00	10.70	1,695.70	842.50		842.50	853.20
Departmental transportation		465.04	465.04				465.04
Totals	\$11,685.00	\$ 1,103.36	\$12,788.36	\$ 6,342.50	\$ 502.86	\$ 6,845.36	\$ 5,942.99

SCHEDULE NO. 41

DEPARTMENT OF PURCHASES AND ACCOUNTS—JULY 1, 1924 TO JUNE 30, 1925

Name	Paid from Maintenance Fund			Charged to Federal Aid Engineering Fund			Net from Maintenance Fund
	Salary	Expense	Total	Salary	Expense	Total	
C. R. Jones, auditor	\$ 3,800.00	\$ 772.94	\$ 4,572.94	\$ 1,900.01	\$ 86.46	\$ 1,986.47	\$ 2,586.47
Grace Baustian, file clerk	1,385.00		1,385.00	692.50		692.50	692.50
Mrs. Clarice Harper, stenographer	1,220.00		1,220.00	610.00		610.00	610.00
Mrs. Grace Duncan, stenographer	238.81		238.81	123.02		123.02	115.79
J. W. Eichinger, bulletin editor	2,800.00	73.40	2,873.40				2,873.40
Grayce Johnson, stenographer	959.42		959.42				959.42
Mose Dressler, blue print clerk	1,600.00		1,600.00	89.75		89.75	1,506.25
Mildred C. Severson, blue print clerk	1,405.00		1,405.00	97.50		97.50	1,307.50
A. V. Carey, inventory clerk	923.97	33.92	956.99		12.80	12.80	944.19
L. H. Doggett, store room clerk	1,600.00		1,600.00				1,600.00
Leo Thompson, stenographer	500.00		500.00	250.00		250.00	250.00
Anna S. Lynch, stenographer	600.00		600.00	300.00		300.00	300.00
Cleo Duckworth, clerk	544.19		544.19	272.09		272.09	272.10
Extra help	835.30		835.30	118.33		118.33	716.97
Departmental transportation		256.02	256.02				256.02
Totals	\$18,410.79	\$ 536.28	\$18,947.07	\$ 4,457.20	\$ 99.26	\$ 4,556.46	\$14,390.61

SCHEDULE NO. 42

ACCOUNT DIVISION—JULY 1, 1924 TO JUNE 30, 1925

Name	Paid from Maintenance Fund			Charged to Federal Aid Engineering Fund			Net from Maintenance Fund
	Salary	Expense	Total	Salary	Expense	Total	
E. T. Burk, chief clerk.....	\$ 2,763.34	\$ 30.59	\$ 2,793.93	\$ 2,763.34	\$ 29.59	\$ 2,792.93	
C. W. Ott, audit clerk.....	2,169.00	22.38	2,191.38	1,890.00	20.62	1,910.62	272.36
F. D. Silvers, audit clerk.....	1,570.00		1,570.00	1,570.00		1,570.00	
Lester Gardner, audit clerk.....	1,570.00		1,570.00	1,570.00		1,570.00	
E. W. Hanna, audit clerk.....	1,570.00		1,570.00	1,570.00		1,570.00	
J. E. Harrison, clerk.....	2,300.00	19.98	2,319.98	1,100.00		1,100.00	1,219.98
B. Edith Clark, clerk.....	1,325.00		1,325.00	1,325.00		1,325.00	
Mrs. Margaret G. Near, clerk.....	920.32		920.32	920.32		920.32	
D. C. McNeill, bookkeeper.....	2,045.00		2,045.00	1,789.37		1,789.37	255.63
F. G. Nelson, assistant bookkeeper.....	1,445.00		1,445.00	1,445.00		1,445.00	
Edward Judge, assistant bookkeeper.....	1,270.00	3.22	1,273.22	1,270.00	3.22	1,273.22	
Nelly Maroney, record clerk.....	1,445.00		1,445.00	1,083.75		1,083.75	361.25
Gladys Kern, stenographer.....	944.50		944.50	944.50		944.50	
Mona Griffith, stenographer.....	915.00		915.00	915.00		915.00	
Dorothy Duval, stenographer.....	905.00		905.00	905.00		905.00	
Mrs. Mary Loughran, stenographer.....	463.30		463.30	463.30		463.30	
Myrtle Ray, stenographer.....	474.68		474.68	474.68		474.68	
Sylvia Smitzer, stenographer.....	342.50		342.50	342.50		342.50	
Julia Hanna, stenographer.....	180.24		180.24	180.24		180.24	
Gladys Richmond, stenographer.....	423.38		423.38	423.38		423.38	
Eleanor Youngerman, stenographer.....	338.55		338.55	338.55		338.55	
Julia Eldridge, stenographer.....	259.00		259.00	259.00		259.00	
Dorothy Cole, stenographer.....	164.00		164.00	164.00		164.00	
Mrs. W. H. Douglas, stenographer.....	179.51		179.51	179.51		179.51	
Laura Belle Nelson, stenographer.....	300.00		300.00	300.00		300.00	
Edna M. Jansen, stenographer.....	427.50		427.50	427.50		427.50	
Doris Mae Akin, stenographer.....	150.00		150.00	150.00		150.00	
Mildred Porter, stenographer.....	300.00		300.00	300.00		300.00	
Mrs. E. M. Wood, stenographer.....	364.20		364.20	364.20		364.20	
Extra help.....	234.80		234.80	194.30		194.30	40.50
Totals.....	\$67,249.91	\$ 57.17	\$ 67,307.08	\$23,222.54	\$ 43.83	\$ 23,266.37	\$ 2,040.71

SCHEDULE NO. 43

DEPARTMENT OF ROAD ADMINISTRATION—JULY 1, 1924 TO JUNE 30, 1925

Name	Paid from Maintenance Fund			Charged to Federal Aid Engineering Fund			Net from Maintenance Fund
	Salary	Expense	Total	Salary	Expense	Total	
M. L. Hutton, engineer of road administration.....	\$ 3,500.00	\$ 30.57	\$ 3,530.57	\$ 2,624.98	\$.50	\$ 2,625.48	\$ 905.09
Anne Vanderlinden.....	1,868.34		1,868.34	904.17		904.17	964.17
Extra help.....	1,426.94	42.32	1,469.26	1,026.94	42.32	1,069.26	400.00
Totals.....	\$ 6,795.28	\$ 72.89	\$ 6,868.17	\$ 4,556.09	\$ 42.82	\$ 4,598.91	\$ 2,269.26

SCHEDULE NO. 44

DEPARTMENT OF ROAD DESIGN—JULY 1, 1924 TO JUNE 30, 1925

Name	Paid from Maintenance Fund			Charged to Federal Aid Engineering Fund			Net from Maintenance Fund
	Salary	Expense	Total	Salary	Expense	Total	
W. E. Jones, engineer of road design.....	\$ 4,500.00	\$ 492.45	\$ 4,992.45	\$ 4,492.50	\$ 483.07	\$ 4,975.57	\$ 16.88
E. R. Meredith, assistant engineer of road design.....	3,200.00	1,021.29	4,221.29	3,167.99	596.42	3,764.41	456.88
Robert McCormick, resident engineer.....	2,700.00	13.82	2,713.82	2,484.00	7.10	2,491.10	222.72
F. O. Schneider, road designer.....	2,700.00		2,700.00	2,619.00		2,619.00	81.00
H. S. Leicht, road designer.....	2,283.55	8.54	2,292.09	2,263.55	4.60	2,268.15	23.94
Carl Albaugh, road draftsman.....	2,308.33		2,308.33	2,292.99		2,292.99	15.34
H. W. Groth, road draftsman.....	920.29	4.08	924.37	909.75	4.08	913.83	10.54
Extra help.....	2,167.06	6.19	2,173.25	1,467.36		1,467.36	705.89
Departmental transportation.....		35.00	35.00				35.00
Totals.....	\$20,745.23	\$ 1,581.28	\$ 22,326.51	\$19,727.14	\$1,496.17	\$ 21,223.31	\$ 1,103.20

SCHEDULE NO. 45

DEPARTMENT OF ROAD SURVEYS—JULY 1, 1924 TO JUNE 30, 1925

Name	Paid from Maintenance Fund			Charged to Federal Aid Engineering Fund			Net from Maintenance Fund
	Salary	Expense	Total	Salary	Expense	Total	
C. R. Bents, chief of party	\$ 2,322.38	\$ 145.00	\$ 2,467.38	\$ 2,322.38	\$ 141.18	\$ 2,463.56	\$ 3.82
L. E. Clayton, chief of party	1,970.41	236.85	2,207.26	1,970.41	235.89	2,206.30	.96
P. K. Peston, chief of party	532.15	27.92	560.07	552.15	27.92	580.07	—
S. A. Schaacke, chief of party	543.64	95.94	639.58	543.64	89.79	633.44	6.24
Don L. Teal, chief of party	1,074.71	22.95	1,097.66	1,074.71	22.95	1,097.66	—
E. A. Zaak, chief of party	577.95	4.15	582.10	577.95	3.29	581.15	.95
C. V. Bair, instrumentman	794.66	12.68	807.34	794.66	12.68	807.34	—
Hugo Benefel, instrumentman	353.22	19.08	372.30	353.22	9.98	363.20	9.40
Geo. L. Christiansen, instrumentman	452.90	32.98	485.88	452.90	32.98	485.88	—
M. L. Clement, instrumentman	892.55	90.29	982.84	892.55	90.29	982.84	—
M. P. Koonan, instrumentman	378.39	9.96	388.35	378.39	9.96	388.35	—
Jon G. Durham, instrumentman	287.18	25.20	312.38	287.18	25.20	312.38	—
A. G. Hart, instrumentman	111.65	41.49	153.14	111.65	39.57	150.62	1.92
C. P. Lechner, instrumentman	1,517.92	234.70	1,752.62	1,517.92	247.47	1,765.39	7.23
F. B. Lechner, instrumentman	1,261.30	224.71	1,486.01	1,261.30	224.71	1,486.01	—
M. Moss, instrumentman	676.61	92.26	768.87	676.61	92.26	768.87	—
Gale Anderson, rodman	135.00	—	135.00	135.00	—	135.00	—
C. L. Benefel, rodman	80.20	—	80.20	80.20	—	80.20	—
E. A. Coburn, rodman	212.58	—	212.58	212.58	—	212.58	—
E. G. Henningsen, rodman	211.94	2.07	214.01	211.94	2.07	214.01	—
H. J. Hindman, rodman	153.23	8.90	162.13	153.23	8.90	162.13	—
E. V. John, rodman	567.57	2.73	570.30	567.57	2.73	570.30	—
Leo L. Lawton, rodman	309.58	3.10	312.68	309.58	—	309.58	3.10
H. L. Lyon, rodman	64.62	—	64.62	64.62	—	64.62	—
O. K. Malcolm, rodman	383.88	48.20	432.08	383.88	48.20	432.08	—
Howard McCorkle, rodman	290.58	9.31	300.89	290.58	6.10	296.68	3.21
J. G. McFadden, rodman	469.60	22.66	492.26	469.60	22.66	492.26	—
Carl H. Parker, rodman	452.16	—	452.16	452.16	—	452.16	—
Lawrence Peterson, rodman	601.72	23.32	625.04	601.72	19.45	621.17	3.87
R. G. Rollstin, rodman	134.00	—	134.00	134.00	—	134.00	—
Win. J. Sheehan, rodman	337.42	—	337.42	337.42	—	337.42	—
Carroll Teter, rodman	337.60	—	337.60	337.60	—	337.60	—
Robert Vance, rodman	328.00	—	328.00	328.00	—	328.00	—
Leonard E. Walker, rodman	212.91	3.93	216.84	212.91	3.93	216.84	—
Wm. J. Wearsmouth, rodman	162.99	29.12	192.11	162.99	29.12	192.11	—
C. J. White, rodman	169.14	—	169.14	169.14	—	169.14	—
D. B. Wynore, rodman	1,036.99	224.05	1,261.04	1,036.99	224.05	1,261.04	—
J. A. Wynore, rodman	924.19	15.22	939.41	924.19	15.22	939.41	—
Extra help	1,908.73	277.51	2,186.24	1,908.73	275.41	2,184.14	2.10
Departmental transportation	—	12.68	12.68	—	12.08	12.08	—
Totals	\$22,991.05	\$ 4,118.63	\$27,109.68	\$22,991.05	\$1,975.56	\$24,966.61	\$ 2,143.07

SCHEDULE NO. 46

DEPARTMENT OF ROAD CONSTRUCTION—JULY 1, 1924 TO JUNE 30, 1925

Name	Paid from Maintenance Fund			Charged to Federal Aid Engineering Fund			Net from Maintenance Fund
	Salary	Expense	Total	Salary	Expense	Total	
F. H. Mann, assistant chief engineer	\$ 4,800.00	\$ 228.56	\$ 5,028.56	\$ 4,800.00	\$ 226.25	\$ 5,026.25	\$ 2.31
H. K. Davis, chief inspector	3,300.00	459.50	3,759.50	3,300.00	459.50	3,759.50	—
G. S. Foster, general inspector	3,178.97	424.73	3,603.70	3,178.97	424.65	3,603.62	.08
H. O. Hickok, right-of-way engineer	3,168.33	2,174.49	5,342.82	3,168.33	2,137.99	5,306.32	36.50
W. F. Nichols, right-of-way draftsman	2,700.00	1,141.10	3,841.10	2,700.00	1,141.10	3,841.10	—
Mrs. Leila Vanderlinden, stenographer	1,383.00	—	1,383.00	1,383.00	—	1,383.00	—
Extra help	92.73	—	92.73	83.33	—	83.33	9.40
Departmental transportation	—	3,961.29	3,961.29	—	—	—	3,961.29
Totals	\$18,565.00	\$ 8,456.67	\$27,021.67	\$18,555.63	\$4,459.55	\$23,015.18	\$ 4,006.52

SCHEDULE NO. 47

DEPARTMENT OF ROAD CONSTRUCTION—MACHINERY AND EQUIPMENT DIVISION
JULY 1, 1924 TO JUNE 30, 1925

Name	Paid from Maintenance Fund			Charged to Federal Aid Engineering Fund			Net from Maintenance Fund
	Salary	Expense	Total	Salary	Expense	Total	
R. W. Clyde, superintendent of machinery and equipment	\$ 3,000.00	—	\$ 3,000.00	—	—	—	\$ 3,000.00
Chas. Kinderman, repair shop foreman	2,808.33	17.49	2,825.82	—	—	—	2,825.82
F. E. Been, storekeeper	1,810.00	—	1,810.00	—	—	—	1,810.00
Earl E. Enke, clerk	1,810.00	—	1,810.00	—	—	—	1,810.00
Geo. P. Hayworth, watchman	1,300.00	—	1,300.00	—	—	—	1,300.00
Truck sheds, building and grounds:	—	—	—	—	—	—	—
Capital investment	—	1,831.57	1,831.57	—	—	—	1,831.57
Operation	—	21.90	2,325.55	—	—	—	2,347.45
Extra help	45,142.25	154.66	45,296.91	—	—	—	45,296.91
New cars	—	*4,196.75	*4,196.75	—	—	—	*4,196.75
Postage	—	102.00	102.00	—	—	—	102.00
Totals	\$58,792.48	\$ 234.52	\$60,027.00	—	—	—	\$60,027.00

*Minus quantity.

SCHEDULE NO. 48

DEPARTMENT OF ROAD MAINTENANCE—JULY 1, 1924 TO JUNE 30, 1925

Name	Paid from Maintenance Fund			Charged to Federal Aid Engineering Fund			Net from Maintenance Fund
	Salary	Expense	Total	Salary	Expense	Total	
W. H. Root, engineer of road maintenance	\$ 4,500.00	\$ 1,776.00	\$ 6,276.00	—	—	—	\$ 6,276.00
T. B. Perry, assistant maintenance engineer	3,208.33	256.47	3,464.80	—	—	—	3,464.80
Extra help	847.54	198.63	1,046.17	—	—	—	1,046.17
Departmental transportation	—	2,180.00	2,180.00	—	—	—	2,180.00
Totals	\$ 8,555.87	\$ 4,361.70	\$12,917.57	—	—	—	\$12,917.57

SCHEDULE NO. 49

BOARD OF CONSERVATION STATE PARKS—JULY 1, 1924 TO JUNE 30, 1925

Name	Paid from Maintenance Fund			Charged to Federal Aid Engineering Fund			Net from Maintenance Fund
	Salary	Expense	Total	Salary	Expense	Total	
M. I. Hutton, engineer of road administration		\$ 521.80	\$ 521.80				\$ 521.80
Eugene Cook, chief of party	\$ 774.50	168.78	943.28				943.28
Roy M. Young, chief of party	158.49	159.35	317.84				317.84
A. A. Lyon, instrumentman	322.58	297.27	619.85				619.85
H. A. Beckett, rodman	100.40	7.55	107.95				107.95
Ralph Broadston, rodman	350.82	236.50	587.32				587.32
Extra help	579.70	170.43	750.13				750.13
Totals	\$ 2,485.99	\$ 1,461.68	\$ 3,947.67				\$ 3,947.67

SCHEDULE NO. 51

DRAINAGE DEPARTMENT—JULY 1, 1924 TO JUNE 30, 1925

Name	Paid from Maintenance Fund			Charged to Federal Aid Engineering Fund			Net from Maintenance Fund
	Salary	Expense	Total	Salary	Expense	Total	
J. B. Spiegel, hydraulic engineer	\$ 1,583.34	\$ 218.50	\$ 1,801.84				\$ 1,801.84
Gauge readers	504.13		504.13				504.13
Departmental transportation		274.27	274.27				274.27
Totals	\$ 2,087.47	\$ 492.77	\$ 2,580.24				\$ 2,580.24

SCHEDULE NO. 50

BRIDGE DEPARTMENT—JULY 1, 1924 TO JUNE 30, 1925

Name	Paid from Maintenance Fund			Charged to Federal Aid Engineering Fund			Net from Maintenance Fund
	Salary	Expense	Total	Salary	Expense	Total	
J. H. Ames, bridge engineer	\$ 4,500.00	\$ 304.21	\$ 4,804.21	\$ 2,250.00	\$ 189.50	\$ 2,439.50	\$ 2,364.71
E. W. Blumenschein, assistant bridge engineer	3,508.23	267.37	3,775.70	1,754.15	197.27	1,951.42	1,824.28
W. N. Adams, chief bridge designer	3,060.00	8.12	3,068.12	1,530.75	8.12	1,538.87	1,736.25
R. E. Braun, bridge designer	2,616.67	146.57	2,763.24	1,308.34	146.57	1,454.91	1,318.33
C. H. Cook, bridge draftsman	2,508.33	64.38	2,572.71	1,254.17	64.38	1,318.55	1,254.17
L. J. Wallis, bridge draftsman	2,025.81		2,025.81	1,012.91		1,012.91	1,012.91
Hubert Schmidt, bridge draftsman	2,400.00	30.50	2,430.50	1,200.00	20.10	1,220.10	1,210.40
J. E. Hilland, bridge draftsman	2,400.00	19.53	2,419.53	1,200.00	19.53	1,219.53	1,200.00
R. J. DeLaffont, bridge draftsman	2,400.00	15.97	2,415.97	1,200.00	15.97	1,215.97	1,200.00
Paul Barnard, bridge draftsman	2,400.00	63.44	2,463.44	1,200.00	31.72	1,231.72	1,231.72
H. A. Hanson, bridge draftsman	2,008.33	5.12	2,013.45	1,004.17	5.12	1,009.29	1,004.17
H. W. Schneider, bridge draftsman	1,900.00		1,900.00	950.00		950.00	950.00
R. H. Avenell, inspector	992.00	2.33	994.33	496.00	2.33	498.33	496.00
Harry Bowman, railroad crossing engineer	2,000.00	129.61	2,129.61	1,000.00	64.81	1,064.81	1,064.81
Frank Howell, record clerk	1,800.00		1,800.00	900.00		900.00	900.00
Extra help	25.00		25.00				25.00
Departmental transportation		10.00	10.00				10.00
Totals	\$7,044.47	\$ 1,083.55	\$ 8,128.02	\$ 3,562.31	\$ 321.22	\$ 3,883.53	\$ 4,244.49

SCHEDULE NO. 52

WOMEN'S DRAFTING DEPARTMENT—JULY 1, 1924 TO JUNE 30, 1925

Name	Paid from Maintenance Fund			Charged to Federal Aid Engineering Fund			Net from Maintenance Fund
	Salary	Expense	Total	Salary	Expense	Total	
W. T. Ide, chief draftsman	\$ 2,549.44	\$ 1.70	\$ 2,551.14	\$ 1,274.72	\$ 1.70	\$ 1,276.42	\$ 1,274.72
Violet Roberson, draftsman	1,433.33		1,433.33	716.67		716.67	716.67
Belle Courtney, draftsman	1,282.26		1,282.26	641.13		641.13	641.13
Lena Alt, draftsman	1,500.00		1,500.00	750.00		750.00	750.00
Mrs. J. D. Kaser, draftsman	1,320.00		1,320.00	660.00		660.00	660.00
Edna Ruston, draftsman	1,200.00		1,200.00	600.00		600.00	600.00
E. Irene Higley, draftsman	796.77		796.77	398.39		398.39	398.39
Edna Unger, draftsman	1,085.00		1,085.00	542.50		542.50	542.50
Ruth Stieglitz, draftsman	345.00		345.00	172.50		172.50	172.50
Eloise Waite, apprentice	1,085.00		1,085.00	542.50		542.50	542.50
Elizabeth Scovel, apprentice	793.03		793.03	396.52		396.52	396.52
Mrs. Vera Gibson, apprentice	401.78		401.78	200.89		200.89	200.89
Lina Michels, apprentice	351.29		351.29	175.65		175.65	175.65
Evelyn Compton, tracer	926.45		926.45	463.23		463.23	463.23
Louise Carstensen, tracer	965.00		965.00	482.50		482.50	482.50
Frank Paladin, draftsman	420.50		420.50	210.25		210.25	210.25
Extra help	114.29		114.29	57.15		57.15	57.15
Totals	\$16,969.17	\$ 1.70	\$ 17,070.87	\$ 8,534.59	\$ 1.70	\$ 8,536.29	\$ 8,534.59

SCHEDULE NO. 53

DEPARTMENT OF MATERIALS AND TESTS—JULY 1, 1924 TO JUNE 30, 1925

Name	Paid from Maintenance Fund			Charged to Federal Aid Engineering Fund			Net from Maintenance Fund
	Salary	Expense	Total	Salary	Expense	Total	
R. W. Crum, engineer materials and tests.....	\$ 4,500.00	\$ 886.29	\$ 5,386.29	\$ 4,500.00	\$ 889.29	\$ 5,389.29	17.10
Bert Meyers, assistant engineer of materials and tests.....	2,208.33	164.90	2,373.23	2,208.33	118.34	2,326.67	46.56
Verna Knutson, stenographer.....	1,210.00		1,210.00	1,210.00		1,210.00	
Material Resource Division:							
Mark Morris, Inspector.....	2,708.34	146.36	2,854.70	2,708.34	146.36	2,854.70	
Clyde Mason, Inspector.....	233.34		233.34	233.34		233.34	
AMES Laboratory—							
Paul Critz, laboratory chief.....	2,508.33	86.20	2,594.53	2,508.33	75.82	2,584.15	10.37
H. A. Christopherson, chemist.....	2,125.00	28.06	2,153.06	2,075.00	28.06	2,103.06	50.00
L. W. Wood, Inspector.....	1,226.02	159.04	1,385.06	1,226.02	159.04	1,385.06	
E. M. Ward, Inspector.....	1,517.42	159.08	1,676.50	1,517.42	159.08	1,676.50	
G. A. Pugsley, Inspector.....	888.07	134.94	1,023.01	888.07	134.94	1,023.01	30.84
Clyde Mason, Inspector.....	2,354.16	282.66	2,636.82	2,354.16	282.66	2,636.82	
Jay Elliott, Inspector.....	1,778.23	122.98	1,901.21	1,778.23	122.98	1,901.21	
L. G. Banner, Inspector.....	1,439.09	14.70	1,453.79	1,439.09	14.70	1,453.79	
G. M. Allen, Inspector.....	493.55		493.55	493.55		493.55	
R. M. Combs, laboratory assistant.....	935.81	215.09	1,150.90	935.81	215.09	1,150.90	
Leslie Clausen, laboratory assistant.....	586.65	53.90	640.55	586.65	53.90	640.55	
J. R. Clements, laboratory assistant.....	916.77	37.87	954.64	916.77	37.87	954.64	
Bert Dehanney, laboratory assistant.....	34.40		34.40	34.40		34.40	
S. V. Fallor, laboratory assistant.....	300.00	143.05	443.05	300.00	143.05	443.05	
Leon Fuller, laboratory assistant.....	280.00		280.00	280.00		280.00	
John Hamilton, laboratory assistant.....	146.77	7.20	153.97	146.77	6.15	152.92	1.06
David C. Hanson, laboratory assistant.....	250.00	28.27	278.27	250.00	28.27	278.27	
Howard Hughes, laboratory assistant.....	220.00		220.00	220.00		220.00	
Maxwell L. Joy, laboratory assistant.....	457.80		457.80	457.80		457.80	
J. D. Kaser, laboratory assistant.....	401.17	6.41	407.58	401.17	6.45	407.62	
Karl L. Lee, laboratory assistant.....	1,460.15		1,460.15	1,460.15		1,460.15	
Wayne McCroly, laboratory assistant.....	700.00		700.00	700.00		700.00	
Fred J. Morgan, laboratory assistant.....	300.67		300.67	300.67		300.67	1.00
Gerald K. Neal, laboratory assistant.....	204.00	13.44	217.44	204.00		204.00	13.44
Eugene Nelson, laboratory assistant.....	246.00	145.25	391.25	246.00	144.15	390.15	1.10
James Poage, laboratory assistant.....	204.00	153.26	357.26	204.00	153.26	357.26	
Eugene Walsh, laboratory assistant.....	280.00		280.00	280.00		280.00	
DES MOINES Laboratory—							
Vere Ewing, laboratory chief.....	2,508.33	1,298.51	3,806.84	2,508.33	1,298.51	3,806.84	
M. D. Wickware, assistant laboratory chief.....	2,100.00		2,100.00	2,100.00		2,100.00	
L. G. Banner, Inspector.....	370.00		370.00	370.00		370.00	
J. R. Clements, laboratory assistant.....	763.23	9.50	772.73	763.23	9.50	772.73	
Mark Critz, laboratory assistant.....	500.00		500.00	475.00		475.00	25.00
Maxwell Joy, laboratory assistant.....	681.45	1.31	682.76	681.45		681.45	1.31
Norman Larson, laboratory assistant.....	200.00		200.00	200.00		200.00	
Stewart Larson, laboratory assistant.....	932.10		932.10	932.10		932.10	

SCHEDULE NO. 53—Continued

Name	Paid from Maintenance Fund			Charged to Federal Aid Engineering Fund			Net from Maintenance Fund
	Salary	Expense	Total	Salary	Expense	Total	
Frank A. Wright, laboratory assistant.....	1,000.33		1,000.33	1,000.33		1,000.33	
MASON CITY Laboratory—							
Benjamin L. Bowling, laboratory chief.....	2,508.33	21.06	2,529.39	2,508.33	21.06	2,529.39	
Boyd T. Ellis, laboratory assistant.....	300.00		300.00	300.00		300.00	
Chas. LaRoe, laboratory assistant.....	1,508.34	22.95	1,531.29	1,508.34		1,508.34	22.95
Chas. S. Meyer, laboratory assistant.....	1,061.50		1,061.50	1,061.50		1,061.50	
Edward McCoy, laboratory assistant.....	845.00	2.62	847.62	845.00	2.62	847.62	
Max A. Minott, laboratory assistant.....	152.00		152.00	152.00		152.00	
Kingsley Rodgers, laboratory assistant.....	305.00		305.00	305.00		305.00	
H. W. Vogel, laboratory assistant.....	500.00		500.00	500.00		500.00	
Alonzo Whitney, laboratory assistant.....	271.33		271.33	271.33		271.33	
FORT DODGE Laboratory—							
R. A. Breitenross, laboratory assistant.....	2,308.33	130.20	2,438.53	2,308.33	119.50	2,427.83	.63
R. H. Densmore, laboratory assistant.....	505.16	1.20	506.36	505.16	1.20	506.41	.63
Wayne McCroly, Laboratory assistant.....	280.00	21.25	301.25	280.00	21.25	301.25	
W. E. Rouser, laboratory assistant.....	206.67	12.40	219.07	206.67	12.40	219.07	
Extra help.....	681.86	.95	682.81	674.86		674.86	7.95
LUCAS County Experimental Road—							
Labor.....	510.80	96.99	607.79				637.79
Supplies.....		3,444.36	3,444.36				3,444.36
MILLS County Experimental Road—							
Labor.....	193.25	1.30	194.55				194.55
Supplies.....		3,246.01	3,246.01				3,246.01
Office rental.....		720.00	720.00			720.00	720.00
Postage.....		23.00	23.00				23.00
Departmental transportation.....		9,024.05	9,024.05				9,024.05
Totals.....	\$55,787.39	\$21,058.99	\$76,846.38	\$54,979.34	\$5,071.31	\$60,050.65	\$16,795.73

SCHEDULE NO. 54

EQUIPMENT AND SUPPLIES—JULY 1, 1924 TO JUNE 30, 1925

Name	Paid from Maintenance Fund			Charged to Federal Aid Engineering Fund			Net from Maintenance Fund
	Salary	Expense	Total	Salary	Expense	Total	
Blanks, circulars, letters, etc.	\$ 3,855.74		\$ 3,855.74				2,378.74
Maps	418.07		418.07				418.07
Field guides	273.59		273.59				273.59
Photos, slides and cuts	888.09		888.09				588.00
Printing paper, bulletins and specifications	2,475.75		2,475.75	306.03	306.03	612.06	1,863.69
Express	1,649.24		1,649.24	45.31	45.31	90.62	1,558.62
Freight and drayage	2,591.48		2,591.48	33.46	33.46	66.92	2,524.56
Postage	5,384.59		5,384.59	39.56	39.56	79.12	5,305.47
Telegraph	383.87		383.87	10.78	10.78	21.56	362.31
Telephone	2,515.56		2,515.56	140.06	140.06	280.12	2,235.44
Bridge department supplies	236.00		236.00	282.00	282.00	564.00	
Drafting department supplies	4,250.19		4,250.19	3,908.57	3,908.57	7,817.14	
Drainage department supplies	221.98		221.98				221.98
Machinery and equipment department supplies	102,383.07		102,383.07				102,383.07
Materials and tests department supplies	3,856.54		3,856.54	3,411.87	3,411.87	6,823.74	
Road department supplies	1,684.09		1,684.09	854.03	854.03	1,708.06	
State fair exhibit	359.15		359.15				359.15
Furniture and fixtures	3,793.84		3,793.84	92.43	92.43	184.86	3,608.98
Stationery and office supplies	4,766.53		4,766.53	447.19	447.19	894.38	3,872.15
Motor vehicle expense field	4,493.29		4,493.29	29.23	29.23	58.46	4,434.83
Maintenance department supplies	1,063.98		1,063.98				1,063.98
Blue printing, etc.				22,540.19	22,540.19	45,080.38	
Totals	\$147,117.45		\$147,117.45	\$33,578.53	\$33,578.53	\$67,157.06	\$80,000.00

*Minus quantity.

SCHEDULE NO. 56

DISTRICT OFFICE NO. 2—JULY 1, 1924 TO JUNE 30, 1925

Name	Paid from Maintenance Fund			Charged to Federal Aid Engineering Fund			Net from Maintenance Fund
	Salary	Expense	Total	Salary	Expense	Total	
R. R. Zack, district engineer	\$ 3,508.33	\$ 276.82	\$ 3,785.15				2,586.65
Henry J. Kassel, office engineer	2,275.00	198.94	2,473.94	2,070.36	56.07	2,126.43	347.51
Edith Kahley, stenographer	338.57		338.57				338.57
Beatrice Doyle, stenographer	500.00		500.00				500.00
Express		.80	.80				.80
Postage		81.00	81.00				81.00
Telegraph and telephone		218.04	218.04				218.04
Office rental		828.00	828.00				828.00
Office supplies		48.21	48.21				48.21
Extra help		1.00	1.00				1.00
Departmental transportation		390.15	390.15				390.15
Totals	\$ 6,701.00	\$ 2,042.99	\$ 8,743.99	\$ 3,140.98	\$ 190.82	\$ 3,331.80	\$ 5,412.19

SCHEDULE NO. 55

DISTRICT OFFICE NO. 1—JULY 1, 1924 TO JUNE 30, 1925

Name	Paid from Maintenance Fund			Charged to Federal Aid Engineering Fund			Net from Maintenance Fund
	Salary	Expense	Total	Salary	Expense	Total	
W. F. Beard, district engineer	\$ 3,508.33	\$ 1,462.75	\$ 4,971.08	\$ 1,388.56	\$1,046.72	\$ 2,435.28	\$ 2,535.80
L. L. Clement, assistant district engineer	2,908.33	1,834.90	4,743.23	924.73	858.68	1,783.41	2,959.82
Marion Mills, stenographer	233.33		233.33				233.33
Gail Griffin, stenographer	676.67		676.67				676.67
Postage		44.00	44.00				44.00
Extra help	364.56	16.01	380.57	364.56	16.01	380.57	
Totals	\$ 7,991.61	\$ 3,397.72	\$11,389.33	\$ 2,678.24	\$1,915.41	\$ 4,593.65	\$ 6,795.68

SCHEDULE NO. 57

DISTRICT OFFICE NO. 3—JULY 1, 1924 TO JUNE 30, 1925

Name	Paid from Maintenance Fund			Charged to Federal Aid Engineering Fund			Net from Maintenance Fund
	Salary	Expense	Total	Salary	Expense	Total	
E. W. Dunn, district engineer	\$ 3,508.33	\$ 928.75	\$ 4,437.08	\$ 961.12	\$ 455.18	\$ 1,416.30	\$ 3,020.78
E. Capel, assistant district engineer	2,808.33	1,241.33	4,049.66	1,531.78	798.32	2,330.10	1,719.56
Edna Eckert, stenographer	1,320.00		1,320.00				1,320.00
L. W. Wood, inspector	963.98	976.10	1,940.08	961.64	976.10	1,937.74	62.34
M. B. Starr, chief of party	473.12		473.12	473.12		473.12	
Postage		85.00	85.00				85.00
Express		1.78	1.78				1.78
Telegraph and telephone		180.15	180.15		1.95	1.95	178.20
Office rental		600.00	600.00				600.00
Office supplies		1.85	1.85				1.85
Extra help		220.65	220.65				220.65
Totals	\$ 9,294.41	\$ 4,014.95	\$13,309.36	\$ 4,088.31	\$2,231.55	\$ 6,319.86	\$ 6,989.50

SCHEDULE NO. 58

DISTRICT OFFICE NO. 4—JULY 1, 1924 TO JUNE 30, 1925

Name	Paid from Maintenance Fund			Charged to Federal Aid Engineering Fund			Net from Maintenance Fund
	Salary	Expense	Total	Salary	Expense	Total	
L. M. Martin, district engineer	\$ 3,508.33	\$ 2,000.43	\$ 5,517.76	\$ 1,455.90	\$ 965.61	\$ 2,421.51	\$ 3,096.25
O. D. Weller, assistant district engineer	2,808.33	327.50	3,135.83	913.47	149.50	1,062.97	2,072.86
H. L. Frost, janitor	129.00		129.00				129.00
William T. Crouch, stenographer	582.00	3.92	585.92	146.40		146.40	439.52
Leon Kringel, stenographer	266.67		266.67	33.33		33.33	233.34
Postage		81.00	81.00				81.00
Express		6.42	6.42				6.42
Telegraph and telephone		256.36	256.36				256.36
Office supplies		14.34	14.34				14.34
Extra help	339.19		339.19	69.19		69.19	270.00
Departmental transportation		426.73	426.73				426.73
Totals	\$ 7,024.52	\$ 3,136.10	\$ 10,160.62	\$ 2,618.29	\$ 1,115.11	\$ 3,733.40	\$ 7,017.22

SCHEDULE NO. 59

DISTRICT OFFICE NO. 5—JULY 1, 1924 TO JUNE 30, 1925

Name	Paid from Maintenance Fund			Charged to Federal Aid Engineering Fund			Net from Maintenance Fund
	Salary	Expense	Total	Salary	Expense	Total	
J. S. Morrison, district engineer	\$ 3,508.33	\$ 547.53	\$ 4,055.86	\$ 1,456.63	\$ 322.39	\$ 1,779.02	\$ 2,276.84
W. J. Smith, assistant district engineer	2,808.33	592.20	3,400.53	1,099.77	349.51	1,449.28	1,951.25
O. B. Durland, inspector	1,562.90	312.08	1,874.98	1,305.00	292.85	1,597.85	307.13
Geo. L. Christiansen, inspector	308.18	21.45	329.63	286.14	21.45	307.59	22.04
O. L. Johnson, inspector	325.00	25.10	350.10	217.59	11.81	229.40	120.70
Don L. Neal, chief party	151.00	21.80	172.80	151.00	21.80	172.80	
Freeland B. Streepy, stenographer	910.00		910.00	878.50		878.50	31.50
Express		3.10	3.10				3.10
Postage		85.76	85.76				85.76
Telegraph and telephone		145.81	145.81				145.81
Office supplies		8.95	8.95				8.95
Extra help	394.76	13.40	408.16	212.86	13.40	226.26	181.90
Departmental transportation		1,316.37	1,316.37				1,316.37
Totals	\$ 9,000.16	\$ 3,003.54	\$ 12,003.70	\$ 6,508.06	\$ 1,006.21	\$ 7,514.27	\$ 4,489.43

SCHEDULE NO. 60

DISTRICT OFFICE NO. 6—JULY 1, 1924 TO JUNE 30, 1925

Name	Paid from Maintenance Fund			Charged to Federal Aid Engineering Fund			Net from Maintenance Fund
	Salary	Expense	Total	Salary	Expense	Total	
W. L. Lee, district engineer	\$ 3,508.33	\$ 420.41	\$ 3,928.74	\$ 1,007.23	\$ 240.86	\$ 1,248.09	\$ 2,680.65
O. R. Livingston, assistant district engineer	3,000.00	1,366.38	4,366.38	671.25	510.01	1,181.26	3,185.12
A. F. Paul, inspector	1,738.34	224.00	1,962.34	971.92	314.27	1,286.19	706.15
Helen Richard, stenographer	1,210.00		1,210.00				1,210.00
Express		2.80	2.80				2.80
Freight and drayage		2.04	2.04				2.04
Telephone		265.36	265.36				265.36
Office supplies		99.02	99.02				99.02
Postage		77.34	77.34				77.34
Extra help	44.48		44.48	35.48		35.48	9.00
Office rental		540.00	540.00				540.00
Departmental transportation		617.81	617.81				617.81
Totals	\$ 9,521.15	\$ 3,715.76	\$ 13,236.91	\$ 2,685.88	\$ 1,005.14	\$ 3,731.02	\$ 9,485.89

SCHEDULE NO. 61

DISTRICT OFFICE NO. 7—JULY 1, 1924 TO JUNE 30, 1925

Name	Paid from Maintenance Fund			Charged to Federal Aid Engineering Fund			Net from Maintenance Fund
	Salary	Expense	Total	Salary	Expense	Total	
J. A. Paulsen, district engineer	\$ 3,508.33	\$ 1,547.16	\$ 5,055.49	\$ 1,389.74	\$ 646.59	\$ 2,036.33	\$ 3,019.16
I. E. Goodrich, assistant district engineer	2,808.33	341.61	3,149.94	454.00	104.42	558.42	2,591.52
O. L. Huffman, inspector	2,065.55	266.58	2,332.13	1,977.41	228.37	2,205.78	106.35
A. R. Bartell, inspector		227.96	227.96				227.96
Ebhel Paulsen, stenographer	1,050.90		1,050.90	473.52		473.52	577.38
Postage		58.00	58.00				58.00
Telephone		203.49	203.49				203.49
Express		1.43	1.43				1.43
Office supplies		141.38	141.38				141.38
Office rental		864.00	864.00				864.00
Departmental transportation		35.22	35.22				35.22
Totals	\$ 9,631.07	\$ 3,448.57	\$ 13,079.64	\$ 4,513.72	\$ 979.38	\$ 5,493.10	\$ 7,586.54

SCHEDULE NO. 62

DISTRICT OFFICE NO. 8—JULY 1, 1924 TO JUNE 30, 1925

Name	Paid from Maintenance Fund			Charged to Federal Aid Engineering Fund			Net from Maintenance Fund
	Salary	Expense	Total	Salary	Expense	Total	
A. A. Baustian, district engineer	\$ 3,208.33	\$ 456.70	\$ 3,665.03	\$ 361.43	\$ 119.62	\$ 481.05	\$ 3,183.97
R. L. Hufford, assistant district engineer	2,808.33	309.73	3,208.06	296.98	202.22	509.20	2,698.86
Josephine Whelan, stenographer	1,025.00		1,025.00				1,025.00
H. R. Goyke, inspector	1,928.34	447.95	2,376.29	1,339.45	337.49	1,676.94	699.35
Express		.26	.26				.26
Postage		101.25	101.25				101.25
Telegraph and telephone		199.01	199.01				199.01
Office supplies		31.50	31.50				31.50
Office rental		730.00	730.00				730.00
Departmental transportation		1,005.10	1,005.10				1,005.10
Totals	\$ 8,970.00	\$ 3,361.63	\$12,331.63	\$ 2,388.86	\$ 679.34	\$ 2,968.20	\$ 9,363.43

SCHEDULE NO. 64

APPROPRIATION STATE HIGHWAY COMMISSION JULY 1, 1924 TO JUNE 30, 1925 DEBITS

Unexpended appropriation on July 1, 1924	\$188,152.65
Tax collected July, 1924	7,409.82
Tax collected August, 1924	5,536.71
Tax collected September, 1924	3,803.18
Tax collected October, 1924	2,661.76
Tax collected November, 1924	1,980.71
Tax collected December, 1924	1,797.96
Tax collected January, 1925	2,156.53
Tax collected February, 1925	118,924.84
Tax collected March, 1925	58,315.46
Tax collected April, 1925	17,141.18
Tax collected May, 1925	11,104.04
Tax collected June, 1925	10,995.11
Refunds—Miscellaneous	185,546.98
Refund—Federal aid engineering expense	250,729.73
	\$892,349.68

CREDITS

Warrants issued in July, 1924	\$ 50,368.03
Warrants issued in August, 1924	38,963.92
Warrants issued in September, 1924	40,378.61
Warrants issued in October, 1924	63,637.66
Warrants issued in November, 1924	38,537.73
Warrants issued in December, 1924	47,720.43
Warrants issued in January, 1925	75,078.91
Warrants issued in February, 1925	50,025.76
Warrants issued in March, 1925	53,803.03
Warrants issued in April, 1925	67,253.52
Warrants issued in May, 1925	67,239.61
Warrants issued in June, 1925	65,631.87
Balance June 30, 1925	237,638.00
	\$892,349.68

SCHEDULE NO. 65

COMPARISON OF EXPENDITURES FOR FOUR YEARS

	1921-1922	1922-1923	1923-1924	1924-1925
1 Commissioners	\$ 2,732.47	\$ 4,802.22	\$ 4,309.98	\$ 2,400.05
2 Executive department	5,870.91	5,270.50	7,411.97	5,942.99
3 Department of purchases and accounts	17,048.95	15,419.84	15,171.29	14,290.61
4 Accounting division	1,010.97	2,300.78	2,069.45	2,040.71
5 Department of road administration	3,151.14	2,917.78	1,319.00	2,209.88
6 Department of road design—Plans	1,919.05	2,105.05	2,219.76	1,363.20
7 Department of road design—Surveys	1,525.32	1,049.29	4,053.07	2,143.07
8 Department of road construction	161.06	1,762.12	2,214.98	4,009.52
9 Machinery and equipment division	56,823.17	82,902.36	103,685.68	56,927.00
10 Department of road maintenance	7,912.71	8,376.63	19,534.53	12,917.57
11 Traffic census division	214.82	906.61		
12 Bridge department	18,271.12	19,137.76	33,690.19	18,845.09
13 Drainage department	4,946.46	2,139.97	3,515.47	2,580.24
14 Women's drafting department	5,582.05	4,902.19	6,055.85	6,055.85
15 Department of materials and tests	4,152.91	19,002.64	9,776.21	16,799.73
16 Board of conservation—State parks			4,786.24	5,947.67
17 Office building and grounds			109,477.59	45,240.70
18 Equipment and supplies	58,439.35	33,626.26	8,282.29	113,588.92
19 District offices	51,490.09	62,673.31	59,107.02	65,678.53
Totals	\$80,859.85	\$25,352.47	\$34,776.58	\$772,961.33
Deduct on account of refunds	67,809.70	84,449.18	143,179.07	*182,546.98
Net total expenditures	\$173,041.15	\$160,906.29	\$231,617.01	\$590,414.35

*Deducting \$182,546.98 refunded to the State Treasurer, the total net expenditure from the Maintenance Fund of the Highway Commission for the year ended June 30, 1925 was \$190,414.35, of this expenditure \$29,651.55 was Capital Investment upon Buildings and Grounds leaving the net cost of Maintaining Commission \$151,962.80.

SCHEDULE NO. 63

DISTRICT OFFICE NO. 9—JULY 1, 1924 TO JUNE 30, 1925

Name	Paid from Maintenance Fund			Charged to Federal Aid Engineering Fund			Net from Maintenance Fund
	Salary	Expense	Total	Salary	Expense	Total	
W. O. Price, district engineer	\$ 3,508.33	\$ 1,307.82	\$ 4,816.15	\$ 1,243.23	\$1,188.83	\$ 2,432.06	\$ 3,004.09
Vernon Gould, assistant district engineer	2,662.50	286.08	2,948.58	1,419.46	250.25	1,669.71	1,287.87
Dorothy A. Byers, stenographer	1,080.00		1,080.00	299.70		299.70	780.30
C. V. Bair, instrumentman	317.31		317.31	317.31		317.31	
E. A. Zack, chief of party	485.98		485.98	485.98		485.98	
Howard McCorkle, rodman	275.91		275.91	275.91		275.91	
Hugo Benefield, rodman	131.45		131.45	131.45		131.45	
Express		3.64	3.64				3.64
Postage		85.00	85.00				85.00
Telegraph and telephone		114.86	114.86				114.86
Office supplies		15.61	15.61				15.61
Office rental		300.00	300.00				300.00
Extra help		271.73	271.73				271.73
Departmental transportation		314.10	314.10				314.10
Totals	\$ 8,733.21	\$ 3,066.11	\$11,799.32	\$ 4,444.77	\$1,442.08	\$ 5,886.85	\$ 5,906.47

SCHEDULE NO. 66

APPROPRIATION FEDERAL AID ENGINEERING FUND JULY 1, 1924 TO JUNE 30, 1925
DEBITS

Unexpended appropriation July 1, 1924.....	\$219,915.44
Appropriation	315,000.00
	<u>\$534,915.44</u>

CREDITS

Expended in July, 1924.....	\$ 25,581.43
Expended in August, 1924.....	24,672.86
Expended in September, 1924.....	32,345.45
Expended in October, 1924.....	24,617.48
Expended in November, 1924.....	20,728.75
Expended in December, 1924.....	33,126.85
Expended in January, 1925.....	32,114.15
Expended in February, 1925.....	24,123.37
Expended in March, 1925.....	23,630.19
Expended in April, 1925.....	24,468.15
Expended in May, 1925.....	21,737.36
Expended in June, 1925.....	33,569.71
Balance June 30, 1925.....	<u>254,185.69</u>
	<u>\$534,915.44</u>

STATEMENT OF EXPENDITURES FEDERAL AID ENGINEERING FUND—JULY 1, 1924 TO JUNE 30, 1925
SCHEDULE NO. 67

County	Project No.	Miles Reconnais- sance	Survey	Profile	Specifi- cations	Con- ferences	Records	Bridges and Culverts	Materials and Tests	Con- struction	Total
Adair	173	11.00					98		1.12	8.00	5.70
	P-368	5.00	\$ 12.88	\$ 174.32			83.23	6.82	94.86	9.19	281.42
	B-269						1.46		1.67	5.34	8.47
	B-218						42.87	3.41	48.87	102.14	247.29
Adams	B-319						5.31	14.29	6.05		25.75
	103	11.00	7.25	95.95			14.59		16.62	97.41	64.83
	B-109		56.28	169.31	\$ 121.90		116.14	132.40	33.54		633.54
	B-142						29.16	79.04	33.24		141.48
Allamakee	B-112						12.10	32.82	13.89		58.72
	P-357	1.00	18.01				64.63	143.53	73.08		396.75
	B-305	3.75	59.19	279.41			149.95		199.70		681.82
	B-352						338.33		334.79	901.04	1,739.64
Appanoose	P-227	6.70		110.26		\$ 15.22	212.83		224.64	544.63	1,077.48
	B-384	5.85	43.44	95.48			333.59		39.98	77.95	132.71
	B-399						27.75		59.81	60.65	148.77
	C-29	30.25					18.25		35.15	46.12	172.07
Audubon	B-311		166.80	71.33			99.81		11.60	17.22	48.59
	B-349	8.75		439.62			13.77		11.60	34.33	52.62
	B-377						12.68		13.29	5.01	27.47
	B-383	17.89	33.11	87.47			32.70		17.23	561.62	877.36
Benton	B-289		4.72	545.87			132.04		179.19	299.19	1,171.33
	B-300						35.25	6.82	2.87	136.29	216.07
	B-310					26.37	141.99		101.22	382.64	696.99
	T-543					9.28	12.90	2.25	26.11	11.31	110.26
						192.53	10.26	14.06	45.19	282.16	
								353.21	78.51	445.53	
						6.67	13.56	6.92	17.23	46.19	
						86.23	28.49	17.23	156.91	464.37	
			4.72	8.48			61.89	71.70	126.00	311.99	
			29.28	556.94			245.96	146.87	271.78	1,197.87	

SCHEDULE NO. 67—Continued

County	Project No.	Miles	Reconnaissance	Survey	Profile	Specifications	Conferences	Records	Bridges and Culverts	Materials and Tests	Construction	Total	
Black Hawk	T-555		87.32	108.02	196.86		13.15	119.45		136.21		571.07	
	25	4.08						4.50		2.00		6.50	
	82	17.17						4.50		2.00		6.50	
	200	13.78					13.21	114.89		259.15	46.80	334.05	
	201	11.45					13.21	153.34		315.14	128.71	610.40	
	202	6.80	51.79				13.21	129.60		355.14	103.80	559.21	
	P-194	14.09						19.97		9.40		35.29	
	P-233	14.00						3.25		1.34		4.59	
	P-292	7.00	33.11					11.97		11.29	9.71	66.08	
	P-311	5.33			62.26	23.13		29.29	106.85		196.12	131.05	432.80
	P-359	11.14			13.09	13.42			231.82		218.78	224.92	817.03
	B-136								2.53		4.51		13.07
	B-200								17.79		51.58		69.37
	B-207								17.94		52.01		69.95
B								1.30	4.32	1.82		7.73	
Boone	P-20	18.00	66.19	999.01	554.47		13.13	771.82		879.90	39.11	3,314.88	
	P-58	13.00			13.11			2.87		6.13		24.01	
	P-134				9.25			2.56		2.92		11.73	
	B			10.44				19.49	38.10	22.22		90.25	
Bremer	88	10.50						3.80		1.57		5.37	
	P-191	9.25						3.80		1.37		5.07	
	P-277	14.25						25.44		22.36	50.50	107.30	
	P-284	5.00	9.05	3.21				50.22		42.13	96.43	199.95	
	P-277	.00						2.47		2.82	9.04	14.33	
	P-421				20.51	100.61			9.78		11.14		142.04
	P-422				10.55	131.54			6.89		7.28		175.70
B-236							4.33	1.93	11.31		17.57		
Buchanan	5	15.63			4.37		3.30	3.02		2.99		13.38	
	P-60	11.25		5.09			3.30	3.75		4.27		16.92	
	P-230	8.00			1.67			11.47		6.43	5.99	25.56	
	P-300	2.00	81.46					14.93		17.92		113.41	
	B-228							12.61	34.19	14.37		61.17	
B							19.63	53.23	22.37		95.23		
Boona Vista	P-49	33.20			8.35			14.29		16.29	39.73	78.66	

Butler	B-10	11.25						12.64	3.18			19.44	
	S-10								.86	.97	3.12	4.94	
	P-167	15.85	36.21				21.75	23.61		36.93	43.66	130.56	
	P-260	11.00	122.51	19.54	272.55		1.31	141.80		161.61		730.26	
	P-267	14.30						23.25		26.51	59.07	137.00	
	P-371	1.64	95.80	75.75	95.43			106.95		114.14		480.63	
	B-152							7.35		14.15	14.80	36.30	
B-202			3.43				47.59	126.29	54.22		238.50		
B-206							30.33	82.20	34.56		147.17		
B							2.56	6.94	3.92			13.42	
Calhoun	P-300	1.14			7.73			12.03		13.71	32.39	65.86	
	B							.71	1.54	.81	.62	3.58	
	S-8	13.00			6.48			7.61		8.68	18.13	49.90	
	S-33				7.99			3.28		3.73		15.00	
	S-34				9.51			3.90		4.44		17.85	
Carroll	154	23.90	149.73	49.23	296.70		44.46	217.43		250.30	116.75	1,120.60	
	P-326	3.59			2.50			1.02		1.17		4.69	
	P-302	1.48	14.99	.66	37.47			23.11		26.34	17.05	113.61	
	P-358	.82	77.58	23.23	80.05			32.63		37.87	59.03	409.29	
	B-152							22.78		40.47	42.09	106.94	
	B							1.14	3.08	1.90		5.52	
Cass	44	19.60	47.51	48.21	294.19		106.21	515.80		585.87	1,130.92	2,792.39	
	155	17.00			.46			.19		.21		.86	
	P-150	4.25			4.86			1.99		2.27		9.12	
	B-278							17.00	47.74	20.07		85.41	
	B-283				.55			281.37	588.49	320.77	225.83	1,088.17	
	T-872			463.38				241.63		275.46		980.47	
	57	24.20		14.18	60.89			197.54		122.60	275.23	580.24	
213	13.90		57.80	35.42			45.19	2.15	51.62		192.68		
P-114	29.00			3.15			1.29		1.47		5.91		
P-316	2.75						23.48		26.76	86.83	136.07		
B-304							25.93		64.80	27.28		116.10	
B-380							5.20	180.80	448.77	231.71	19.21	875.75	
B-381							16.42	136.53	122.00	258.22	147.94	681.11	
Cerro Gordo	P-275	12.42			14.99			6.14		7.00		28.12	
	B							1.54	4.19	1.75		7.45	
Cherokee	P-98			206.61				197.74		122.82		437.17	
	P-151			15.27			5.65	74.69		85.15	238.78	419.54	
	P-214				1.94			.80		.91		3.66	
	P-262			32.81	1.25			34.34		39.15	59.22	167.77	
	P-295			5.09				2.66		3.03		19.78	
	P-411			84.13	305.92			27.14	188.29		914.78	45.12	925.45

SCHEDULE NO. 67—Continued

County	Project No.	Miles	Reconnaissance	Survey	Profile	Specifications	Conferences	Records	Bridges and Culverts	Materials and Tests	Construction	Total
Chickasaw	P-415				16.63		25.65	26.90		42.07	83.67	207.92
	B-170							2.03		2.31	7.42	11.76
	B-182							3.59		16.42		14.01
	B-194						12.17	78.09		192.26	57.62	341.14
	B-261				3.89			22.32	3.19	43.51	34.02	106.84
Clarke	76	13.50						10.11		11.53	26.97	58.61
	160	8.10	27.15		20.68	487.19	2.49	63.21		72.17	135.74	828.73
	177	11.99					4.43	29.70		45.32	80.29	159.91
	B-300		14.90				1.36	104.53	214.33	119.51	82.40	587.80
Clay	33	8.45			22.45			25.72		19.29	9.73	77.18
	P-31	14.25			17.49			7.17		8.17		32.83
	P-225	3.70		2.57				7.02		8.69	22.95	41.81
	P-313	13.50						16.71		8.98	19.44	39.13
	P-333	6.75			83.14			34.07		38.84		156.05
	P-336	.59			31.53			16.44		18.74		60.71
	B-237							3.07		2.50		18.78
Clayton	B				4.33			41.45	197.94	47.37		200.70
	198		91.02					16.28		19.02		126.72
	213	7.70	214.69	34.93	216.33			137.24		179.38	2.60	835.26
	P-32	7.67		99.75	150.91			173.56		197.57		849.46
	P-56	9.00			4.86			46.84		33.49		209.07
	P-256	16.00			4.86			2.06		2.35	.25	9.52
	P-259	26.00			24.00			12.65		14.43	19.17	61.34
	P-429			.69	6.20			2.90		3.31		13.19
	B-191							8.35	12.85	9.02	15.32	43.94
	B-193							97.27		253.08	59.90	410.34
Clinton	B-288			20.18				41.87	51.18	69.60		182.92
	74	20.20	54.31		75.18	487.19	113.45	199.46		235.96	188.06	1,373.00
	153	14.50			8.40			119.43		181.28	135.50	610.37
	169	9.25						12.99		14.81	23.23	77.42
	P-70	9.07			23.13			22.32		25.14	8.44	89.02
Crawford	B				7.35			3.83		4.37		15.55
	C-35		37.34	16.05				20.55		23.43	19.06	117.09
	18	17.58			8.12			3.33		3.79		15.24

Crawford	186	2.50			11.80			16.54		18.85	42.79	80.56	
	204	14.53			26.00		9.90	186.08	8.99	389.90	279.85	862.84	
	306	1.58			1.46			8.33		9.50	28.28	47.37	
	P-125	17.50		62.64				32.66		37.23		132.53	
	P-271	2.12						7.79		8.88	28.49	45.16	
	P-272	1.29						.20		.23		.92	
	P-322	14.32			43.63	1.49		37.49		42.74	31.71	177.00	
	B-210							101.50	209.25	115.73	12.59	495.98	
	B-257				4.10			167.13	309.40	190.53	49.67	827.27	
	T-577				6.54			3.41		3.80		13.84	
	T-578				16.26	13.88		14.22		16.21		69.67	
	C-31							13.68		15.00	48.78	79.42	
	Dallas	232			21.61	251.48			155.90		177.04		705.43
		P-209	3.50		1,171.32	329.26		26.39	754.99		969.71	9.71	3,132.38
		P-255	8.15	52.20					32.23	18.51	59.92	9.71	172.00
P-288		13.00		7.83	111.48	178.68	42.21	155.36		177.11	319.95	1,012.02	
P-289		13.25	33.11	39.26	85.42	178.68	55.83	172.28		196.40	344.61	1,105.59	
P-305		.73	33.11		33.79			32.76		37.54	4.84	187.63	
B-76								12.72		22.48		55.67	
B-115								9.88	26.73	11.24		47.83	
B-255				13.99	2.61		26.37	177.09	216.79	222.92	59.75	809.43	
B-259								25.09	58.10	31.69	10.00	126.08	
Davis	B						6.31	17.10		7.19		30.60	
	P-230		66.20	42.23	492.37		35.41	313.13		156.98	249.74	1,556.11	
Deatur	B			9.46				53.68	132.17	61.18		256.47	
	153	11.75	18.09		1.39			18.00		10.26		47.74	
	158	14.30	18.09		20.35	4.61		88.61		68.82	102.05	302.33	
	209	11.90			81.01	549.40		469.32		435.92	267.85	1,663.34	
	B-116				4.19			49.92		36.59	41.59	169.00	
	B-131				4.10			54.00		54.00		245.46	
Delaware	B-216			24.19	.87			456.24	738.37	670.19	210.44	2,182.01	
	8	9.83			8.74			3.58		4.08		16.40	
	132	10.90			13.88		24.31	69.15		62.38		241.70	
	P-318	3.00			2.26			45.69		52.06	163.53	263.52	
	P-319	4.25			59.66			99.02		112.89	174.20	532.84	
	P-366	.29			8.31		15.94	26.08		41.14	104.81	206.28	
	B-33				8.67			17.35	37.42	19.78		85.22	
	B-144							40.97		45.65		219.69	
	B-145							11.40	28.81	13.21	1.33	65.25	
	B-254						18.79	6.34		7.22	5.88	38.23	
Delaware	4	12.60						1.65		1.89	6.05	9.59	
	103	13.30			65.62			51.27		41.41		158.39	
	P-230	16.75	27.93					77.70		76.68	165.81	288.18	

SCHEDULE NO. 67—Continued

County	Project No.	Miles	Reconnaissance	Survey	Profile	Specifications	Conferences	Records	Bridges and Culverts	Materials and Tests	Construction	Total
Des Moines	P-192	8.00						7.33		3.00		10.36
	P-273	1.50						3.32		3.78	12.12	19.22
	C-13							5.94		5.00	13.10	24.10
	C-19							5.94		5.00	13.12	24.12
Dickinson	P-23	7.00	92.90	5.81	31.67		54.27	148.01		108.78	909.77	822.24
	P-368	6.92	28.95	.70	1.94			41.19		46.95	118.62	247.40
	B-276			1.40				42.50	59.75	79.34		192.10
Dubuque	17	21.89			29.81			43.79		28.18	4.05	107.83
	148	18.34			8.74			171.74		165.37	402.52	748.37
	P-147	20.04						15.32		13.92	34.00	62.20
Emmet	P-301	5.25	30.69	2.00	16.45			20.55		23.43	20.11	122.23
	P-361	3.05		.95	24.56		12.06	28.77		35.90	49.05	151.25
	B-217							81.60		192.00	92.53	366.13
	B-274			.96				33.87	10.64	85.05		142.57
	S-3	6.00						.85		.97	3.12	4.94
	S-5	3.90						1.36		1.50	4.99	7.91
	S-6	1.00						.17		.19	.02	.98
	S-7	5.00						.17		.19	.02	.98
	S-23							1.11		1.20	4.05	6.42
Payette	59	26.85						24.59		14.72	16.88	62.70
	172	13.00						1.55		1.77	5.08	9.00
	P-142	8.50	37.34				23.27	13.72		15.64	3.81	93.68
	P-144	14.00			.90			.37		.42		1.09
	P-373		27.15		24.01		15.60	18.74		21.36		106.80
	P-383	5.30	9.06	3.22	8.19		6.00	77.83		62.13	120.20	287.23
	B-189							4.55	12.34	5.19		22.05
	B							2.27	6.17	2.59		11.03
Floyd	157	8.50	3.10					.67		11.44	39.24	67.39
	P-268	6.00	3.10					1.13		29.03	103.63	169.89
	P-269	5.00	3.10					.57		14.55	16.69	85.42
Franklin	171	13.00			5.83			2.30		2.72		10.94
	212	4.12	70.81	38.51	57.25		84.41	144.00		150.90	175.83	721.50
	P-414				14.75			8.00		9.81	9.20	42.52
	B-228							40.50	83.30	46.18	34.06	205.98
Fremont	S-16							16.34		30.30	35.47	82.11
	S-39		4.59	1.53				1.82		1.86		9.84
	S-49		4.50					.82		.94		6.26
	77	13.50			6.87			9.45	18.00	10.78		45.19
	P-84	15.00	24.95	131.62	12.14			78.91		89.96		341.58
	P-136	14.00		30.30	15.61		.90	24.37		13.69		74.13
	B-1							19.32	82.36	13.26		84.73
	B-6			11.32				46.99	111.44	43.57		213.22
	B-297			13.90				48.99	106.13	45.80		219.87
Greene	39	7.41	50.24	4.64	42.79			57.23		65.25	96.62	325.77
	192	17.00						15.79		18.00	77.72	91.51
	203	16.67		18.14				98.07		113.85	319.70	549.76
	P-34	36.50			1.46			.90		.98		2.74
	P-153	7.00			92.15		24.13	43.83		49.97		210.98
	P-224	10.00	147.68	1,367.38	491.50		79.35	1,001.47		1,141.71	146.40	4,375.49
	P-357	3.01			4.57			9.00		10.20	26.90	49.99
	P-401			16.37				10.84		22.33		55.56
	B-246							6.68		17.62	21.43	48.73
	247				6.87			52.70	132.71	71.75		294.66
	B-264			4.61				25.01	8.99	38.96	69.55	147.15
	B-514							3.87	10.49	4.41		18.77
Grundy	19	14.11			3.32			3.32	8.90	3.78		16.00
	P-123	22.00	18.09				6.58	4.97		5.67		35.31
	P-328	3.00	18.09		8.29			132.83		395.34	16.32	540.87
	P-375	9.97						34.45		47.95	107.89	190.29
	P-417		36.21	8.29	18.00	1,947.51	16.96	49.13		56.01		2,132.11
	B-102		11.98	9.71				9.72	6.98	11.06		49.17
	B			3.82				1.99		3.37		5.98
Guthrie	145	18.25			22.90			9.38		10.70		42.98
	179	6.75						18.47		21.05	67.51	107.03
Hamilton	67	2.90			2.68			.85		.97		3.90
	P-79	20.11	14.90	7.38	24.22			25.20		30.81	37.43	130.03
	P-217	6.00	23.31					111.92		127.59	352.04	659.74
	P-218	7.00	8.25		.49			10.55		12.03	22.27	64.51
	P-254	1.96	14.99	7.39				6.00		7.53		36.51
	B							3.22	8.75	3.68		15.65
Hancock	139	24.50						6.92		7.89	25.30	40.11
	195	11.00						10.21		11.64	37.34	59.19
	P-178	.45						2.49		2.33	9.09	14.41
	P-389	11.97						1.73		1.97	6.32	10.02
	P-381	6.35						17.37		19.89	63.50	100.67
	B-224							1.19		1.36		7.30

SCHEDULE NO. 67—Continued

County	Project No.	Miles	Reconnaissance	Survey	Profile	Specifications	Conferences	Records	Bridges and Culverts	Materials and Tests	Construction	Total
Lee	S- 15	15.00			28.17			12.69		14.47	4.20	59.53
	P- 68	8.00						3.41		9.89		13.30
	P-149	4.00		25.44	17.11		5.94	143.39		135.04	302.22	628.64
	P-303	1.00		31.58	67.14		14.09	96.88		88.96	66.22	367.82
	B- 2			40.50				21.12		24.07		85.69
	B-100							3.33		9.64		12.97
Linn	B-291			61.82			5.20	41.95	8.99	36.77		174.73
	B							12.23	38.16	18.94		59.33
	22	18.00		817.68				426.37		486.08		1,730.13
	96	12.75	49.65	821.72	911.16			806.51		1,067.01	195.26	3,967.47
	224	12.75	34.20	72.05	350.08		29.65	290.85		331.58	51.73	1,300.14
	225	17.00		166.88	431.60			300.78		542.90	134.90	1,377.06
	P-345	1.00	33.11	328.87	985.82		14.13	606.38		798.90	25.64	3,077.85
	230			15.28	576.80			276.40		315.10	95.04	1,311.73
	B-301		7.76	4.72				376.74	909.66	452.10	37.55	1,808.53
	B-309							20.00	23.14	42.96		86.10
Louisa	B-310				46.21			231.19	575.65	263.56		1,116.61
	B-311				2.50		17.64	132.44	344.38	150.99		647.95
	T-566			350.41				130.57		148.80		399.84
	T-567		67.84	192.45				328.86		374.92		1,400.41
	T-568			551.60				287.62		327.90		1,167.12
	T-569			438.66				228.73		260.76		928.15
	P- 75	10.26			8.33			179.50		177.88	506.15	871.26
	P-179	11.00		1.28	4.16			190.73		87.46	208.20	495.82
	P-366	10.00		14.23	18.15			22.19		19.97		74.54
	B- 4							2.46	6.68	2.81		11.95
	B-112							10.09	27.36	11.50		48.95
	B							2.46	6.68	2.81		11.95
Lucas	63	23.15			55.79			22.86		26.06		104.71
	223			14.46	19.43		79.17	144.61		104.00	59.18	421.45
	P-278			43.04	141.83			80.50		91.84		367.27
	B-306							26.39	25.14	65.00	76.29	237.55
	T-571							20.37	95.00	45.81		201.45

	T-575		18.62					4.44		3.89		25.92
	110	23.00			2.03		2.49	9.42		10.74	29.13	53.81
Madison	P- 85	16.00		5.09	2.03		2.49	6.66		7.58	9.27	43.11
	P-146	12.79		2.00	2.00			4.65		3.30	11.65	26.15
	P-233	16.50			29.78			30.37		34.63	61.12	161.41
	P-388	15.82						68.48		78.07	162.78	393.41
	B-127				17.76			44.36	63.98	50.57	75.93	234.84
	B-179							1.18		3.43		4.61
	B			10.18				44.98	102.37	31.28		216.19
	167	13.60	31.44	1,569.07	93.26		225.50	953.58		1,083.98	66.02	4,059.94
	P-403			939.37	27.41		9.99	607.07		574.21		2,054.85
	B-180							16.60	45.02	15.93		89.55
Mahaska	B-273							29.92		8.58		46.62
	B-299		18.62	10.14				17.59	24.11	20.65		90.51
	T-561		44.22	34.64				29.17		29.82		134.86
	T-573		18.62					8.41		3.89		25.92
	70	26.76	36.21		9.62			15.89		14.70	3.12	78.94
	146	14.30		10.13			.90	37.05		30.27	55.02	123.42
	P-287	6.50			31.81			49.11		49.52	77.62	225.46
	B-122							.61		2.64		3.55
	B							1.62	3.68	2.45	.52	7.67
	Marion	P-315	15.00					80.28	62.31		71.94	134.61	367.64
P-320		6.50	18.09		156.32		86.81	110.66		136.16	78.45	576.49
P-322		9.50		9.82				7.68		8.07	7.17	32.14
B-143								31.01	38.09	35.35	42.50	172.84
B-245								41.99	76.32	178.38	87.02	383.72
B								34.28	92.37	39.08		166.33
231				41.15	789.52		138.12	387.88		442.20	29.84	1,828.71
T-363			37.33	456.38	94.58		79.94	303.68		346.29		1,318.11
Marshall	211			74.83	491.27		129.38	606.40	14.91	772.82	1,029.53	3,119.44
	P-240	13.60			3.47			6.77		7.72	19.54	37.99
	P-354	8.34		4.58				52.56		59.92	171.31	391.55
	P-409	30.61		232.08	219.32			37.83	246.64	274.34	35.89	1,085.11
	B- 54							36.39		174.71		751.98
	B-139							1.54	4.16	1.75		7.45
	B-307			10.82	18.87			37.85	182.70	438.99	208.29	892.49
	C- 36			9.22	23.94			18.18	19.76	22.53	6.70	95.33
	226	8.00		248.09	49.05			149.46		170.39		616.99
	Mills	P-138	21.21	17.57	7.96	89.65		66.98	126.97		138.66	159.50	607.29
B								62.22	168.75	70.94		301.91

IOWA STATE HIGHWAY COMMISSION

SCHEDULE NO. 67—Continued

County	Project No.	Miles	Reconnaissance	Survey	Profile	Specifications	Conferences	Records	Bridges and Culverts	Materials and Tests	Construction	Total
Monona	184	27.00			8.84		10.27	137.39		156.83	487.83	796.28
	P-48	26.00	.78	739.19	1,310.17		36.03	1,000.21		1,213.42	324.62	4,804.00
	B-17			33.48				211.87	434.17	241.30	97.57	1,068.84
	T-566			308.80	132.29			23.80	64.35	27.13	3.28	113.48
								227.54		273.74		1,362.97
Monroe	P-78	8.00						60.51		64.64	262.24	336.39
	P-264	12.00		4.83	138.89			69.69		79.45	22	326.52
	B-28							24.29		41.64	68.40	129.63
	B-270							8.21	22.26	9.26		36.83
	T-562		15.73	1,132.36	600.19		17.28	24.45	54.34	27.88		124.13
							1,191.36			1,253.60	18.19	4,562.42
Montgomery	P-16	16.80			28.26		32.76	137.40		136.60	48.53	332.69
	B	17.75		22.26	10.41			24.64	33.73	27.41		107.44
Muscatine	P-266	10.60			19.44		90.34	147.94		121.71	113.84	483.69
	B-290				6.25		58.63	124.70	26.28	239.29	73.48	523.35
O'Brien	P-69	28.20					6.28	27.20		41.77	47.34	122.59
	P-285	22.20		285.40	318.27		27.76	367.07		442.15	249.80	1,082.46
	P-284	8.50			16.19		42.68	49.23		33.24	166.42	286.34
	B-113							8.20	17.45	9.23	39.71	57.18
	B-197						20.31	101.49	125.19	457.15	16.07	830.21
Osceola	P-197	15.00					15.02	2.73		6.30		23.10
	S-9	15.00			10.85		13.21	23.99		27.97	30.70	112.20
Ostea	S-17	6.00			29.14		6.81	13.65		27.37	46.30	117.16
	S-22							13.65		10.97		65.17
Page	137	26.50		1.60	6.13			149.12		171.40	539.06	801.27
	P-27	22.25		1.09	15.27			26.90		67.34	191.14	388.97
Palo Alto	P-109	11.05	23.11	26.25	119.68			142.64		212.39	166.41	700.58
	P-219	13.90		2.84	66.59	44.08		246.44		553.75	131.68	1,489.73

FINANCIAL STATEMENT

Pocahontas	P-30	10.75			31.25			8.79		9.22		30.85
	S-29	25.73		1.30	40.73			23.81		27.14	23.43	116.46
	S-29				4.31			3.95		4.51	7.69	20.96
Polk	199	2.30			4.79			34.99		39.79	108.31	306.97
	206	10.32			81.37			309.04		304.31	513.33	1,246.43
	215	9.27			33.55			209.34		304.23	317.71	1,243.35
	219	3.00			62.12			409.35		609.17	611.61	2,431.35
	P-253	1.49			131.62			174.72		199.19	273.38	949.11
	B-262	2.71			188.31			2.91		3.23	10.63	11.38
	P-40	29.25			6.06			14.25		16.34	23.29	81.04
	P-349	1.02			7.29			3.79		4.29	7.69	24.99
	P-372				33.08			136.97		156.10	206.74	599.74
	B-418				27.24			8.02		9.14	35.71	54.04
Pottawattamie	B-292				18.05			95.99		12.25		109.24
	B-303				18.05			31.17		10.93		42.10
	B-304				19.05			403.04		400.61	37.39	1,086.29
	B-384				53			11.59		23.12		55.82
	C-33				252.40			44.80		51.09	131.91	352.59
	T-557				319.10			204.38		273.91	10.95	763.21
	T-558				36.38			178.65		205.61		2,732.21
	P-22	21.25			6.25		2.71	47.47		48.79	65.27	207.02
	P-268	5.00			257.12			134.07		122.85	134.04	544.04
	P-400				73.39			182.39		169.84	109.41	401.64
Pottawatomie	B-95				81.05			145.49		205.89	201.14	552.52
	B-96				59.09			21.83		24.25		202.76
	B				2.97							1.01
Pottawattamie	P-22	21.25			6.25		2.71	47.47		48.79	65.27	207.02
	P-268	5.00			257.12			134.07		122.85	134.04	544.04
	P-400				73.39			182.39		169.84	109.41	401.64
	B-95				81.05			145.49		205.89	201.14	552.52
	B-96				59.09			21.83		24.25		202.76
Pottawattamie	P-22	21.25			6.25		2.71	47.47		48.79	65.27	207.02
	P-268	5.00			257.12			134.07		122.85	134.04	544.04
	P-400				73.39			182.39		169.84	109.41	401.64
	B-95				81.05			145.49		205.89	201.14	552.52
	B-96				59.09			21.83		24.25		202.76
Pottawattamie	P-22	21.25			6.25		2.71	47.47		48.79	65.27	207.02
	P-268	5.00			257.12			134.07		122.85	134.04	544.04
	P-400				73.39			182.39		169.84	109.41	401.64
	B-95				81.05			145.49		205.89	201.14	552.52
	B-96				59.09			21.83		24.25		202.76
Pottawattamie	P-22	21.25			6.25		2.71	47.47		48.79	65.27	207.02
	P-268	5.00			257.12			134.07		122.85	134.04	544.04
	P-400				73.39			182.39		169.84	109.41	401.64
	B-95				81.05			145.49		205.89	201.14	552.52
	B-96				59.09			21.83		24.25		202.76
Pottawattamie	P-22	21.25			6.25		2.71	47.47		48.79	65.27	207.02
	P-268	5.00			257.12			134.07		122.85	134.04	544.04
	P-400				73.39			182.39		169.84	109.41	401.64
	B-95				81.05			145.49		205.89	201.14	552.52
	B-96				59.09			21.83		24.25		202.76
Pottawattamie	P-22	21.25			6.25		2.71	47.47		48.79	65.27	207.02
	P-268	5.00			257.12			134.07		122.85	134.04	544.04
	P-400				73.39			182.39		169.84	109.41	401.64
	B-95				81.05			145.49		205.89	201.14	552.52
	B-96				59.09			21.83		24.25		202.76
Pottawattamie	P-22	21.25			6.25		2.71	47.47		48.79	65.27	207.02
	P-268	5.00			257.12			134.07		122.85	134.04	544.04
	P-400				73.39			182.39		169.84	109.41	401.64
	B-95				81.05			145.49		205.89	201.14	552.52
	B-96				59.09			21.83		24.25		202.76
Pottawattamie	P-22	21.25			6.25		2.71	47.47		48.79	65.27	207.02
	P-268	5.00			257.12			134.07		122.85	134.04	544.04
	P-400				73.39			182.39		169.84	109.41	401.64
	B-95				81.05			145.49		205.89	201.14	552.52
	B-96				59.09			21.83		24.25		202.76
Pottawattamie	P-22	21.25			6.25		2.71	47.47		48.79	65.27	207.02
	P-268	5.00			257.12			134.07		122.85	134.04	544.04
	P-400				73.39			182.39		169.84	109.41	401.64
	B-95				81.05			145.49		205.89	201.14	552.52
	B-96				59.09			21.83		24.25		202.76
Pottawattamie	P-22	21.25			6.25		2.71	47.47		48.79	65.27	207.02
	P-268	5.00			257.12			134.07		122.85	134.04	544.04
	P-400				73.39			182.39		169.84	109.41	401.64
	B-95				81.05			145.49		205.89	201.14	552.52
	B-96				59.09			21.83		24.25		202.76
Pottawattamie	P-22	21.25			6.25		2.71	47.47		48.79	65.27	207.02
	P-268	5.00			257.12			134.07		122.85	134.04	544.04
	P-400				73.39			182.39		169.84	109.41	401.64
	B-95				81.05			145.49		205.89	201.14	552.52
	B-96				59.09			21.83		24.25		202.76
Pottawattamie	P-22											

SCHEDULE NO. 67—Continued

County	Project No.	Miles	Reconnaissance	Survey	Profile	Specifications	Conferences	Records	Bridges and Culverts	Materials and Tests	Construction	Total	
Ringgold	6	12.00			1.9*			.80		.01		3.85	
	141	6.00						2.27		2.39		15.14	
	142	5.99						19.85		22.63	71.84	114.81	
	B-293							19.21		21.89	70.22	111.32	
Scott	55	19.13	175.58	317.56	1,006.78			625.33		712.92	54.93	2,803.12	
	135	.95						0.88		11.57	60.14	67.59	
	217							58.15		85.93	169.38	516.16	
	221						2.69	104.40		127.07	76.87	500.64	
	P-154	14.00	19.39	838.72	252.37		65.15	708.28		807.46	558.63	2,240.00	
	P-204	6.00		5.43				2.85		5.25		11.58	
	P-300	9.78		79.88	440.30			35.71	7.71	496.51	737.17	2,232.78	
	P-405				97.66			40.02		45.62		183.30	
	B-18							139.03	377.05	158.49		674.57	
	P-375			303.94			2.40	527.50	706.15	674.85		69.97	2,389.81
B-295							34.98	529.10	1,203.98	659.43	162.23	2,389.77	
T-533			33.36	338.53			195.04		188.15			760.54	
Shelby	207	25.00	65.20	447.38	2.91			591.94		572.23	911.42	2,525.86	
	P-42	23.75		10.18	32.06		1.00	27.41		25.93	5.03	101.67	
	B-16							17.06	46.26	19.44		82.76	
	B-309							83.49	88.47	184.37		356.24	
	B-271							8.65		5.30	15.76	26.36	
Sioux	P-223	15.20	12.63	20.35	169.49		22.64	186.34		213.01	361.10	966.06	
	P-314	1.00			1.94			15.57		17.75	34.62	90.98	
	P-357	12.00						26.37		7.56		40.50	
	P-342	1.96						4.07		4.64	14.89	23.60	
	P-391	14.54		15.64	46.71			63.70		78.32	196.33	364.68	
	B-131			2.58				3.00	3.34	3.53		13.54	
Story	P-407		33.08	104.97	57.91			36.01		95.06	5.41	385.44	
	B-135				3.12			224.38	573.76	256.37	7.63	1,195.33	
	B-235							13.89		14.70	29.27	71.98	
	B							5.12	13.90	5.84		24.86	
Tama	176	6.30			1.25			21.05		24.00	75.08	121.38	
	P-276	20.00		8.13	23.53			13.92		15.36		61.61	
Union	P-300	8.70		39.72	63.52		2.94	78.54	6.74	89.51	104.46	385.46	
	B-25							58.18	157.79	66.33		282.30	
	T-511		44.97	1.15				17.53	22.32	20.81		106.75	
	B		51.30	79.32	10.43		6.90	60.37		65.82		285.74	
	149	14.00						4.86		5.54		29.75	
	196	10.50		1.90	5.25			146.46		166.97	923.99	844.57	
	P-303	6.25		22.90				11.94	49.94	13.62		48.46	
	FAB-196							22.14	49.94	25.24	15.62		110.94
	B-255							15.94	28.46	18.17	19.90		82.47
								91.31		104.69	339.30	529.27	
Van Buren	83	24.00			.97								
	P-376	4.01		757.85	163.79		94.27	580.50		646.68	262.00	2,519.12	
	P-402				20.99		42.67	46.00		52.44	88.49	256.59	
	B-42							29.57	25.59	33.49	72.99	161.35	
	B-205				.97			131.58	342.47	307.00	200.73	932.75	
B-295							49.36	170.34	415.93	194.76	848.67		
Wapello	155	16.30	36.21	10.19	126.73		38.35	221.31		224.94	387.67	1,055.40	
	222			325.04	406.94		44.23	447.19	13.37	498.51	138.17	1,343.25	
	P-328	13.17		24.99	71.25			173.66		238.46	309.70	899.39	
	B-135							88.62	249.32	191.62		429.37	
	B-186		98.80					64.24	140.02	73.23		346.29	
	B						9.88	3.34	2.31	4.81		19.34	
T-511				176.25			72.23		82.34		330.82		
T-512			455.43	443.30			419.22		477.93		1,796.08		
T-570			183.21	105.43			168.92		186.19		608.15		
Warren	159	17.20	36.21					6.64		7.57		59.42	
	P-326	16.00		1,443.41	828.01			1,150.22		1,374.91	15.45	4,812.00	
	R-233			95.43				13.96		15.12		63.81	
Washington	11	15.50			5.83			2.39		2.72		10.94	
	P-44	15.50			6.80			53.90		61.44	138.42	313.25	
	P-176	2.56		3.18	12.63		64.11	89.55		92.03	192.83	454.33	
	P-222	1.77			1.94			.90		.91		3.66	
	P-231	6.00			.97			12.26		.91		63.91	
	P-404			552.73				108.42		123.60	383.66	1,192.51	
	B-128							88.62		228.57		327.19	
	B-242							11.15	18.07	39.60	55.51	105.63	
	T-548		113.98	1,033.38	1,752.44			22.28		26.13	55.61	129.20	
	T-500		44.26	45.99				1,277.85		1,456.79		5,694.44	
							32.69		36.59		158.93		
Wayne	167	7.50						25.94		22.74	69.44	109.12	
	182	5.08						49.41		46.06	129.02	224.49	
	P-233	9.30						49.41		29.42		69.83	
	P-346	57.00						9.41		3.89		14.30	
	B-133							3.99		9.59		12.86	
Wayne	P-327			1,120.45	1,444.05		87.29	1,311.51	13.62	1,444.82	143.57	5,565.31	

County	Project No.	Miles	Reconnaissance	Survey	Profile	Specifications	Conferences	Records	Bridges and Culverts	Materials and Tests	Construction	Total	
Webster	B-C-32							113.16	306.90	129.01	0.50	549.07	
	P-153	11.05		.63	22.20			16.05		15.98		96.49	
	P-154	14.90			219.85			12.16		21.84	25.31	90.33	
	P-243	2.00	16.54					88.36		101.30		497.61	
	P-289	7.00	130.81	683.08	1,098.32		00.83	21.43		24.43	67.29	4,129.06	
	B-290		25.90	2.02	6.94			224.85		1,034.34	280.33	1,504.05	
	B							17.68	47.90	30.95			83.52
	P-30	7.45				13.88		12.15		13.85	23.62		63.29
	P-4	15.87				14.09		19.20		21.89	40.09		104.27
	P-139	25.00	72.40					16.05		19.79	12.45		58.29
P-397		53.30	14.19				86.19		90.26			300.94	
Winnebago	P-121	31.30	202.73	42.82	130.76		22.33	251.75		275.75	284.71	1,290.35	
	P-177	25.50	14.26		70.15		77.38	75.57		82.31	62.31	306.98	
	B-55				1.94		196.03	129.54		133.03	503.02	692.52	
	B-55						3.80	4.37	1.09	4.87	12.12	20.06	
	B-146							3.00	9.79	4.19		17.46	
	B							32.42	65.89	36.86		179.61	
	B-102		44.34				4.70	9.86		36.49		41.05	
	P-182	54.75			145.87	262.74		500.53	13.08	878.95	845.00	2,907.14	
	P-185	9.00				5.41		4.11		18.13	15.01	33.80	
	P-387	7.05			9.82			5.12		4.68	15.01	30.78	
Woodbury	P-240			7.18				11.26		5.84		26.40	
	B							31.25		30.15		66.41	
	B							121.02	326.01	137.07	3.97	587.97	
	T-009				93.68			9.58	25.97	10.92		46.47	
	T-504			407.46	444.99			43.51		49.09		196.61	
	B							441.74		500.09		1,887.70	
	P-124	8.50						3.00		3.40	10.92	17.31	
	P-216	13.90	102.44	15.93	423.15			289.82		290.51	77.18	1,641.26	
			49.65		33.40			1.10	47.00		54.94	117.29	281.91
	Wright	B-28							22.97	60.46	27.33	6.15	117.91
P-19		8.50			6.66			2.73		3.11		12.60	
P-109		7.50	18.02		1.04			8.60		9.97	16.07	55.04	
P-241		2.00	27.33		5.81			19.10		22.22	44.15	119.22	
P-289		15.00	65.17	717.72	500.35		48.41	630.35		718.17	3.94	2,764.30	
B-244			43.54					13.45	14.07	15.27	8.45	51.24	
B-296				1.83				31.86	84.21	36.31		153.86	
				\$ 5,736.09	\$ 22,673.34	\$ 36,000.91	\$ 4,736.89	\$ 7,270.19	\$ 59,305.66	\$ 22,145.10	\$ 71,560.38	\$ 41,651.49	\$ 286,729.75
Total													

B-28								22.97	60.46	27.33	6.15	117.91
P-19	8.50				6.66			2.73		3.11		12.60
P-109	7.50	18.02			1.04			8.60		9.97	16.07	55.04
P-241	2.00	27.33			5.81			19.10		22.22	44.15	119.22
P-289	15.00	65.17	717.72	500.35		48.41		630.35		718.17	3.94	2,764.30
B-244		43.54						13.45	14.07	15.27	8.45	51.24
B-296			1.83					31.86	84.21	36.31		153.86
			\$ 5,736.09	\$ 22,673.34	\$ 36,000.91	\$ 4,736.89	\$ 7,270.19	\$ 59,305.66	\$ 22,145.10	\$ 71,560.38	\$ 41,651.49	\$ 286,729.75

SCHEDULE NO. 68

STATEMENT OF PRIMARY ROAD FUND
DECEMBER 1, 1924 TO NOVEMBER 30, 1925
RECEIPTS

Date	Description	Amount	Total
December 1, 1924	Balance		\$ 2,512,375.73
December 1, 1924	State Funds	65,569.53	
January 8, 1925	State Funds	105,611.68	
February 4, 1925	State Funds	4,284,583.09	
March 2, 1925	State Funds	7,210.59	
March 5, 1925	State Funds	1,781,823.88	
April 1, 1925	State Funds	777,378.57	
May 1, 1925	State Funds	402,742.90	
May 1, 1925	State Funds	3,424.45	
June 1, 1925	State Funds	41,000.00	
June 6, 1925	State Funds	396,287.47	
July 5, 1925	State Funds	140,072.30	
July 11, 1925	State Funds	3,091.91	
July 11, 1925	State Funds	232,838.29	
July 16, 1925	State Funds	50.00	
August 1, 1925	State Funds	140,072.30	
August 7, 1925	State Funds	150,226.06	
August 18, 1925	State Funds	55.00	
September 7, 1925	State Funds	194,000.00	
September 19, 1925	State Funds	67,704.64	
September 19, 1925	State Funds	153,341.68	
October 1, 1925	State Funds	164,000.00	
October 1, 1925	State Funds	114,806.96	
October 22, 1925	State Funds	50.00	
October 23, 1925	Federal Funds	136,351.13	
November 5, 1925	State Funds	69,649.42	
November 6, 1925	State Funds	150,000.00	
November 30, 1925	Federal Funds	1,186.91	
November 30, 1925	Federal Funds	109,244.69	9,665,545.49

\$12,178,121.22

EXPENDITURES

November 30, 1925	Expended during year	9,429,978.57
November 30, 1925	Balance	\$ 2,748,142.65

SCHEDULE NO. 69

STATEMENT OF PRIMARY ROAD FUND RECEIPTS AND EXPENDITURES BY
COUNTIES—DECEMBER 1, 1924 TO NOVEMBER 30, 1925

County	No. of Sq. Mi. in Co.	Balance December 1, 1924	Receipts During Period	Total	Expenditures During Period	Balance November 30, 1925
Adair	574	\$ 19,192.72	\$ 98,640.34	\$ 108,833.06	\$ 81,425.03	\$ 27,408.03
Adams	421	21,929.45	75,506.84	97,436.29	22,707.11	72,669.18
Albion	671	14,342.11	115,510.74	129,752.85	5,518.25	124,234.60
Appanoose	511	5,680.64	85,811.48	91,492.12	27,069.12	64,423.00
Audubon	448	34,721.80	70,201.17	104,922.97	1,336.28	103,586.69
Benton	712	13,330.23	122,568.74	141,954.94	18,959.10	122,995.84
Black Hawk	560	225.12	97,435.26	97,660.38	94,179.52	3,480.86
Boone	578	6,120.40	99,501.04	105,621.44	89,576.15	16,045.29
Bremser	434	1,162.02	74,711.86	75,873.88	74,913.47	960.41
Buchanan	367	5,312.34	97,607.42	102,919.76	85,227.79	17,691.97
Buena Vista	186	47,658.87	99,845.34	147,504.21	108,732.42	38,771.79
Butler	577	14,455.21	99,328.91	113,784.12	104,727.99	9,056.13
Calhoun	571	30,501.66	98,296.03	128,797.69	114,467.32	14,330.37
Carroll	573	2,456.30	98,468.14	100,924.44	99,269.67	1,654.77
Cass	564	39,151.40	97,690.98	136,842.44	133,525.42	3,317.02
Cedar	578	13,883.01	99,501.04	115,384.05	106,780.42	8,603.63
Cerro Gordo	575	6,728.08	98,084.62	104,812.70	98,527.07	6,285.63
Cherokee	573	6,057.08	98,640.34	104,697.42	99,630.87	5,066.55
Chickasaw	467	1,916.45	98,468.14	97,473.56	97,473.56	
Clarke	423	12,442.91	73,678.97	86,121.88	59,225.17	26,896.71
Clay	573	490.73	98,640.34	99,131.07	96,936.00	2,195.07
Clayton	700	29,645.44	135,990.22	165,635.66	160,323.43	5,312.23
Clinton	700	46,462.43	122,052.30	168,514.73	143,224.02	25,290.71
Crawford	713	160,969.69	123,085.19	284,054.88	191,294.31	87,450.57
Dallas	592	302.47	101,911.13	102,213.60	200,697.57	1,406.03
Davis	592	16,702.64	86,417.85	103,120.49	95,300.76	7,819.73
Deaer	538	9,033.81	91,734.44	100,768.25	96,256.07	4,512.18
Delaware	571	4,144.86	98,296.03	102,440.89	91,033.27	11,407.62

SCHEDULE NO. 69—Continued

County	No. of Sq. Mi. in Co.	Balance December 1, 1924	Receipts During Period	Total	Expenditures During Period	Balance November 30, 1925
Des Moines	429	8,750.97	73,851.13	82,602.10	76,881.90	5,720.20
Dickinson	411	37,813.28	79,732.47	108,545.75	105,600.79	2,944.96
Dubuque	610	30,148.90	106,042.64	136,191.54	130,905.81	5,285.73
Emmet	417	40,778.72	11,785.35	52,564.07	98,325.96	14,008.11
Fayette	724	24,667.88	124,634.52	149,302.40	139,925.49	9,376.91
Floyd	495	7,775.31	85,812.82	93,588.13	75,052.12	17,936.01
Franklin	578	61,462.49	99,501.04	160,963.53	119,288.74	41,704.79
Fremons	522	6,913.70	89,869.77	96,783.47	90,908.59	5,874.88
Greene	576	1,880.80	99,156.75	101,037.55	98,089.50	2,948.05
Grundy	591	1,909.08	86,245.68	88,154.76	79,948.31	8,206.45
Guthrie	567	8,408.14	102,771.56	111,179.70	108,048.77	3,130.93
Hamilton	579	3,901.08	98,125.87	102,026.95	100,055.58	1,971.37
Hancock	573	20,597.23	98,640.34	119,237.57	53,796.04	65,441.53
Hardin	569	5,917.30	97,951.72	103,869.02	97,899.99	5,969.03
Harrison	712	285,083.93	122,568.74	407,652.67	228,949.17	178,703.50
Henry	427	115,990.83	73,566.84	189,557.67	151,735.08	37,822.59
Howard	468	14,359.63	89,264.87	103,624.50	79,535.33	24,089.17
Humboldt	434	6,839.80	74,711.86	81,551.66	67,599.79	13,951.87
Ida	430	390.73	74,023.26	74,414.01	70,712.86	3,701.15
Iowa	583	170,062.76	100,381.78	270,444.54	190,705.00	79,739.54
Jackson	649	9,837.50	111,723.52	121,561.02	102,187.55	19,373.47
Jasper	739	7,344.32	125,097.49	132,441.81	115,944.80	16,497.01
Jefferson	431	5,844.38	74,195.41	80,039.79	72,469.15	7,570.64
Johnson	611	5,856.85	105,181.91	111,038.76	99,022.80	12,015.96
Jones	569	27,267.85	97,951.72	125,219.57	98,500.24	26,719.33
Keokuk	478	42,172.29	99,501.04	141,673.33	79,088.50	62,584.83
Kossuth	414	41,318.31	167,071.53	208,389.84	146,737.17	61,652.67
Lake Park	544	14,285.71	14,285.71	28,571.42	9,011.24	19,560.18
Linn	717	20,418.90	123,429.60	143,848.50	140,395.44	3,453.06
Louis	436	19,148.94	73,334.72	92,483.66	44,668.52	47,815.14
Luce	432	33,070.28	74,367.56	107,437.84	71,588.38	35,849.46
Lyon	582	46,022.58	100,189.66	146,212.24	113,370.80	32,841.44
Madison	503	22,445.24	96,018.82	118,464.06	100,110.20	18,353.86
Mahaska	515	6,239.40	68,384.64	74,624.04	100,428.60	4,740.44
Marion	577	46,241.74	99,328.91	145,570.65	98,240.15	47,330.50
Marshall	572	13,296.44	98,468.14	111,764.58	91,870.30	19,894.28
Mills	447	394.06	76,949.78	77,343.84	69,902.29	7,441.55
Mitchell	463	10,402.96	79,704.12	90,107.08	71,067.03	19,040.05
Monona	708	8,587.23	121,880.18	130,467.41	118,915.50	11,551.91
Monroe	431	12,937.09	74,539.71	87,476.80	61,843.74	25,633.06
Montgomery	424	26,710.66	72,980.40	99,701.06	32,184.99	67,516.07
Muscatine	456	10,757.31	78,330.95	89,088.26	85,790.15	3,298.11
O'Brien	440	21,017.58	97,951.72	118,969.30	88,704.30	30,265.00
Oceola	515	59,238.52	67,928.12	127,166.64	124,230.12	2,936.52
Page	531	2,122.12	91,410.16	93,532.28	85,786.10	7,746.18
Palo Alto	572	7,894.88	98,468.14	106,363.02	96,998.23	9,364.79
Plymouth	581	6,488.35	148,218.09	154,706.44	133,958.05	20,748.39
Pocahontas	860	17,145.25	99,845.26	116,990.51	92,205.34	24,785.17
Polk	500	100,824.24	102,559.73	203,383.97	90,452.89	112,931.08
Pottawattamie	968	8,125.02	104,916.96	113,041.98	107,511.37	5,530.61
Poweshiek	580	37,679.29	99,845.34	137,524.62	116,601.00	20,923.62
Ringgold	540	2,738.04	92,909.46	95,647.50	85,838.58	9,808.92
Sac	576	10,981.80	99,156.75	110,138.55	78,686.25	31,452.30
Shelby	470	1,597.95	89,809.17	91,407.12	81,045.42	10,361.70
Sioux	589	101,369.74	102,559.73	203,929.47	94,732.59	109,196.88
Story	567	6,963.97	97,007.42	103,971.39	90,518.19	13,453.20
Tama	720	12,512.14	123,945.98	136,458.12	113,687.10	22,771.02
Taylor	533	8,373.81	91,926.37	100,300.18	94,006.99	6,293.19
Union	427	24,809.29	73,366.84	98,176.13	92,374.76	5,801.37
Van Buren	490	5,851.93	81,352.11	87,204.04	67,250.49	20,053.55
Wapello	458	5,644.69	75,490.44	81,135.13	68,914.20	12,220.93
Warren	571	9,807.84	98,296.03	108,103.87	100,376.13	7,727.74
Washington	529	6,302.13	96,230.26	102,532.39	100,614.30	1,918.09
Wayne	445	4,190.55	72,366.84	76,557.39	67,654.78	8,902.61
Webster	723	35,722.01	124,682.37	160,404.38	157,741.42	2,662.96
Winneshiek	369	4,569.72	68,686.73	73,256.44	40,031.58	33,224.86
Winnebago	686	16,396.26	118,092.96	134,489.22	130,867.54	3,621.68
Woodbury	578	33,489.66	151,145.74	184,635.40	99,432.36	85,203.04
Worth	302	4,462.87	72,366.84	76,829.71	55,407.41	21,422.30
Wright	573	929.33	99,501.04	100,430.37	75,124.53	25,305.84

Total \$6,147 \$2,512,375.73 \$9,665,545.46 \$12,178,121.22 \$9,429,978.57 \$2,748,142.65

SCHEDULE NO. 70

STATEMENT OF ANTICIPATION CERTIFICATE FUND RECEIPTS AND EXPENDITURES BY COUNTIES, DECEMBER 1, 1924 TO NOVEMBER 30, 1925

County	Balance December 1, 1924	Receipts During Period	Total	Expenditures During Period	Balance November 30, 1925
Allamakee	12,159.98	75,908.32	88,168.31	82,500.13	5,500.15
Appanoose	18,405.02		18,405.02	18,405.02	
Audubon		20,055.00	20,055.00	4,120.45	15,925.55
Boone		25,005.00	25,005.00	24,971.57	33.43
Bremser	10,377.30		10,377.30	10,377.30	
Buchanan	8,341.40		8,341.40	8,341.40	
Butler	21,299.63	65,913.33	86,312.96	71,318.65	14,994.31
Carroll				12,839.96	12,839.96
Cass		60,197.50	60,197.50	60,095.13	102.37
Cherokee	13,922.00	25,161.33	39,083.33	38,097.17	1,086.16
Chickasaw		50,572.77	50,572.77	53,416.72	*3,342.95
Clayton	228.25	60,070.32	60,298.57	28,512.69	31,785.88
Dallas	28,104.04	35,475.98	63,580.02	63,068.95	481.07
Davis		35,007.08	35,007.08	28,780.27	6,226.81
Delaware	4,194.22		4,194.22	4,194.22	
Dubuque	*5,281.30	30,000.00	35,281.30	24,618.64	10,662.66
Fayette	2,875.75	48,000.00	50,875.75	43,662.35	7,223.40
Greene	2.75		2.75	2.75	
Grundy	20,261.48	50,185.03	70,446.51	58,419.53	12,026.98
Guhrke	*61,637.97	90,188.89	151,826.86	26,123.48	125,703.38
Hamilton	3,425.50	64,376.74	67,802.24	67,802.73	
Hardin	8,576.30	20,224.44	28,800.74	14,426.05	14,374.69
Howard	4,333.94	20,072.86	24,406.80	20,421.58	3,985.22
Ida	25.67	40,018.89	40,044.56	20,947.08	19,097.48
Jasper	39,808.45	50,000.00	89,808.45	89,808.48	
Jefferson	6,881.51		6,881.51	6,881.51	
Johnson	20,000.00	20,837.63	40,837.63	17,731.61	23,106.02
Lee	2,671.38	35,007.50	37,678.88	33,174.34	4,504.54
Linn	40,013.33	40,013.33	80,026.66	40,013.33	40,013.33
Mahaska	27,337.63	75,015.84	102,353.47	44,678.21	57,675.26
Marshall		190.00	190.00	190.00	
Mitchell	5,967.54	25,000.00	30,967.54	25,968.71	4,998.83
Monroe	14,173.50		14,173.50	14,173.50	
Muscatine	414.73	34,063.75	34,478.48	26,394.88	8,083.60
Page	*19,212.90	83,000.00	102,212.90	53,235.22	48,977.68
Palo Alto	32,636.88	61,971.22	94,608.10	57,393.75	37,214.35
Plymouth	15,012.50	15,012.50	30,025.00	15,012.50	15,012.50
Pottawattamie	12,570.97	25,186.91	37,757.88	27,526.81	10,231.07
Poweshiek	40,100.00	40,100.00	80,200.00	31,228.79	48,971.21
Ringgold	1,443.57	31.77	1,475.34	1,450.80	24.54
Sac	2,807.51		2,807.51	2,807.51	
Shelby	55,084.99	55,084.99	110,169.98	52,282.85	57,887.13
Sioux	20,799.10	25,000.00	45,799.10	30,750.09	15,049.01
Story	230.14	25,230.14	25,460.28	25,508.53	*278.39
Tama	690.08	20,683.33	21,373.41	5,025.71	15,347.70
Taylor	4,140.80	28,000.00	32,140.80	32,140.80	
Wapello	6.95		6.95	6.95	
Warren	10,438.34	45,048.82	55,487.16	48,081.17	7,405.99
Washington	*16,373.77	65,113.21	81,486.98	48,571.79	32,915.19
Webster	8,212.72	44,000.00	52,212.72	44,000.00	8,212.72
Winnebago	34.50		34.50	34.50	
Winneshiek	3,250.84	12,026.06	15,276.90	3,530.65	11,746.25
Worth	8,228.58	55,073.20	63,301.78	56,609.23	6,692.55
Wright	2,255.30	15,001.75	17,257.05	6,229.84	11,027.21
Totals	\$201,943.75	\$1,679,102.54	\$1,881,046.29	\$1,612,974.16	\$268,072.13

*Overdraft.

SCHEDULE NO. 71

STATEMENT OF SPECIAL ASSESSMENT FUND RECEIPTS AND EXPENDITURES BY COUNTIES, DECEMBER 1, 1924 TO NOVEMBER 30, 1925

County	Project Number	Assess- ment District No.	Balance December 1, 1924	Receipts During Period	Total	Expendi- tures During Period	Balance November 30, 1925
Black Hawk	200	3	\$44,000.00	\$ 50,717.33	\$ 94,717.33	\$ 6,717.33	\$ 88,000.00
Black Hawk	P-300	3	145.58	145.58	291.16	145.58	145.58
Black Hawk	201	4	*10,000.00	16,515.22	26,515.22	6,318.22	20,197.00
Black Hawk	201	5	*20,000.00	26,536.37	46,536.37	6,330.37	40,206.00
Black Hawk	202	6		27,047.03	27,047.03	27,047.03	
Buchanan	5	1	281.00		281.00	281.00	
Buchanan	5	2	*.00	292.74	292.74	292.74	
Buchanan	P-300	3	58.80	13.48	72.28	72.28	
Buena Vista	S- 11	40				2,029.45	*2,029.45
Buena Vista	S- 10	41				1,558.31	*1,558.31
Buena Vista	S- 10	42				1,476.37	*1,476.37
Buena Vista	S- 10	43				2,600.00	*2,600.00
Buena Vista	S- 11	44				2,901.44	*2,901.44
Calhoun	S- 33	24				4,446.33	*4,446.33
Calhoun	S- 36	30				950.70	*950.70
Calhoun	S- 37	18					
Cerro Gordo	61	1		115,214.25	115,214.25	115,214.25	
Cerro Gordo	61	2		115,844.81	115,844.81	115,844.81	
Cerro Gordo	113	3		125,441.50	125,441.50	125,441.50	
Cerro Gordo	129	4		127,714.44	127,714.44	127,714.44	
Clinton	129	4	*130.37		130.37	130.37	
Clinton	204	5	*50,000.00	54,188.76	104,188.76	4,188.76	100,000.00
Clinton	205	6	*800.00	1,339.82	2,139.82	500.00	1,639.82
Des Moines	P-273	3	702.29		702.29	702.29	
Dickinson	S- 10	10				145.72	*145.72
Emmet	S- 2	8-A		3,540.80	3,540.80	3,049.38	491.42
Emmet	S- 3	10		3,020.00	3,020.00	728.49	2,291.51
Emmet	S- 4	12-A		2,006.70	2,006.70	2,006.70	
Emmet	S- 5	12-B		1,655.40	1,655.40	1,190.73	464.67
Emmet	S- 6	15		525.00	525.00	447.49	77.51
Emmet	S- 7	20		2,036.20	2,036.20	69.51	1,966.69
Floyd	137	3	*1,000.00	500.00	1,500.00	450.00	1,050.00
Greene	29	1	*3,000.00	1,923.59	4,923.59	11,071.41	11,071.41
Greene	P-317	2	141.05		141.05	141.05	
Greene	P-343	3	600.05		600.05	600.05	
Greene	203	4	*21,522.39	22,834.91	44,357.30	1,272.61	43,084.69
Greene	203	5	*28,747.04	22,838.33	51,585.37	1,092.29	50,493.08
Greene	203	6	*12,000.00	11,808.56	23,808.56	113.44	23,695.12
Greene	203	7	*12,500.00	14,995.05	27,495.05	2,496.05	25,000.00
Ida	2	11	1,306.84		1,306.84	670.63	636.21
Johnson	S- 128	1				130.63	*130.63
Kossuth	S- 12	39				2,331.97	*2,331.97
Kossuth	S- 13	37		5,057.00	5,057.00	4,002.02	954.98
Kossuth	S- 14	23		4,238.04	4,238.04	3,063.11	1,174.93
Kossuth	S- 30	59				688.50	*688.50
Kossuth	S- 15	50				3,526.23	*3,526.23
Linn	22	1		43,000.08	43,000.08	13,000.38	30,000.00
Linn	*22	2		123,673.30	123,673.30	123,673.30	
Linn	96	3				4,975.28	*4,975.28
Marshall	23	1	3,837.00	130,288.27	134,125.27	136,160.23	8,000.00
Marshall	211	2		2,632.79	2,632.79	2,632.79	
Marshall	211	4		46,661.04	46,661.04	46,661.04	
Marshall	S- 47	8				2,585.60	*2,585.60
Marshall	S- 47	9				750.10	*750.10
Palo Alto	109	1		154,905.27	154,905.27	154,905.27	
Polk	215	5				15,492.63	*15,492.63
Polk	205	7	*28,554.11	42,385.48	70,939.59	13,253.08	57,686.51
Polk	199	12	3,181.64		3,181.64	3,570.57	*3,570.57
Polk	220	12				6,000.00	*6,000.00
Polk	216	14				23,564.58	*23,564.58
Scott	217	10				10,630.00	*10,630.00
Woodbury	2	7	*74,134.00	76,903.65	151,037.65	2,700.05	148,337.60
Woodbury	2	8	*688.74	30.40	719.14	163.84	555.30
Totals			*\$230,662.62	\$247,000.05	\$477,662.67	\$117,910.72	\$359,751.95

*Overdraft.

†Transfers on account of changes in levies and refund of 1915/6.

SCHEDULE NO. 72

STATEMENT OF PRIMARY ROAD BOND FUND RECEIPTS AND EXPENDITURES BY COUNTIES, DECEMBER 1, 1924 TO NOVEMBER 30, 1925

County	Balance December 1, 1924	Receipts During Period	Total	Expenditures During Period	Balance November 30, 1925
Black Hawk	\$ 56,610.06		\$ 56,610.06	\$ 56,610.06	
Clinton	9,739.72		9,739.72	9,739.72	\$.90
Floyd	133.76		133.76	133.76	
Greene	51,782.64		51,782.64	51,782.64	
Hancock	3,724.18		3,724.18	1,911.50	1,812.68
Kossuth	10,182.46		10,182.46	10,182.46	
Linn	600,000.00		600,000.00	423,350.23	176,649.77
Marshall	800,000.00		800,000.00	641,045.16	158,954.84
O'Brien	46,444.66		46,444.66	46,444.66	
Polk	101,739.94	500,370.00	602,109.94	680,597.38	*78,887.44
Scott	494,165.80	500,974.00	995,139.80	439,672.71	555,467.09
Woodbury	119,331.48		119,331.48	65,987.70	53,343.78
Totals	\$ 888,854.70	\$2,401,344.00	\$3,265,198.70	\$2,429,519.08	\$ 835,379.62

*Overdraft.

SCHEDULE NO. 73
SUMMARY OF ALL EXPENDITURES FOR ROAD AND BRIDGE CONSTRUCTION ON PRIMARY ROAD SYSTEM BY FUNDS DECEMBER 1, 1917 TO NOVEMBER 30, 1925

County	Project Number	Primary Road Fund	Anticipation Certificate Fund	Special Assessment Certificate Fund	Primary Road Bond Fund	County Funds	City Funds	Total
Adair	778	\$ 100,537.00	\$ 25,428.28					\$ 123,965.27
	P-28	146,639.16						146,639.16
	P-102	31,969.72						31,969.72
	B-23	27,488.72						27,488.72
	B-24	12,966.86						12,966.86
	B-64	7,779.17						7,779.17
	B-163	20,706.63	2,435.16					23,141.79
	B-223	1,469.63	42.25					1,511.88
	B-233	21,469.61	31,326.00					52,795.61
	B-248	2,094.32						2,094.32
	B-319	465,588.02	60,319.45					525,907.47
Total		\$ 109,108.00	\$ 1,000.70					\$ 110,108.70
Adams	95	27,943.50	78,018.71					\$ 105,962.21
	227	773.19						773.19
	B-109	21,459.51	12,888.50					34,348.01
	B-112	5,533.38						5,533.38
	FAB-227	138.10						138.10
Total		\$ 234,996.52	\$ 92,000.00					\$ 316,996.52
Allamakee	161	78,708.06	60,888.50					\$ 139,596.56
	162	14,114.00	66,120.70					80,234.70
	P-20	46,419.48						46,419.48
	P-113	42,563.38	76.72					42,640.10
	P-169	2,257.74	1,326.71					3,584.45
	P-257	1,114.14	16,475.26					17,589.40
	P-305	28,147.01	951.53					29,098.54
	C-10	7,459.00						7,459.00
	B-69	3,059.53						3,059.53
	B-69	88,274.58	12,709.66					100,984.24
	B-141	22,373.39	134.50					22,507.89
	B-156	22,373.39	2,071.29					24,444.68
	B-161	31,269.12						31,269.12

SCHEDULE NO. 73—Continued

County	Project Number	Primary Road Fund	Anticipation Certificate Fund	Special Assessment Certificate Fund	Primary Road Bond Fund	County Funds	City Funds	Total
	B-175	62,729.20	2,673.00					65,402.20
	B-215		2,227.29					2,227.29
	B-227	1,256.58						1,256.58
	B-282		2,255.00					2,255.00
Total		\$ 470,185.21	\$ 168,400.15			\$ 57,546.50		\$ 696,130.96
Appanoose	27	76,240.82	77.00					76,317.82
	P-76	101,522.25	9,576.40					111,098.65
	P-227	39,737.52	25,107.26					64,844.78
	C-29		15,000.00				\$ 26,908.41	41,908.41
	B-30	62,289.98						62,289.98
	B-183	53,888.12	10,312.54					64,200.66
Total		\$ 353,698.69	\$ 60,073.20				\$ 26,908.41	\$ 440,740.30
Audubon	52	173,911.10	56,897.97					230,809.07
	308	2,309.05	868.90					2,677.95
	B-60	69,992.40						69,992.40
	B-241	26,837.73						26,837.73
	B-249	12,393.53	8,913.70					21,307.23
	B-277	50,406.63	3,750.15					54,156.80
Total		\$ 332,809.46	\$ 69,430.72					\$ 402,240.18
Benton	58	357,555.12	135,375.00	54,860.10				547,790.22
	238	22,474.00						22,474.00
	C-0	24,000.00					\$ 24,061.94	48,061.94
	B-280	7,794.23						7,794.23
	B-222	11,983.10						11,983.10
Total		\$ 423,806.54	\$ 135,375.00	\$ 54,860.10			\$ 24,061.94	\$ 638,103.58

Black Hawk	25	1,269.55			91,896.71	87,714.15		180,610.41
	62	997.74		61,181.19	535,236.14			697,175.07
	200	*189.49		59,717.33	343,021.90			394,149.82
	201	200.00		43,038.39	301,894.40			345,042.99
	202	*3,483.76		27,947.03	196,145.32			219,706.99
	P-51	15,299.37						15,299.37
	P-123	755.91						755.91
	P-164	47,731.41			5,928.24			53,659.65
	P-233	58,144.96			15,839.00			73,983.96
	P-255	14,238.91						14,238.91
	P-309	145.36			1,284.96			1,430.32
	P-302	57,909.66						57,909.66
	P-321	39,389.67			12,645.44			52,035.11
	P-359	70,978.29			77.53			71,055.82
	B-77	14,782.15						14,782.15
	B-125	21,662.13						21,662.13
	B-126	52,194.66						52,194.66
	B-172	339.00						339.00
	B-266	9,930.65						9,930.65
	B-267	8,282.84						8,282.84
Total		\$ 410,207.32		\$ 183,269.10	\$ 1,506,325.00	\$ 87,714.15		\$ 2,184,705.57
Boone	65	155,912.12	30,000.00					185,912.12
	P-30	731.08	21,045.87					21,776.95
	P-58	25,387.96	116,492.80					141,790.66
	P-61	9,473.57	241.72					9,715.29
	P-134	19,598.70	23,388.79					42,987.49
	B-327		3,925.70					3,925.70
Total		\$ 211,012.33	\$ 207,604.88					\$ 418,617.21
Bremer	88	75,760.17						75,760.17
	P-191	68,206.89	13,346.88					81,553.77
	P-228	26,552.72	1,375.68					27,928.40
	P-277	12,473.48	20,792.28					33,265.76
	P-334	14,913.32	17,223.58					32,136.90
	P-377	344.30						344.30
	P-421	2,269.49						2,269.49
	P-422	6,386.32						6,386.32
	B-58	11,576.20						11,576.20
	B-80	32,722.70	9,863.93					42,586.63
	B-268	45.56	16,022.91					16,068.47
	B-226	3.30	1,374.74					1,378.04
Total		\$ 231,156.91	\$ 89,000.00					\$ 320,156.91

*Minus quantity.

SCHEDULE NO. 73—Continued

County	Project Number	Primary Road Fund	Anticipation Certificate Fund	Special Assessment Certificate Fund	Primary Road Bond Fund	County Funds	City Funds	Total
Bohannon.....	P-69	\$ 254,012.19	\$ 120,665.12	\$ 48,300.24			\$ 6,270.17	\$ 430,510.87
	P-206	1,456.00	21,256.00					23,712.00
	P-209	7,881.33	1,242.00					9,123.33
	P-200	*1,222.31	57,049.57	3,672.23				60,880.49
	B-91	16,416.71	4,464.58					20,881.29
	B-149	1,398.99						1,398.99
	B-148		901.00					901.00
	B-225							
	Total	\$ 287,812.22	\$ 216,587.02	\$ 54,372.37		\$ 2,228.65	\$ 6,270.17	\$ 566,382.04
	Buena Vista.....	P-15	\$ 109,873.71					
P-49		31,588.08						31,588.08
P-103		21,731.87						21,731.87
S-1		13,400.00						13,400.00
S-11		32,103.31		\$ 1,094.13				33,197.44
S-27		13,720.76		9,000.29				22,721.05
S-37		7,001.27						7,001.27
S-29		5,552.94						5,552.94
Total		\$ 278,844.88		\$ 8,094.42				\$ 286,939.30

*Minus quantity.

Butler.....	P-11	\$ 122,201.27	\$ 1,277.65					\$ 123,478.92
	P-12	72,600.25	25,182.70					97,782.95
	P-127	64,135.23	63,691.00					127,826.23
	P-300	24,142.95	38,894.29					63,037.24
	P-271	974.83	2,266.88					3,241.71
	B-172	6,704.20	3,549.20					10,253.40
	B-172		315.49					315.49
	B-202	13,828.68	1,821.29					15,649.97
	B-202		12,102.99					12,102.99
	B-300	8,112.94	7,600.33					15,713.27
Total	\$ 242,245.05	\$ 174,019.02					\$ 416,264.07	
Cahoon.....	P-5	\$ 110,427.51						\$ 110,427.51
	P-10	20,320.22						20,320.22
	P-15	28,878.20	11,321.63					40,199.83
	P-16	31,468.83	2,678.24					34,147.07
	P-107	7,207.24	6,054.07					13,261.31
	P-300	2,558.71						2,558.71
	S-25	9,333.41						9,333.41
	S-31	26,020.56						26,020.56
	S-35	8,704.84		\$ 2,001.44				10,706.28
	S-37	10,300.83		4,146.23				14,447.06
Total	\$ 242,245.05	\$ 174,019.02	\$ 6,097.19			\$ 38,651.90	\$ 420,913.16	
Carroll.....	P-10	\$ 276,808.23	\$ 20,058.84	\$ 8,207.47			\$ 35,631.99	\$ 340,604.53
	P-5	90,000.00						90,000.00
	P-134	20,554.53	81,914.87					102,469.40
	P-141	57,913.75	29,975.00					87,888.75
	P-295	5,996.29						5,996.29
	P-292	9,400.94	19,250.99					28,651.93
	P-292	3,258.44						3,258.44
	C-19	3,325.79	257.27					3,583.06
	B-14	26,087.76						26,087.76
	B-24	3,821.87						3,821.87
B-113	3,043.28	20,469.26					23,512.54	
B-112	35,103.28	7,469.70					42,572.98	
Total	\$ 506,056.18	\$ 179,421.77				\$ 27,305.69	\$ 712,783.64	

SCHEDULE NO. 73—Continued

County	Project Number	Primary Road Fund	Anticipation Certificate Fund	Special Assessment Certificate Fund	Primary Road Bond Fund	County Funds	City Funds	Total
Cass	44	\$ 65,124.25	\$ 29,820.26					\$ 94,944.51
	155	106,083.30	63,124.06					169,207.36
	P-150	15,901.19	20,000.00					35,901.19
	B-61	28,918.09						28,918.09
	B-169	59,180.51	1,815.34					60,995.85
	B-273		10,516.71					10,516.71
	B-283	52,042.04	19,758.16					71,800.20
	Total		\$ 364,749.38	\$ 145,095.13				
Cedar	57	\$ 115,419.88						\$ 115,419.88
	213	2,650.67						2,650.67
	P-114	208,606.32						208,606.32
	P-310	31,100.64						31,100.64
	P-437	514.00						514.00
	B-304	21,124.89						21,124.89
	B-205	23,285.11						23,285.11
	B-238	25,233.80						25,233.80
	B-239	35,437.02						35,437.02
	B-280	17,581.62						17,581.62
	B-281	16,245.65						16,245.65
Total		\$ 492,249.51						\$ 492,249.51
Cerro Gordo	1	\$ 44,907.50				\$ 46,794.12		\$ 91,701.62
	61	116,425.57		\$ 31,059.07	\$ 129,971.39			\$ 277,456.03
	115	215,989.65		178,176.38	616,799.29			1,008,965.32
	P-275	73,177.92			3,229.33			75,407.31
	C-22	3,500.00					\$ 12,614.88	16,114.88
Total		\$ 431,000.71		\$ 209,235.45	\$ 750,000.00	\$ 46,794.12	\$ 12,614.88	\$ 1,400,645.16
Cherokee	116	\$ 30,256.83						\$ 30,256.83
	P-98	47,495.94						47,495.94
	P-151	65,164.00		\$ 28,155.20				93,319.20
	P-214	61,245.55		5,802.67				67,048.22
	P-240	14,158.95						14,158.95
	P-262	4,642.13		15,008.65				19,650.78
	P-295	52,918.42						52,918.42
	P-415	3,628.46		9,836.22				13,464.68
	B-7	23,074.17						23,074.17
	B-170	14,162.41						14,162.41
	B-182	66,515.55						66,515.55
	B-194	1,916.82		13,985.63				15,902.45
	B-261	21,853.10		9,442.36				31,295.46
	Total		\$ 468,742.46	\$ 74,820.43				
Chickasaw	35	\$ 97,390.79				\$ 178.00		\$ 97,568.79
	76	128,600.91		\$ 45,813.56				174,414.47
	160	1,099.61						1,099.61
	177	8,203.01		87,023.09				95,226.10
	P-131	300.00		26,388.46				26,688.46
	FAB-160			9,245.51				9,245.51
	B-169			12,228.70				12,228.70
	B-340	3,967.50		23,501.54				27,469.04
B-324			49.03				49.03	
Total		\$ 240,041.82	\$ 227,171.56			\$ 178.00		\$ 467,391.38
Clarke	23	\$ 96,950.97						\$ 96,950.97
	241	488.40						488.40
	P-31	95,183.78		\$ 2,604.11				97,787.89
	P-313	24,950.94		80,360.02				105,310.96
	B-83	17,728.32						17,728.32
	B-184	14,068.30		11,685.87				25,754.17
Total		\$ 249,370.71	\$ 53,000.00					\$ 302,370.71
Clay	P-32	\$ 20,227.75						\$ 20,227.75
	P-56	118,806.45						118,806.45
	P-256	35,806.53						35,806.53
	P-259	81,567.88						81,567.88
	P-430	2,048.37						2,048.37
	B-36	46,808.08						46,808.08
	B-191	18,082.35						18,082.35
	B-193	85,107.16						85,107.16
B-288	1,518.54						1,518.54	
Total		\$ 413,211.94						\$ 413,211.94

IOWA STATE HIGHWAY COMMISSION

SCHEDULE NO. 73—Continued

County	Project Number	Primary Road Fund	Anticipation Certificate Fund	Special Assessment Certificate Fund	Primary Road Bond Fund	County Funds	City Funds	Total	
Clayton	74	\$ 573,832.38	\$ 90,196.60					\$ 664,028.98	
	156	73,236.31	334,836.54					408,072.85	
	P-70	29,631.19	5,401.10					35,032.29	
	P-144	1,674.56	634.96					2,309.52	
	P-236	7,682.49	4,827.25					12,509.74	
	P-306	4,834.65	2,588.71					7,423.36	
	B-62	12,622.97						12,622.97	
	B-63	12,826.78						12,826.78	
	B-85	48,313.77	6,894.77					55,208.54	
	B-136	2,194.25	963.82					3,158.07	
	B-167	41,729.65						41,729.65	
	B-169	5,292.60						5,292.60	
	Total		\$ 313,803.65	\$ 293,446.00					\$ 607,249.74
	Clinton	15	\$ 247,499.59	\$ 100,639.63		\$ 370,303.29			\$ 918,442.51
		156	32.00	60,884.97		414,892.05			475,799.02
157		1,000.00	16,299.75		135,175.39			152,475.14	
304		14,672.40	39,072.49		39,072.49			92,817.38	
305		4,195.50	54,188.76		32,033.77			100,668.03	
P-223		36,012.74	1,300.00		29,025.14			66,337.88	
P-271		5,672.31			7,885.97			13,558.28	
P-272		4,894.31			16,533.09			21,427.40	
P-352		39,541.97			5,428.01			44,970.00	
P-434		4,794.00			39,897.60			44,691.60	
B-210		1,600.35			6,000.23			7,600.58	
B-217		18,471.65				\$ 29,096.42		47,568.07	
Total			\$ 377,023.37	\$ 244,246.63	\$ 1,714,488.38		\$ 19,096.42		\$ 2,391,854.10

FINANCIAL STATEMENT

Crawford	222	\$ 24,473.45						\$ 24,473.45	
	P-6	169,652.11						169,652.11	
	P-283	107,225.20						107,225.20	
	P-289	137,833.80						137,833.80	
	P-306	5,228.28						5,228.28	
	B-65	37,542.85						37,542.85	
	B-111	2,465.67						2,465.67	
	B-155	32,107.84						32,107.84	
	B-250	16,558.90						16,558.90	
	Total	\$ 498,311.84						\$ 498,311.84	
	Dallas	13	\$ 53,294.34	\$ 488.00					\$ 53,782.34
		P-32	99,265.96	45,642.80					144,908.45
		P-72	1,066.45						1,066.45
		P-169	44,033.18	12,669.49					56,702.67
		P-194	5,899.69	16,372.91					22,272.60
P-206		1,000.00	20,471.65					21,471.65	
P-250		1,925.07	49,262.07					51,187.14	
B-300			14,787.65					14,787.65	
Total		\$ 397,855.68	\$ 70,214.41					\$ 468,070.09	
Davis		50	\$ 105,010.84						\$ 105,010.84
		132	87,663.00						87,663.00
		208	121,462.78						121,462.78
		B-116	22,443.63	6,860.21					29,303.84
		B-131	28,813.51						28,813.51
		B-216	44,341.32	21,436.66					65,777.98
	Total	\$ 423,422.66	\$ 28,786.87					\$ 452,209.53	
Miscellaneous quantity.									

SCHEDULE NO. 73—Continued

County	Project Number	Primary Road Fund	Anticipation Certificate Fund	Special Assessment Certificate Fund	Primary Road Fund	County Funds	City Funds	Total
Des Moines		\$ 145,801.49						\$ 145,801.49
	S-122	211,887.44						311,887.44
	P-318	57,855.55						57,855.55
	P-319	23,745.22						23,745.22
	P-366	17,285.34						17,285.34
	B-53	35,669.26						35,669.26
	B-144	13,279.90						13,279.90
	B-145	19,104.31						19,104.31
	B-284	1,054.13						1,054.13
	Total		\$ 433,396.98					
Delaware	4	\$ 68,176.07	\$ 1,841.60					\$ 70,017.67
	P-309	108,289.34	8,244.50					116,533.84
	P-310	29,727.14	96,316.58					126,043.72
	P-328	4,041.90	2,809.52					6,851.42
	C-8	16,884.92	11,600.00					28,484.92
C-26	7,000.00	11,707.05					18,707.05	
B-186	57,897.00						57,897.00	
Total		\$ 366,811.82	\$ 185,419.44					\$ 552,231.26
Des Moines	22	\$ 107,845.23	\$ 101,456.57	\$ 46,463.11				\$ 255,764.91
	P-53	95,466.63	31,212.00	27,818.76				154,497.39
	C-373	1,614.52	4,271.98					5,886.50
	C-18	1,047.25	15,952.75					16,999.99
	Total		\$ 305,115.97	\$ 147,694.54	\$ 73,534.12			

*Minus quantity.

Decatur		\$ 294,082.04		\$ 25,125.00				\$ 319,207.04	
	P-55	6,943.24						6,943.24	
	P-328	14,590.80						14,590.80	
	S-50	137,158		145.72				137,303.72	
	B-276	1,466.08						1,466.08	
	Total		\$ 247,422.51	\$ 197,259.29	\$ 25,270.72			\$ 469,952.52	
	Dubuque	17	\$ 290,627.58	\$ 7,571.06					\$ 308,198.64
		P-146	34,631.47	150,297.00					184,928.47
		P-17	15,030.84						15,030.84
		B-132	25,691.13						25,691.13
B-178		29,453.45	14,370.20					43,823.65	
Total			\$ 296,654.86	\$ 197,259.29				\$ 493,914.15	
Emmet		49	\$ 14,432.12						\$ 14,432.12
		P-301	8,287.48						8,287.48
		P-301	3,763.11						3,763.11
		P-361	19,879.10						19,879.10
	S-2	26,854.42						26,854.42	
	S-2	26,001.62						26,001.62	
	S-5	19,017.78						19,017.78	
	S-6	4,997.30						4,997.30	
	S-7	21,237.22						21,237.22	
	S-23	8,159.68						8,159.68	
S-21	15,107.44						15,107.44		
S-21	22,442.66						22,442.66		
B-274	5,881.35						5,881.35		
Total		\$ 256,727.01	\$ 7,571.06					\$ 264,298.07	
Fayette	59	\$ 278,462.96	\$ 88,290.56					\$ 366,753.52	
	164	6,831.72	76,520.64					83,352.36	
	P-143	56,484.47	51,284.21					107,768.68	
	P-144	22,279.78	22,007.31					44,287.09	
	P-144	16,019.72	3,087.49					19,107.21	
	P-241	6,785.77	3,573.50					10,359.27	
	P-373		29,346.42					29,346.42	
	P-383	11,073.67	138.67					11,212.34	
	B-189	11,782.00	12,459.00					24,241.00	
	Total		\$ 419,411.05	\$ 227,921.02				\$ 647,332.07	

SCHEDULE NO. 73—Continued

County	Project Number	Primary Road Fund	Anticipation Certificate Fund	Special Assessment Certificate Fund	Primary Road Bond Fund	County Funds	City Funds	Total
Floyd	41	\$ 236,901.00		\$ 70,460.50	\$ 356,967.84			\$ 664,329.34
	157	21,630.32		7,792.09	73,963.17			103,400.18
	P- 63	2,807.16		27,610.06	236,327.10			266,744.32
	P- 73				3,136.89			5,156.89
	P-268	51,886.89						51,886.89
	P-269	34,473.87						34,473.87
	B-176	2,384.91						2,384.91
Total		\$ 350,104.15		\$ 105,866.25	\$ 671,315.00			\$ 1,127,485.40
Franklin	105	\$ 95,663.47						\$ 95,663.47
	171	122,874.48						122,874.48
	212	34,677.30						34,677.30
	P- 46	52,770.24						52,770.24
	P- 88	1,234.87						1,234.87
	P-190	23,602.61						23,602.61
	P-261	22,731.62						22,731.62
	P-354	6,843.39						6,843.39
	E-414	3,635.32						3,635.32
	S- 16	62,382.27						62,382.27
	S- 40	5,998.84						5,998.84
	B- 56	8,103.07						8,103.07
	B-258	24,707.45						24,707.45
	B-321	111.25						111.25
Total		\$ 465,446.24						\$ 465,446.24
Fremont	77	\$ 198,848.33	\$ 1,834.08					\$ 200,682.41
	P- 84	18,307.91						18,307.91
	P-198	4,959.60						4,959.60
	B- 1	8,916.02	110,147.41					119,063.43
	B- 6	9,037.28	6,092.76					15,130.04
	B-297	5,545.00						5,545.00
Total		\$ 246,621.24	\$ 118,674.25					\$ 365,295.49

Greene	39	\$ 119,274.83	\$ 386.80	\$ 37,061.02	\$ 205,155.00			\$ 361,867.75
	193	70,629.34	71,733.41					142,362.75
	203	5,334.04		73,828.83	491,608.75			570,531.14
	P- 24	5,374.08	37,300.00					42,674.08
	P-153	11,319.60						11,319.60
	P-352		3,116.50					3,116.50
	P-379		4,219.80					4,219.80
	P-324	29,600.91						29,600.91
	P-347	*356.02	500.47	8,417.30	49,930.00			58,503.65
	P-348	*504.43	7.00	6,245.96	40,951.85			48,709.58
	P-337	5,996.44						5,996.44
	B-130	61.76						61.76
	B-243	6,061.00	30.90					6,091.90
	B-247	5,980.23						5,980.23
	B-264	19,979.86						19,979.86
	B-314	4,666.90						4,666.90
Total		\$ 288,478.33	\$ 119,355.48	\$ 125,248.13	\$ 787,715.00			\$ 1,315,791.94
Grundy	19	\$ 76,418.80	\$ 2.20					\$ 76,421.00
	P- 48	69,972.87	15,429.27					85,402.14
	P-123	23,488.37	69,228.07					92,716.44
	P-163	21,708.60						21,708.60
	P-242	12,662.83	57,388.00					70,050.83
	P-267		2,425.35					2,425.35
	P-331		420.70					420.70
	P-375		36,862.67					36,862.67
	P-417		39,995.19					39,995.19
	B- 32	33,084.78						33,084.78
	B-102	1,359.59						1,359.59
	B-172	146.02	17,845.01					17,991.03
Total		\$ 229,141.77	\$ 224,607.52					\$ 453,749.29
Guthrie	51	\$ 176,615.55	\$ 5,616.61					\$ 182,232.16
	145	17,988.66	109,344.06					127,332.72
	179	4,028.02	104,794.48					108,822.50
	B- 12	23,468.98	27,000.00					50,468.98
	B- 78	17,770.43	73,502.36					91,272.79
Total		\$ 239,871.69	\$ 285,758.01					\$ 525,629.70

*Minus quantity.

SCHEDULE NO. 73—Continued

County	Project Number	Primary Road Fund	Anticipation Certificate Fund	Special Assessment Certificate Fund	Primary Road Bond Fund	County Funds	City Funds	Total
Hamilton	07	79,275.41	\$ 21,869.74					\$ 98,145.15
	P-79	32,299.74	92,489.23					32,001.24
	P-305	35,000.44	8,300.00					132,000.44
	P-217		57,885.94					57,885.94
	P-218		42,274.33					42,274.33
	P-254		4,321.00					11,297.86
	P-254	6,825.96	4,175.44					9,011.41
	B-9	4,845.94	4,138.42					40,083.00
	B-41	20,070.63	28,991.46					2,744.00
	B-103		2,744.00					4,067.91
	B-104	2,138.11	4,067.91					8,281.45
	B-157	2,105.71	5,983.37					2,451.11
	Total		\$ 227,612.35	\$ 280,594.24				
Hancock	04	302,625.92		\$ 100,721.07	\$ 421,782.97			\$ 928,877.96
	P-79	129,293.21			19,029.77	\$ 200.00		129,293.21
	P-195	56,491.80						20,562.05
	P-178	15,746.29		\$ 2,410.23				38,282.20
	P-389	98,255.39						18,900.18
	S-318	12,000.18						24,496.00
	S-318	91,000.00						4,000.00
	S-44	4,800.00						5,653.00
	S-45	5,653.00						5,653.00
	Total		\$ 471,419.19		\$ 106,141.40	\$ 614,214.07	\$ 200.00		$ 1,211,974.66
Hardin	P-4	60,104.45	6,496.28					\$ 32,000.73
	P-88	179,294.68	100,125.21					11,827.81
	P-212	386.18	11,451.66					17,783.83
	P-351	4,229.20	13,206.05					25,619.66
	C-17	20,200.00	15,200.00					49,200.21
	Total		\$ 259,213.11	\$ 296,882.20				

County	Project Number	Primary Road Fund	Anticipation Certificate Fund	Special Assessment Certificate Fund	Primary Road Bond Fund	County Funds	City Funds	Total	
Harrison	14	113,272.90						\$ 113,272.90	
	214	90,194.83						90,194.83	
	228	43,719.87						43,719.87	
	P-22	52,016.92						52,016.92	
	C-3	15,400.34						33,447.40	
	B-58	132,433.30						132,433.30	
	FAB-228	47,135.52						47,135.52	
	B-312	3,065.78						3,065.78	
	Total		\$ 519,443.47						\$ 537,439.63
	Henry	50	97,860.66						\$ 97,860.66
		151	114,135.75						114,135.75
		P-119	14,094.37						14,094.37
		B-50	15,299.68						15,299.68
FAB-151		71,251.90						71,251.90	
B-313		24,222.56						24,222.56	
B-329		3,086.19						3,086.19	
Total			\$ 343,670.01						\$ 343,670.01
Howard		31	103,616.83	747.97					\$ 104,364.80
		53	83,417.00	25,921.07					100,338.07
		P-100	14,410.62	54,065.64					68,506.26
		P-102	42,674.33	63,879.10					1,374.53
		P-121	3,904.40	1,396.10					7,670.54
	FAB-121		4.86					7,232.54	
	B-52	9,562.55						4.86	
	B-594	4,000.20	2,716.69					9,592.26	
	B-366							4,295.29	
	Total		\$ 263,818.23	\$ 125,672.12					\$ 2,716.69
	Humboldt	45	105,146.63	81.84					\$ 105,228.47
		117	79,688.49	87,374.92					166,663.41
		S-10	25,212.65	9,533.25					25,842.98
S-10		9,533.25						9,533.25	
B-129		830.17	1,015.31					2,865.48	
Total			\$ 218,435.73	\$ 99,672.07					\$ 300,105.90

SCHEDULE NO. 73—Continued

County	Project Number	Primary Road Fund	Anticipation Certificate Fund	Special Assessment Certificate Fund	Primary Road Bond Fund	County Funds	City Funds	Total
Iowa	2	\$ 825.21		\$ 2,253.61				\$ 3,078.82
	80	115,982.55	3,139.32					119,121.87
	P-101	35,796.90	36,222.46					72,019.36
	P-203	23,038.28	15,966.92					38,995.20
	P-213	24,599.77	14,653.65					39,253.42
	P-274		26,672.60					26,672.60
	P-304		1,338.25					1,338.25
	P-379	25,982.73						25,982.73
	B-44	28,110.56	796.60					28,907.16
	B-92	17,146.05	4,023.84					21,169.89
	B-106	22,940.24	5,182.22					28,122.46
Total		\$ 326,922.39	\$ 108,065.26	\$ 2,253.61				\$ 437,241.26
Iowa	90	\$ 194,354.34						\$ 194,354.34
	124	31,115.03						31,115.03
	244	8.43						8.43
	P-130	3,572.52						3,572.52
	B-19	77,974.70						77,974.70
	PAB-194	44,099.27						44,099.27
	B-196	3,892.57						3,892.57
	B-302	7,684.02						7,684.02
Total		\$ 392,700.88						\$ 392,700.88
Jackson	21	\$ 128,090.52						\$ 128,090.52
	143	10,458.29						10,458.29
	144	131,849.42	52,709.77					184,559.19
	B-3	91,078.57						91,078.57
	B-57	29,963.83						29,963.83
	B-59	43,196.47	22,351.88					65,548.35
	B-70	40,586.82						40,586.82
Total		\$ 476,124.12	\$ 75,061.65					\$ 551,185.77

Jasper	64	\$ 89,563.04	\$ 79,739.71					\$ 169,302.75
	P-77	106,358.68	29,727.94					136,086.62
	P-92	9,543.55	7,119.24					16,662.79
	P-189	16,893.24	115,698.76					132,591.99
	B-29	20,532.87						20,532.87
	B-34	56,159.79	16,837.59					72,997.38
	B-150	29,689.69	12,812.40					42,502.09
	B-168	12,966.78	42,616.94					55,583.72
Total		\$ 341,929.25	\$ 307,453.25					\$ 649,382.50
Jefferson	3	\$ 100,576.73						\$ 100,576.73
	139	38,104.02	4,752.48					42,856.50
	P-239	87,661.43	55,124.53					142,785.96
	B-45	19,549.35						19,549.35
	B-107	43,126.66	20,178.52					63,305.18
Total		\$ 289,118.24	\$ 80,055.53					\$ 369,173.77
Johnson	9	\$ 55,288.72		\$ 7,483.59		\$ 39,366.77		\$ 102,138.08
	128	115,192.00		14,276.38				129,468.38
	P-35	72,105.12	1,351.64					73,456.76
	P-97	17,285.12						17,285.12
	P-207	96,367.60	40,601.42					136,969.02
	P-286	7,759.27						7,759.27
	P-310	13,135.08	7,909.94					21,045.02
	P-311	20,814.41	132.10					20,946.51
	C-4	12,664.82						12,664.82
	C-11	13,219.19						13,219.19
	C-34		15,000.00					15,000.00
	B-316	16.87	1,781.58					1,798.45
Total		\$ 431,866.10	\$ 86,926.69	\$ 21,759.88		\$ 39,366.77	\$ 73,581.09	\$ 553,501.12
Jones	86	\$ 201,181.20						\$ 201,181.20
	163	145,744.55						145,744.55
	224	6,587.28						6,587.28
	P-281	12,051.77						12,051.77
	P-370	21,013.05						21,013.05
	B-38	44,886.02						44,886.02
	B-190	268.33						268.33
	B-209	58,953.17						58,953.17
Total		\$ 490,666.27						\$ 490,666.27

SCHEDULE NO. 73—Continued

County	Project Number	Primary Road Fund	Anticipation Certificate Fund	Special Assessment Certificate Fund	Primary Road Bond Fund	County Funds	City Funds	Total
Keokuk	34	\$ 113,120.08						\$ 113,120.08
	191	181,189.00						181,189.00
	P-128	47,953.08						47,953.08
	P-246	36,461.31						36,461.31
	B-147	14,173.91						14,173.91
	B-148	31,457.90						31,457.90
	B-149	34,800.79						34,800.79
	B-222	4,672.97						4,672.97
Total		\$ 453,830.90						\$ 453,830.90
Kossuth	66	\$ 246,473.97	\$ 24,183.11					\$ 270,657.08
	111	55,989.87	7,831.21					63,821.08
	149	492.21	141,167.00	\$ 38,403.97	\$ 129,622.70			219,655.88
	P- 8	34,462.56	12,965.41		73,182.46			120,610.43
	P-270	654.03	6,676.52	6,276.84	44,616.06			57,623.45
	P-283		4,189.26					4,189.26
	S- 12	46,163.96		2,331.07				48,495.03
	S- 13	15,251.83		4,092.02				19,343.85
	S- 14	13,798.19		2,063.11				16,491.21
	S- 15	34,314.55		3,236.23				38,110.78
	S- 30	2,065.50		688.59				2,754.00
	S- 31	20,913.39						20,913.39
	S- 32	4,995.00						4,995.00
	B- 89	5,397.34						5,397.34
	B-138	5,122.31	1,062.21					7,084.72
	B-269		3,556.00					3,556.00
C- 7			22,418.10				\$ 50,733.86	73,171.96
Total		\$ 484,904.73	\$ 224,308.82	\$ 58,011.74	\$ 307,421.22		\$ 50,733.86	\$ 1,075,350.37
Lee	P- 68	\$ 221,192.33	\$ 22,097.01					\$ 243,199.34
	P-149	17,092.69	115,402.49					132,495.18
	P-303	40.96	12,959.09					13,134.05
	B- 2	11,061.23						11,061.23
	B-100	17,650.10	13,566.70					31,216.80
	B-291		17,563.29					17,563.29
Total		\$ 296,557.33	\$ 138,789.58					\$ 435,346.91

Linn	22	\$ 280,290.90	\$ 148,240.82	\$ 50,798.07		\$ 20,000.00		\$ 499,299.79	
	96	37,311.13	33,000.96	1,975.28				366,072.25	
	224				24,908.58			24,908.58	
	225				36,956.97			36,956.97	
	229				436.45			436.45	
	230				8,981.98			8,981.98	
	P-221	9,067.34						9,067.34	
	P-257	1,739.47						1,739.47	
	P-295	4,200.00						4,200.00	
	P-345	2,586.94						2,586.94	
	B-391				35,911.56			35,911.56	
	B-399				9,102.02			9,102.02	
	B-310				18,078.80			18,078.80	
	B-311				169.91			169.91	
	Total		\$ 330,245.78	\$ 181,241.78	\$ 55,773.35	\$ 425,320.23	\$ 20,000.00		\$ 1,017,584.14
	Louisa	53	\$ 152,178.60						\$ 152,178.60
P- 75		46,000.13						46,000.13	
P- 79		33,375.45						33,375.45	
B- 4		65,974.84						65,974.84	
B-111		11,529.79						11,529.79	
B-112		12,172.19						12,172.19	
Total		\$ 341,282.10						\$ 341,282.10	
Lucas	63	\$ 153,539.87	\$ 71,667.06					\$ 225,206.93	
	223	16,634.60						16,634.60	
	C- 24		4,538.91			\$ 6,783.65		11,645.56	
	B- 8	32,682.32	18.75					32,701.07	
	B- 10	4,035.44	622.00					5,187.44	
	B-101	2,148.77	12,660.03					15,108.80	
	B-206	31,638.40						31,638.40	
Total		\$ 241,979.45	\$ 80,736.75			\$ 6,783.65		\$ 329,499.85	

SCHEDULE NO. 73—Continued

County	Project Number	Primary Road Fund	Anticipation Certificate Fund	Special Assessment Certificate Fund	Primary Road Bond Fund	County Funds	City Funds	Total
Lyon	110	\$ 121,549.05						\$ 121,549.05
	P- 85	56,198.00	\$ 110.76					56,308.76
	P-146	38,163.82	16.92					38,180.74
	P-174	39,243.19						39,243.19
	P-229	64,486.07	17,025.88					81,511.95
	P-292	16,715.77	459.30					17,175.07
	P-307	29,046.21	3.39					29,049.60
	P-388	21,558.04						21,558.04
	B- 66	10,513.74	4,484.00					14,997.74
	B- 84	10,570.86						10,570.86
	B-127	22,129.58	2,921.39					25,050.97
	B-179	20,830.82						20,830.82
B-328	30,704.93						30,704.93	
Total		\$ 481,701.77	\$ 25,061.65					\$ 506,763.42
Madison	109	\$ 20,878.13	\$ 23,847.33					\$ 44,725.46
	236	1,449.52						1,449.52
	P- 36	195,048.11	952.09					196,000.20
	B- 5	79,911.34						79,911.34
	B-189		13,282.76					13,282.76
	B-273	6,800.55						6,800.55
Total		\$ 302,177.66	\$ 38,082.18					\$ 340,259.83
Mahaska	70	\$ 162,472.55	\$ 73,805.68					\$ 236,278.23
	146	39,752.71	59,542.28					99,294.99
	B- 27	32,751.34	502.00					33,253.34
	FAB- 70	14,527.68	32,445.52					46,973.20
	B-122	24,932.00	4,307.84					29,239.84
	B-129	5,833.76	57,720.71					63,554.47
	B-130	2,015.00						2,015.00
	Total		\$ 327,284.44	\$ 228,884.03				

Marion	7	\$ 45,063.70				\$ 29,005.86		\$ 74,069.56	
	75	164,655.57						164,655.57	
	231	37,746.26						37,746.26	
	233	1,102.71						1,102.71	
	P-315	92,963.07						92,963.07	
	P-339	13,286.85						13,286.85	
	B-119	9,596.63						9,596.63	
	B-143	5,531.43						5,531.43	
	B-151	17,081.88						17,081.88	
	B-245	12,444.66						12,444.66	
	Total		\$ 398,972.22				\$ 29,005.86		\$ 427,978.08
	Marshall	23	\$ 119,093.31	\$ 41,656.59	\$ 30,288.26	\$ 197,165.62			\$ 388,203.78
		211	17,993.56	32,375.91	31,847.82	423,879.54			506,296.83
P- 73		23,346.90	24,565.40					47,912.30	
P-240		53,862.37	47,031.12					100,893.49	
P-356		14,919.91	993.30					15,913.21	
P-409		22,492.04						22,492.04	
P-442		11.71						11.71	
S- 47		10,017.11		3,298.70				13,315.81	
S- 48		3,480.38						3,480.38	
C- 36					30,000.00		\$ 19,230.83	39,230.83	
B- 34		18,270.56	18,146.24					36,416.80	
B-159		9,338.27	38,820.11					48,158.38	
B-307		6,680.90						6,680.90	
Total			\$ 298,921.02	\$ 203,514.07	\$ 65,434.78	\$ 641,045.16		\$ 19,230.83	\$ 1,228,446.46
Mills	15	\$ 105,921.08	\$ 105,496.65					\$ 211,417.73	
	B- 11	122,247.61						122,247.61	
Total		\$ 228,168.69	\$ 105,496.65					\$ 333,665.34	
Mitchell	45	\$ 163,906.28	\$ 26,170.88					\$ 190,077.16	
	P-138	19,649.56	136,134.88					155,784.44	
	P-161	886.76						886.76	
Total		\$ 184,442.60	\$ 162,305.76					\$ 346,748.36	
Monona	184	\$ 95,466.26						\$ 95,466.26	
	P- 38	250,015.81						250,015.81	
	P- 48	172,567.73						172,567.73	
	B-171	18,941.43						18,941.43	
	B-317	29,662.77						29,662.77	
Total		\$ 566,022.00						\$ 566,022.00	

IOWA STATE HIGHWAY COMMISSION

SCHEDULE NO. 73—Continued

County	Project Number	Primary Road Fund	Anticipation Certificate Fund	Special Assessment Certificate Fund	Primary Road Bond Fund	County Funds	City Funds	Total	
Monroe	20	\$ 86,419.19						\$ 86,419.19	
	P-78	107,465.31	\$ 11,686.24					119,151.55	
	P-294	38,990.30	675.00					39,665.30	
	C-16	8,000.00					\$ 24,135.22	32,135.22	
	B-20	33,305.04						33,305.04	
	B-28	23,105.00	7,688.62					30,793.62	
	B-201	13,688.47						13,688.47	
	B-211	1,135.00						1,135.00	
	B-279	1,765.67						1,765.67	
	Total	\$ 305,013.14	\$ 20,044.86				\$ 24,135.22		\$ 349,193.22
Montgomery	16	\$ 130,145.05	\$ 69,387.68					\$ 219,532.73	
	B-142	961.69						961.69	
	B-195	5,293.57	10,888.27					16,181.84	
	Total	\$ 136,399.31	\$ 80,275.95					\$ 216,675.26	
Muscatine	40	\$ 129,696.50						\$ 130,000.88	
	87	53,165.21	48,727.49					101,892.70	
	P-260	29,888.68	25,437.64					55,326.32	
	P-306	34,031.62	11,997.65					46,029.27	
	B-40	25,921.76	18,076.32					44,000.00	
	B-300								
	Total	\$ 272,577.48	\$ 102,885.15					\$ 375,462.63	
	O'Brien	43	\$ 159,863.29						\$ 159,863.29
		P-69	52,865.71		\$ 329,171.17	\$ 865,171.28			\$ 1,350,073.25
		P-335	47,254.87						94,509.74
P-384		12,606.81						12,606.81	
P-413		15,788.34						15,788.34	
B-412		21,866.26						21,866.26	
B-413		13,866.26						13,866.26	
B-198		13,866.26						13,866.26	
Total		\$ 329,256.56		\$ 329,171.17	\$ 865,171.28			\$ 1,523,605.01	

FINANCIAL STATEMENT

Oswego	P-15	\$ 104,035.00						\$ 104,035.00
	P-109	16,833.40						16,833.40
	P-197	45,833.01						45,833.01
	P-301	2,949.71						2,949.71
	P-295	35,107.78						35,107.78
	P-355	27,736.48						27,736.48
	S-9	29,198.00						29,198.00
	S-17	5,623.89						5,623.89
	S-22	10,403.25						10,403.25
	S-42	10,403.25						10,403.25
B-87	19,182.76						19,182.76	
B-219	4,728.00						4,728.00	
B-200	5,459.94						5,459.94	
Total	\$ 315,823.43							\$ 315,823.43
Page	137	\$ 45,178.99	\$ 88,946.65					\$ 134,125.64
	178	36,831.88	53,012.41					89,844.29
	P-27	225,847.50	13,213.95					239,061.45
	B-250	54,117.40	12,965.48					67,082.88
	B-251	6,856.81	12,965.48					19,822.29
Total	\$ 368,832.58	\$ 150,187.67					\$ 519,020.25	
Palo Alto	109	\$ 329,875.61	\$ 147,469.18	\$ 54,066.28				\$ 531,338.07
	P-210	15,945.11						15,945.11
	P-286	1,350.60	14,988.50					16,339.10
	P-410		10,112.46					10,112.46
	General	1,100.00	19,000.05					20,100.05
Total	\$ 348,366.32	\$ 225,000.96	\$ 54,066.28				\$ 627,493.56	

SCHEDULE NO. 73—Continued

County	Project Number	Primary Road Fund	Anticipation Certificate Fund	Special Assessment Certificate Fund	Primary Road Bond Fund	County Funds	City Funds	Total	
Plymouth	38	\$ 128,322.74	\$ 194.92					\$ 128,517.66	
	181	49,105.19	23,227.29					72,332.48	
	192	97,974.93	36,835.59					134,810.52	
	P-39	67,025.91	4,454.58					71,480.49	
	P-74	46,225.13	1,294.40					47,519.53	
	P-320	12,738.28	106.00					12,844.28	
	P-353	8,413.85	18,878.77					27,292.62	
	P-441	61.80						61.80	
	B-35	49,200.28						49,200.28	
	B-81	43,473.12	213.73					43,686.85	
	B-105	9,535.08						9,535.08	
	FAB-192	95,071.51	39,455.07					134,526.58	
	B-212	34,075.50						34,075.50	
B-262	12,109.82	18,922.62					31,032.44		
Total		\$ 692,506.64	\$ 115,176.88					\$ 807,683.52	
Pocahontas	P-7	\$ 43,343.16						\$ 43,343.16	
	P-30	93,175.37	2,733.29					95,908.66	
	P-90	61,569.30	32,163.72					93,733.02	
	P-91	62,304.89	13,212.75					75,517.64	
	P-289	25,877.08	13,838.32					39,715.40	
	S-30	28,493.18						28,493.18	
	B-218	3,574.40	8,967.59					12,541.99	
	B-254	1,413.87	1,433.13					2,847.00	
Total		\$ 323,831.25	\$ 72,338.80					\$ 396,170.05	
Polk	80	\$ 9,419.97		\$ 43,578.08	\$ 317,341.78			\$ 370,339.83	
	104	128,820.90		39,363.04	304,896.28			572,750.22	
	132	2,701.14		31,238.41	366,439.26			419,478.61	
	180			31,896.34	323,847.06			355,743.40	
	187			38,535.94	326,549.01			365,084.95	
	199	*2,900.88		13,365.98	99,417.94			115,684.80	
	396	120.00		41,837.19	398,861.85			440,819.04	
	215	1,213.00		15,492.63	226,017.87			242,722.50	
	216	31.50		23,564.28	259,340.39			282,936.17	
	220	510.00		6,000.00	45,630.78			52,140.78	
	P-1	1,806.91		8,533.18	55,176.66			65,516.75	
	P-3	10,771.44						10,771.44	
	P-49	8,421.58		26,344.84	194,536.53			230,302.95	
	P-59	10,313.10						10,313.10	
	P-72	15,422.44						15,422.44	
	P-115				96,215.92				96,215.92
	P-122	14,532.25			23,659.34				38,191.59
	P-244	400.00			23.50				423.50
	P-258	831.52			4,512.98	34,129.38	392.87		39,866.75
	P-290				29,809.00				29,809.00
	P-349	10,000.00			4,349.34				14,349.34
	P-372	4,389.28			3,241.52				7,630.80
	P-419					53,169.45			53,169.45
	C-21					30,165.84		47,005.79	77,171.63
	C-33					32,991.74		91,854.37	124,846.11
	B-292	3,207.10							3,207.10
	B-303	6,263.82							6,263.82
	B-304	23,099.54							23,099.54
	B-331	6,888.63							6,888.63
	B-332	666.80							666.80
	Total		\$ 255,844.04	\$ 344,783.20	\$ 2,835,337.44	\$ 333.87	\$ 138,890.33		\$ 3,574,818.07
	Pottawattamie	46	\$ 54,060.37						\$ 54,060.37
P-21		1,286.33	96,420.25					97,706.58	
P-22		49,870.79	114,145.39					164,016.18	
P-92		62.45	77,007.02					77,069.47	
P-378		846.57	7,036.18				\$ 9,094.89	17,577.64	
P-400			911.11					911.11	
B-95		75,865.27	49,427.99					125,293.26	
B-96		82,467.44	44,075.36					126,542.80	
B-97	41,761.73	9,802.63					51,564.36		
Total		\$ 306,201.44	\$ 300,274.84			\$ 9,094.89		\$ 605,571.17	

*Minus quantity.

SCHEDULE NO. 73—Continued

County	Project Number	Primary Road Fund	Anticipation Certificate Fund	Special Assessment Certificate Fund	Primary Road Bond Fund	County Funds	City Funds	Total	
Poweshiek	174	\$ 97,498.24						\$ 97,498.24	
	P-41	139,024.17	\$ 6,276.64					145,300.81	
	P-247	30,549.27						30,549.27	
	P-385	81,755.30						81,755.30	
	P-416	29,645.55	4,398.45					34,044.00	
	B-15	47,746.93	358.70					48,105.63	
	B-134	26,026.11						26,026.11	
B-155	6,304.05	20,000.00					26,304.05		
Total		\$ 478,548.65	\$ 31,228.79					\$ 509,777.44	
Ringgold	6	\$ 122,312.20	\$ 1,380.00					\$ 123,692.20	
	123	96,726.34	23,859.91					120,586.25	
	141	3,784.61	34,039.36					37,823.97	
	142	9,924.33	49,338.41					59,262.74	
	B-47	13,657.33						13,657.33	
	B-79	58,852.86						58,852.86	
	B-122	18,708.84	12,912.52					31,621.36	
	B-124	6,189.19	10,128.06					16,317.25	
	B-202	642.94	6,677.46					7,320.40	
	Total		\$ 329,548.64	\$ 138,339.72					\$ 467,888.36
Sac	P-10	\$ 36,626.59						\$ 36,626.59	
	P-11	57,117.91						57,117.91	
	P-12	70,705.65						70,705.65	
	P-86	5,888.79						5,888.79	
	P-100	44,734.66	22,897.51					67,632.17	
	P-210	15,480.55	7,328.70					22,809.25	
P-304	24,541.19	9,988.79					34,529.98		
Total		\$ 255,105.34	\$ 40,135.00					\$ 295,240.34	
Scott	54	\$ 10,797.14		\$ 19,679.81	\$ 158,214.43			\$ 188,691.38	
	55	26,858.61		76,978.74	671,291.97			775,128.42	
	114	97,179.45		132,875.13	1,040,264.25			1,270,318.83	
	185	11,688.01		11,119.77	106,812.23			129,620.01	
	185	33,126.73		19,137.33	126,834.36			179,098.42	
	217			10,926.50	160,427.24			171,353.74	
	221				132,889.59			132,889.59	
	243	75.69		88.89				164.58	
	P-50	19,392.56		40,529.52	294,214.17			354,136.25	
	P-124	57,170.52			3,800.91			61,001.43	
	P-204	828.28			6,880.26			7,711.64	
	P-200	66,894.78						66,894.78	
	P-405	15.06						15.06	
	B-28	23,491.54			4,000.00			27,491.54	
	B-275	16,236.43						16,236.43	
	B-292	54,993.46						54,993.46	
	Total		\$ 378,025.38	\$ 310,843.20	\$ 2,725,506.91				\$ 3,414,375.49
	Shelby	207	\$ 71,675.25	\$ 19,066.32					\$ 90,741.57
		P-42	228,243.59	61,329.66					289,573.25
		C-5	8,576.43				\$ 36,705.73		45,282.16
B-16		55,061.06	4,907.95					60,000.01	
B-209		75,006.40	14,547.90					89,554.30	
Total		\$ 439,232.70	\$ 99,782.85			\$ 36,705.73		\$ 575,721.28	
Sioux	28	\$ 111,545.95						\$ 111,545.95	
	84	129,382.72		\$ 14,819.79				144,194.51	
	P-26	104,918.75	432.06					105,350.81	
	P-67	11,766.65						11,766.65	
	P-82	67,585.04	2,419.89					70,004.93	
	P-108	30,844.57	3,325.91					34,170.48	
	P-223	27,357.36	45,362.97					72,720.33	
	P-299	10,181.58	416.58					10,598.16	
	P-314	3,831.38	15,797.79					19,629.17	
	P-336	9,482.79	30,516.30					39,999.09	
	P-337	8,571.27	18,271.22					26,842.49	
	P-342		5,845.96					5,845.96	
	P-391	10,313.67	17,237.36					27,551.03	
	B-22	20,015.63	.27					20,015.90	
B-181	3,470.58	1,662.80					5,133.38		
Total		\$ 579,079.54	\$ 149,299.03	\$ -27,206.74				\$ 701,171.83	

SCHEDULE NO. 73—Continued

County	Project Number	Primary Road Fund	Anticipation Certificate Fund	Special Assessment Certificate Fund	Primary Road Bond Fund	County Funds	City Funds	Total	
Story	72	\$ 103,000.35	\$ 25,146.18					\$ 128,146.53	
	P-132	10,443.31	46,608.00					57,051.31	
	P-133	12,087.51	17,704.51					30,792.02	
	P-231	2,092.96	62,857.72					64,950.68	
	P-232	7,249.38	6,329.40					13,578.78	
	P-233	746.00	3,841.00					4,587.00	
	P-234	717.80						717.80	
	P-430		11,627.05			\$ 19,410.35		31,037.40	
	C-9		12,565.28			14,833.77		27,399.05	
	B-1	17,124.29				17,124.29		34,248.58	
	B-11	11,699.72	12,287.73			23,987.45		35,687.17	
	B-12	11,699.72	12,287.73			23,987.45		35,687.17	
	B-13	12,649.36	21,029.43			33,678.79		46,328.19	
	B-235		221,564.08			33,693.12		255,257.20	
Total		\$ 176,861.02	\$ 221,564.08			\$ 33,693.12		\$ 432,018.22	
Tama	47	\$ 201,265.00	\$ 37,649.28					\$ 238,914.28	
	P-376	22,280.17	13,327.00					35,607.17	
	P-399	31,873.61	74,574.23					106,447.84	
	P-428	4,993.14	119.57					5,112.71	
	P-431	8,731.04	4,483.33					13,214.37	
	B-1	29,219.29						29,219.29	
	B-2	61,009.02	35,337.33					96,346.35	
	B-214								
	Total		\$ 487,789.03	\$ 186,111.70					\$ 673,900.73

*Minus quantity.

Taylor	51	\$ 111,692.06	\$ 5,695.16					\$ 117,387.22	
	149	121,610.97	645.04					122,256.01	
	190	41,187.00	36,655.80					77,842.80	
	B-17	15,084.55						15,084.55	
	B-121	4,272.10	4,538.28					8,810.38	
	P-215	89,970.88	29,719.54					119,690.42	
	B-213								
	B-255		1,430.00					1,430.00	
	Total		\$ 493,076.30	\$ 75,043.75					\$ 568,120.05
	Union	52	\$ 201,260.51						\$ 201,260.51
P-476		20,004.08						20,004.08	
P-472		6,058.07						6,058.07	
B-42		74,606.07						74,606.07	
B-305		24,859.63						24,859.63	
B-256		14,280.08						14,280.08	
Total			\$ 331,004.34					\$ 331,004.34	
Van Buren		60	\$ 161,728.83						\$ 161,728.83
		165	163,452.50						325,181.33
		P-282	10,431.70						10,431.70
	P-322	13,964.78						13,964.78	
	B-75	12,410.80						12,410.80	
	B-132	55,724.52						55,724.52	
	Total		\$ 397,813.64					\$ 397,813.64	
	Wapello	42	\$ 115,733.24						\$ 115,733.24
		139	31,703.60	\$ 96,618.71					128,351.91
		C-2	16,229.71						16,229.71
C-23		23,126.70						23,126.70	
B-115		21,084.25	25,469.76					46,554.01	
Total		\$ 219,967.47	\$ 117,087.47					\$ 337,054.94	

SCHEDULE NO. 73—Continued

County	Project Number	Primary Road Fund	Anticipation Certificate Fund	Special Assessment Certificate Fund	Primary Road Bond Fund	County Funds	City Funds	Total	
Warren	11	\$ 107,639.88						\$ 107,639.88	
	P-44	138,451.55	\$ 11,298.37					149,749.92	
	P-176	17,300.60	20,829.19					38,129.79	
	P-222	8,808.44						8,808.44	
	P-294	6,381.67						6,381.67	
	P-291	3,555.41						3,555.41	
	P-321	22,780.72	26,588.61					49,369.33	
	B-21	5,314.66						5,314.66	
	B-40	21,632.25						21,632.25	
	B-93	1,110.30						1,110.30	
	B-99	38,811.18						38,811.18	
	B-110	2,702.03						2,702.03	
	B-129	12,548.35						12,548.35	
	B-128	10,488.34	5,968.35					16,456.69	
	B-242	30,635.88	10,022.70					40,658.58	
Total		\$ 428,191.16	\$ 74,707.45					\$ 502,898.64	
Washington	71	\$ 85,079.32	\$ 1,762.99					\$ 86,842.31	
	167	87,161.00	46,365.47					133,526.47	
	182	20,084.30	29,686.37					49,770.67	
	P-253	35,241.29	28,675.19					63,916.48	
	P-306	6,330.85	12,192.07					18,522.92	
	B-89	26,466.64	48,969.54					75,436.18	
	B-86	10,358.51	49,935.17					60,293.68	
	B-153	16,068.34						16,068.34	
	Total		\$ 286,839.25	\$ 217,556.80					\$ 504,396.05
	Wayne	91	\$ 148,311.03	\$ 28,371.73					\$ 176,682.76
150		85,518.74	1,436.50					86,955.24	
P-327		83.87						83.87	
C-32		4,000.00					\$ 7,681.91	11,681.91	
B-13		15,475.86						15,475.86	
B-164		41,066.94	150.00					41,216.94	
B-165		32,084.10	100.00					32,184.10	
Total			\$ 326,540.53	\$ 30,058.23				\$ 7,581.91	\$ 364,180.67

Webster	12	\$ 162,065.53						\$ 162,065.53	
	P-25	73,540.30	\$ 15,640.05					89,180.35	
	P-64	13,749.46	39,909.77					53,659.23	
	P-108	1,944.34	15,000.00					16,944.34	
	P-111	3,094.27	15,000.00					18,094.27	
	P-183		27,697.45					27,697.45	
	P-183	34.00	45,058.86					45,092.86	
	P-184	341.25	30,445.45					30,786.70	
	P-343	3,901.50	8,968.37					12,869.87	
	P-389		13,028.91					13,028.91	
	B-207		23,056.81				\$ 17,846.42	\$ 9,000.00	49,903.23
	Total		\$ 258,970.65	\$ 235,824.67			\$ 17,846.42	\$ 9,000.00	\$ 521,641.74
	Winneshiek	30	\$ 70,373.01	\$ 65.80					\$ 70,438.81
P-2		107,506.89	751.19					108,258.08	
P-120		15,474.10	93,877.16					109,351.26	
Total		\$ 193,354.00	\$ 94,694.15					\$ 288,048.15	
Winneshiek	98	\$ 202,129.06	\$ 81,309.05					\$ 283,438.11	
	P-121	92,772.08	39,833.51					132,605.59	
	P-171	35,208.14	7,833.52					43,041.66	
	C-15		11,673.00				\$ 18,784.84	30,459.84	
	B-55	58,698.41						58,698.41	
	B-73	15,066.13	26.30					15,092.43	
	B-146	29,367.19	14,336.86					43,704.05	
B-162	27,903.85	3,265.96					31,169.81		
Total		\$ 456,074.96	\$ 157,910.50			\$ 18,784.84		\$ 632,770.29	
Woodbury	2	\$ 224,081.59	\$ 171,440.82		\$ 1,278,327.33	\$ 54,511.13		\$ 1,728,360.87	
	78	21,486.04	17,908.33		128,835.21			168,249.58	
	136	2,000.00	29,135.52		226,542.79			257,678.31	
	162	17,135.83	7,833.52		68,175.65			93,144.90	
	188	23,335.10	29,646.08		221,821.33			274,802.51	
	245	126.45						126.45	
	P-45	236,404.57	88,623.46		506,869.58			830,897.61	
	P-187	140.79	3,676.29		23,930.48			27,747.56	
	P-357	12,000.33			85.59			12,085.92	
	C-12	5,249.61			15,040.59		\$ 26,739.59	37,019.79	
	FAB-2	43,896.34						43,896.34	
	B-240	47,683.49						47,683.49	
	FAB-245	16.50						16.50	
Total		\$ 634,057.14	\$ 337,430.41		\$ 2,400,633.46	\$ 54,511.13	\$ 26,739.59	\$ 3,523,357.73	

SCHEDULE NO. 73—Continued

County	Project Number	Primary Road Fund	Anticipation Certificate Fund	Special Assessment Certificate Fund	Primary Road Bond Fund	County Funds	City Funds	Total
Worth	134	\$ 88,278.75						\$ 88,278.75
	P- 32	247.80	\$ 32,670.02					32,917.82
	P-151	30,574.00						30,574.00
	P-216	100,002.05	79,019.22					182,021.27
	B- 98	28,876.76	6,775.32					35,652.08
Total		\$ 251,279.36	\$ 118,464.56					\$ 369,743.92
Wright	29	\$ 174,412.90	\$ 2,739.79					\$ 177,152.78
	P- 19	59,527.23	27,567.88					87,095.11
	P-199	10,114.30	43,829.51					53,943.81
	P-200	6,534.72	75,710.61					82,245.33
	P-341	1,283.86	9,392.76					10,676.62
	P-357	7,987.06	3,384.54					11,371.60
	B- 28	29,269.65						29,269.65
	B- 90		4,663.39					4,663.39
	B-188		6,630.35					6,630.35
	B-296	1,980.00						1,980.00
	Total		\$ 288,183.81	\$ 174,013.83				
Grand totals		\$ 34,733,873.14	\$ 10,114,502.50	\$ 2,612,322.00	\$ 16,328,888.15	\$ 318,177.97	\$ 1,144,871.20	\$66,332,345.56

SCHEDULE NO. 74

CLASSIFICATION OF EXPENDITURES FOR ROAD AND BRIDGE CONSTRUCTION ON PRIMARY ROAD SYSTEM DECEMBER 1, 1917 TO NOVEMBER 30, 1923

Project Number and County	Grading	Graveling	Paving	Drainage	Guard Rail	Machinery Equip. and Repairs	Right of Way	Bridges	Engineering	Total
Adair	173	\$ 86,725.29		\$ 6,742.57	\$ 10,424.42		\$ 9,009.25		\$ 10,974.84	\$ 123,866.37
	P- 28	125,031.72		6,824.46	6,475.47				10,507.51	148,839.16
	P-162	24,962.22		210.91	3,902.92				2,329.57	31,066.72
	B- 20							\$ 19,077.99	185.13	19,263.12
	B- 21							26,494.95	1,003.77	27,498.72
	B- 64							2,906.86		2,906.86
	B-165							7,762.80	16.31	7,779.11
	B-221							29,167.27	24.52	29,191.79
	B-226							10,120.94		10,120.94
	B-248							51,153.11	2,137.19	53,290.30
	B-319							2,065.50	28.82	2,094.32
Total		\$ 236,419.33		\$ 13,577.94	\$ 20,802.61		\$ 9,009.25	\$ 158,800.48	\$ 27,108.60	\$ 465,907.47
Adams	26	\$ 185,151.52							\$ 8,427.39	\$ 170,300.88
	152	80,477.78		\$ 5,768.71	11,214.22				5,569.09	105,962.30
	P- 109	10.77								10.77
	B-142							\$ 33,065.33	682.68	34,348.01
	B-199							5,110.66	442.33	5,552.98
	FAB-227								158.76	158.76
Total		\$ 288,640.07		\$ 5,768.71	\$ 17,836.19			\$ 38,775.38	\$ 16,041.17	\$ 316,966.52

SCHEDULE NO. 74—Continued

Project Number and County	Grading	Graveling	Paving	Drainage	Guard Rail	Machinery Expended and Repairs	Right of Way	Bridges	Engineering	Total
Allamakee.....	\$ 134,909.45			\$ 895.58			\$ 4,878.00		\$ 8,074.87	\$ 139,108.90
P-29	147,807.31			2,897.56			7,811.75		10,614.98	168,533.60
P-113	41,709.60			3,637.50					2,273.68	48,613.18
P-127	38,465.26			1,956.65					2,000.19	42,660.10
P-129	12,473.59			108.00					7.52	3,054.43
P-130	1,551.56									19,475.30
P-385	4,559.25								253.12	82,882.51
C-10			\$ 71,099.07	\$ 3,738.47				\$ 7,459.00		7,459.90
B-68								8,059.53		8,059.53
P-40								50,084.48		50,084.48
P-148								22,329.70		22,329.70
B-154								32,829.73		32,829.73
B-161								61,843.69		61,843.69
B-175								2,141.55		2,141.55
B-215								1,944.58		1,944.58
B-227								1,256.58		1,256.58
B-232								2,355.00		2,355.00
Total.....	\$ 880,285.14		\$ 71,020.07	\$ 12,329.82			\$ 13,480.45	\$ 187,045.46	\$ 21,054.02	\$ 1,095,130.56
Appanoose.....	\$ 66,848.88			\$ 3,172.48			\$ 6,000.00		\$ 336.46	\$ 76,337.82
P-70	91,437.73			3,370.48			3,255.70		6,241.23	111,088.65
P-229	60,145.83			570.00			11,291.92		7,088.22	81,864.78
C-29			\$ 40,025.30	587.59					1,475.00	41,502.89
B-283								\$ 40,811.10		60,289.56
Total.....	\$ 218,069.40		\$ 40,025.30	\$ 4,329.41	\$ 14,475.46		\$ 20,547.71	\$ 122,469.44	\$ 19,802.47	\$ 440,710.30
Adair.....	\$ 163,315.75			\$ 4,210.16	\$ 9,022.98		\$ 13,263.85		\$ 9,898.33	\$ 200,709.07
B-40	940.20			330.05			1,296.85		148.33	1,418.33
B-40								\$ 68,816.11		69,234.40
B-241								20,244.40		20,244.40
B-257								20,706.00		20,706.00
B-277								51,073.20		51,073.20
Total.....	\$ 194,261.95			\$ 4,530.71	\$ 9,022.98		\$ 14,200.70	\$ 105,947.71	\$ 16,296.13	\$ 405,281.78

Benton.....	\$ 123,955.87			\$ 8,692.84	\$ 3,801.17		\$ 206.00		\$ 12,312.13	\$ 247,790.23
C-6	30,720.51			260.16					1,545.42	32,474.00
B-289	53.10			100.00					2,741.53	48,000.94
B-322			\$ 44,117.01					7,071.23	123.00	7,194.23
Total.....	\$ 144,726.48		\$ 438,145.82	\$ 9,105.40	\$ 3,804.17		\$ 206.00	\$ 19,459.36	\$ 22,617.35	\$ 628,103.58
Black Hawk.....	\$ 13,841.69			\$ 2,351.24			\$ 300.00		\$ 4,882.37	\$ 19,375.41
B-2	132,096.13			20,992.75			\$ 400.50		18,625.98	174,515.56
B-30	300			13,829.17					204,116.82	204,116.82
B-30	23,774.30			5,735.82			\$ 300.00		7,079.47	345,042.99
B-302	15,900.31			1,945.65			\$ 1,654.00		5,421.22	219,796.59
P-51	694.06			14,488.47					810.90	19,299.37
P-123	40,398.87			8,363.95			671.00		2,619.13	73,556.91
P-164	60,398.87			131.25			9,455.00		2,690.84	73,928.98
P-235	13,811.77			12,882.65					43.87	14,336.91
P-300			\$ 1,430.64							1,430.64
P-302	62,115.20			139.00			4,571.02		3,798.69	70,555.10
P-331	25,360.35			2,513.29			609.00		1,883.38	30,467.35
B-70	50,581.63			8,269.26			110.00		4,656.28	64,537.19
B-125								\$ 11,772.90	9.25	11,782.15
B-126								21,635.38	16.75	21,652.13
B-126								59,843.02	1,291.14	59,104.60
B-126								859.00		859.00
B-300								9,887.00		9,887.00
B-307								9,082.94		9,082.94
Total.....	\$ 463,079.27		\$ 1,397,258.41	\$ 82,070.22	\$ 22,013.59		\$ 17,254.92	\$ 100,040.64	\$ 63,799.23	\$ 2,184,706.57
Boone.....	\$ 46,890.03			\$ 21,802.29			\$ 228.10		\$ 11,499.74	\$ 80,512.12
P-39	10,507.44			23,766.40					5,917.92	41,790.60
P-41	49,060.58			9,714.50					9,714.29	9,714.29
P-134	16,280.03			7,275.37					4,065.57	55,497.49
B-287									415.70	2,025.70
Total.....	\$ 131,969.83		\$ 48,574.98	\$ 63,574.98			\$ 228.10	\$ 3,510.00	\$ 28,714.93	\$ 415,017.21

SCHEDULE NO. 74—Continued

Project Number and County	Grading	Graveling	Paving	Drainage	Guard Rail	Machinery Equip. and Repairs	Right of Way	Bridges	Engineering	Total
Bremers	88	\$ 37,465.17		\$ 11,923.55	\$ 2,224.10				\$ 4,147.33	\$ 75,760.17
P-191	66,835.76			8,336.19					6,392.82	61,568.77
P-228	2,502.50	\$ 23,304.05							121.84	27,928.40
P-277	16,270.50			15,744.80			\$ 2,250.00		1,809.77	33,285.76
P-334	20,360.91	825.00		4,628.22			4,218.40		1,905.77	32,138.90
P-377	30.00			198.00			15.00			244.20
P-421		2,001.90							177.59	2,209.49
P-422		6,218.20							198.12	6,586.32
B- 58								\$ 11,553.53	23.00	11,576.53
B- 80								42,972.63	11.00	42,983.63
B-208								15,884.31	184.16	16,068.47
B-236								1,546.05	23.54	1,569.59
Total	\$ 163,785.33	\$ 31,439.76		\$ 37,869.76	\$ 2,224.10		\$ 6,681.00	\$ 71,856.20	\$ 14,976.96	\$ 331,156.91
Buchanan	5	\$ 51,705.42	\$ 345,359.57	\$ 8,886.64	\$ 9,970.34				\$ 11,807.00	\$ 430,819.87
P- 64	23,522.76			9,901.88	3,370.00				2,710.24	39,967.48
P-236	2,422.72	\$ 353.54		584.62	249.72		\$ 232.00			3,560.00
P-239	40.00			7,609.23						7,649.23
P-300	7,846.77		50,834.88	681.97					1,456.87	60,820.49
B- 91								\$ 20,865.54	15.75	20,881.29
B-136								1,208.50		1,208.50
B-140								901.91		901.91
B-223									.00	.00
Total	\$ 86,577.67	\$ 353.54	\$ 399,194.45	\$ 27,094.34	\$ 13,790.66		\$ 232.00	\$ 23,165.95	\$ 16,573.43	\$ 666,582.04
Buena Vista	37	\$ 1,000.00	\$ 99,218.32	\$ 7,279.13	\$ 27,276.14				\$ 1,776.25	\$ 109,873.71
P- 18	12,428.70	65,842.22		30,975.50	13,252.04				5,438.28	108,985.34
P- 49	10,354.03	4,004.40		2,351.51			\$ 1,903.37		2,312.24	31,588.08
P- 93	942.37	13,780.34		6,099.87					399.29	21,731.87
S- 1	11,533.05			1,927.00						13,460.05
S- 10	14,638.64	20,229.52		4,876.32				27.00		39,771.48
S- 11	16,631.63	11,945.16		6,420.71				58.00	60.30	33,103.80
S- 27	13,750.76									13,750.76
S- 28	7,091.27									7,091.27
S- 29	5,522.94									5,522.94
Total	\$ 89,090.34	\$ 234,551.02		\$ 67,731.21			\$ 1,739.37		\$ 9,886.36	\$ 386,900.30
Butler	85	\$ 65,440.95	\$ 28,504.40	\$ 23,701.53	\$ 109.77				\$ 6,021.97	\$ 153,779.93
P- 71	58,240.97	28,506.72		12,908.26	2,490.62				4,330.32	101,977.49
P-123	1,377.14			232.70						1,609.84
P-167	62,187.14	17,189.19		30,975.50	6,822.98		\$ 328.00		7,642.91	124,069.62
P-209	12,523.96			2,351.51					1,972.15	15,946.72
P-207	29,172.84	11,016.12		17,097.33			\$ 676.20		5,075.83	63,068.32
P-271	1,022.88	974.83		1,218.23					344.99	3,561.63
P-417		246.88								246.88
B- 72								\$ 10,150.50	92.00	10,242.50
B-172								315.49		315.49
B-192								14,607.05	543.22	15,150.27
B-202								11,800.00	213.99	12,013.99
B-233								14,693.49	449.78	15,143.27
Total	\$ 221,925.71	\$ 116,519.94		\$ 88,509.06	\$ 8,933.37		\$ 1,004.20	\$ 51,965.53	\$ 25,786.29	\$ 517,364.07
Calhoun	10	\$ 892.70	\$ 193,329.94	\$ 3,562.34					\$ 3,482.53	\$ 110,427.51
P- 5		13,296.34		4,300.97					602.01	20,299.32
P- 16	28,090.40	22,121.37		5,009.46					1,496.83	57,308.15
P- 95	8,880.05	24,844.94		14,824.52					1,645.52	50,291.93
P- 96	1,868.05	20,800.00		9,953.93					1,400.48	34,147.07
P-107	4,045.43	3,373.75		3,715.90					487.54	15,592.51
P-360	1,631.47	999.42		475.02			\$ 432.80			3,538.71
S- 8	32,083.68			2,998.88						35,082.56
S- 33	9,358.51									9,358.51
S- 34	26,020.55									26,020.55
S- 35		11,095.78								11,095.78
S- 36		14,756.16								14,756.16
S- 37		4,090.93								4,090.93
C- 27	2,000.00		\$ 65,457.30	1,609.00					3,166.37	72,892.75
B-287								\$ 692.00		692.00
Total	\$ 115,927.54	\$ 223,389.23	\$ 65,457.30	\$ 46,655.19			\$ 432.80	\$ 692.00	\$ 11,340.08	\$ 463,914.44
Carroll	99	\$ 85,238.12		\$ 1,508.44					\$ 3,233.04	\$ 90,969.60
P- 14	69,417.28	\$ 22,507.09		7,079.60			\$ 555.50		11,909.89	111,469.45
P-141	72,621.10			1,799.64					3,568.01	77,988.75
P-225	25,666.34	22.99		5,966.29					5,999.29	37,654.92
P-332	85,660.34	2,058.48		842.90					2,696.79	91,212.51
P-398	415.87	3,167.29								3,583.16
C- 19			\$ 37,845.53						1,529.16	39,365.69
B- 14								\$ 26,987.76		26,987.76
B- 52								2,831.37		2,831.37
B-113								24,806.62	696.80	31,106.51
B-182								49,079.39	523.66	49,603.05
Total	\$ 232,292.71	\$ 27,754.86	\$ 37,845.53	\$ 16,786.96			\$ 532.50	\$ 103,299.54	\$ 24,148.44	\$ 462,843.64

SCHEDULE NO. 74—Continued

Project Number and County	Grading	Graveling	Paving	Drainage	Guard Rail	Machinery Equip. and Repairs	Right of Way	Bridges	Engineering	Total
Cass..... 44	\$ 77,501.80			\$ 1,337.89			\$ 9,781.47		\$ 6,600.35	\$ 94,944.51
155	331,488.29			7,534.94	\$ 4,797.13		699.78		2,248.12	109,767.96
P-150	34,662.68				2,375.87				1,802.64	38,901.19
B- 61								28,111.63	806.46	28,918.09
B-160								58,080.91	1,014.94	59,095.85
B-278								10,516.71		10,516.71
B-283								71,173.44	626.76	71,800.20
Total.....	\$ 503,352.77			\$ 8,892.53	\$ 7,173.00		\$ 10,484.25	\$ 303,782.69	\$ 10,139.27	\$ 509,944.51
Cedar..... 57	\$ 71,989.73			\$ 7,517.24	\$ 3,139.63		\$ 25,012.79		\$ 8,969.47	\$ 115,419.88
213							2,472.00		178.67	2,650.67
P-114	148,939.42			22,735.31	7,438.88		10,377.59		13,894.44	203,596.32
P-316	26,001.75			204.30	1,250.58		2,371.60		1,122.41	31,760.64
P-437							314.00			314.00
B-204							\$ 29,800.02		324.78	21,124.80
B-205							22,900.02		325.00	23,225.11
B-238							24,873.47		361.33	25,234.80
B-239							34,310.17		1,126.83	35,437.02
B-280							16,539.49		992.13	17,531.62
B-281							15,739.31		446.34	16,185.65
Total.....	\$ 246,621.90			\$ 30,476.36	\$ 11,829.09		\$ 41,147.68	\$ 135,331.43	\$ 26,842.51	\$ 492,249.51
Cerro Gordo.. 1	\$ 7,476.08		\$ 83,806.64	\$ 6.00					\$ 415.00	\$ 91,701.62
61	26,422.54		242,481.38	4,110.19					4,481.92	277,456.03
115	97,757.87		873,069.06	19,323.65	\$ 2,576.88				16,054.86	1,008,965.32
P-275	40,462.33	\$ 25,089.00		7,253.84					1,762.15	75,407.31
O- 22	778.40		15,326.48							16,114.88
Total.....	\$ 172,888.11	\$ 25,089.00	\$ 1,214,673.56	\$ 30,803.68	\$ 2,576.88				\$ 22,673.03	\$ 1,409,645.16
Cherokee..... 116	\$ 52,563.50			\$ 1,045.35	\$ 2,509.31		\$ 205.00		\$ 2,961.47	\$ 59,286.88
P- 96	5,112.16	\$ 36,514.73		2,841.00	1,081.57		139.00		814.58	47,865.94
P-151	96,517.37	372.31		3,371.33	3,098.30		4,369.64		5,569.55	113,219.50
P-214	29,225.85	19,648.96		37.60	4,446.30		9,936.87		3,135.64	66,648.22
P-249	379.19	13,529.78							38.98	14,158.95
P-262	21,311.80						282.50		1,055.88	22,650.18
P-285	2,867.43	49,289.43							761.54	52,918.42
P-415		12,519.71							145.19	12,664.81
B- 7									\$ 23,074.17	23,074.17
B- 70									13,381.34	14,162.41
B-182									66,162.14	66,815.55
B-194									15,400.61	15,908.45
B-261									39,714.59	34,305.44
Total.....	\$ 208,211.62	\$ 132,171.92		\$ 5,516.18	\$ 11,133.38		\$ 14,964.01	\$ 150,692.85	\$ 17,859.93	\$ 543,672.89
Chickasaw..... 35	\$ 37,728.94	\$ 39,241.07		\$ 9,512.97	\$ 62.10		\$ 7,416.40		\$ 3,607.31	\$ 97,608.79
76	89,709.45	32,896.18		30,338.53	1,660.41				5,977.31	151,601.88
169	37,004.54			7,013.62			\$ 353.91		2,541.59	46,913.57
177	22,938.50	20,538.39		17,801.82					4,246.59	65,616.10
P-131	20,679.34	2,562.62		5,331.20					734.50	26,688.46
PA13-109									\$ 9,001.08	154.43
B-169									12,322.60	12,238.70
B-200									27,066.00	27,469.54
B-224									49.03	49.03
Total.....	\$ 227,732.17	\$ 96,228.26		\$ 57,808.14	\$ 1,722.51		\$ 7,416.40	\$ 383.91	\$ 48,400.28	\$ 17,709.71
Clarke..... 33	\$ 81,906.87			\$ 1,286.35	\$ 2,792.20		\$ 4,710.00		\$ 5,665.55	\$ 96,650.97
241									485.40	485.40
P- 31	82,387.63			4,934.69	5,170.59		29,054.68		5,610.50	97,137.89
P-313	47,872.09			1,663.56	4,539.36		4,054.00		6,195.95	64,319.96
B- 83									848.48	17,728.32
B-184									16,879.84	25,704.17
Total.....	\$ 182,226.59			\$ 7,983.60	\$ 13,480.15		\$ 37,818.68		\$ 41,027.05	\$ 302,379.71
Clay..... P- 32	\$ 7,494.49			\$ 1,162.00			\$ 10,882.90		\$ 747.76	\$ 20,287.15
P- 55	86,942.29	\$ 11,854.31		2,654.43	\$ 3,660.01		7,809.73		5,783.69	118,865.48
P-256	23,205.51	1,516.92		9,649.93	1,343.52		415.00		2,774.65	38,896.53
P-259	47,344.81	4,313.67		11,001.97	4,875.36		8,388.40		5,641.67	81,597.88
P-430		1,994.82							63.55	2,048.37
B- 36									\$ 44,866.96	46,868.08
B-191									700.91	18,082.35
B-193									82,022.13	86,197.16
B-288									1,482.94	1,515.84
Total.....	\$ 164,987.20	\$ 19,779.72		\$ 24,469.93	\$ 9,878.89		\$ 27,547.05	\$ 145,063.47	\$ 20,915.08	\$ 412,211.94

SCHEDULE NO. 74—Continued

Project Number and County	Grading	Graveling	Paving	Drainage	Guard Rail	Machinery Equip. and Repairs	Right of Way	Bridges	Engineering	Total
Clayton.....	\$ 241,701.76	\$ 90,380.32		\$ 11,758.54	\$ 6,547.73		\$ 6,000.00		\$ 15,622.42	\$ 296,006.88
P-156	287,744.27			216.81			9,115.00		10,173.17	307,634.55
P-166	27,089.92								182.50	28,272.44
P-144	2,225.11							9	9	2,234.11
P-220	8,490.00							400.48	8,890.48	12,609.74
P-282	1,056.26			3,121.30	276.62		150.00		403.48	4,957.26
B-62		1,662.99							86.46	1,749.45
B-68									12,400.22	12,400.22
B-85									50,163.29	50,163.29
B-100									3,169.10	3,169.10
B-105									41,791.01	41,791.01
B-107									5,202.00	5,202.00
Total.....	\$ 471,807.96	\$ 96,731.83		\$ 13,054.65	\$ 7,124.35		\$ 11,895.00	\$ 130,465.80	\$ 29,109.55	\$ 737,249.74
Clifton.....	\$ 174,880.77	\$ 708,280.70		\$ 36,249.40	\$ 4,659.88				\$ 20,311.06	\$ 924,872.61
187	20,748.25	12,612.67		832.50	7,013.77				14,880.44	475,796.62
189	10,446.66	130,173.21		2,965.51					4,343.72	151,879.82
204	96,789.60	82,077.22		4,75					11,658.13	400,889.15
P-205	2,330.19	422,446.28		4.75					11,231.34	37,849.27
P-206	45,882.25	34,298.94		15,072.35					6,029.68	65,040.28
P-271	20,401.83	6,376.73		173.60					1,822.82	27,885.97
P-272	9,011.00			1,945.38					3,127.89	21,376.40
P-332	65,575.21			1,845.38					5,131.29	77,888.10
C-434	3,915.00								5,708.56	9,623.56
B-210	1,909.58	31,461.67		1,432.40					1,749.65	4,704.00
B-217									91.33	39,062.65
Total.....	\$ 298,207.73	\$ 1,816,831.56		\$ 38,286.37	\$ 11,906.72		\$ 6,822.95	\$ 48,465.33	\$ 74,219.41	\$ 3,291,854.10

Crawford.....	\$ 90,536.35	\$ 61,276.85		\$ 2,972.65	\$ 20,682.87		\$ 37,995.85	\$ 69,183.14	\$ 17,948.44	\$ 408,311.84
P-181	5,918.94	1,006.10		674.00	5,693.82				1,284.90	15,711.24
P-288	42,303.62	36,699.23		1,988.86	782.80				4,761.44	141,006.98
P-292	97,312.90	22,312.51		314.29	5,331.45				1,312.97	26,000.67
B-65	1,438.27	769.11			6,487.37				211.25	24,973.41
B-71					2,000.00				4,015.52	62,481.71
FAB-252					30,072.61				3,600.00	97,088.20
B-255					4,663.24				2,183.70	31,414.94
B-259					31,481.50				11,437.65	143,757.65
Total.....	\$ 238,256.54	\$ 61,276.85		\$ 2,972.65	\$ 20,682.87		\$ 37,995.85	\$ 69,183.14	\$ 17,948.44	\$ 408,311.84
Dallas.....	\$ 66,254.35	\$ 29,237.87		\$ 7,169.19	\$ 782.80		\$ 90.00	\$ 14,787.65	\$ 16,021.78	\$ 478,009.44
P-32	80,749.12	29,237.87		26,665.65	394.80				4,656.72	166,010.84
P-33	1,100.00				2,939.15				8,032.07	121,462.78
P-100	273.31	34,872.30			3,408.00				2,344.31	22,431.53
P-104	24,791.16	24,791.16							789.68	22,443.62
P-106	25,064.90	22,203.68							25,272.03	28,844.51
P-108	44,213.24	15,064.01							9,662.98	68,777.68
P-209	33,241.68	14,385.71							2,662.56	43,292.56
B-339									28,310.39	145,801.49
Total.....	\$ 231,468.05	\$ 134,425.72		\$ 6,826.64	\$ 1,007.60		\$ 90.00	\$ 14,787.65	\$ 3,227.94	\$ 433,264.28
Davis.....	\$ 65,623.70	\$ 4,654.61		\$ 676.61	\$ 4,654.61		\$ 7,923.38		\$ 2,279.40	\$ 145,801.49
118	81,773.84	3,939.15		2,030.50	3,408.00		21,714.41		8,032.07	121,462.78
209	11,469.84	210.00			3,408.00		7,590.75		4,671.17	23,743.22
B-116									187.60	7,286.24
B-131									17,275.28	17,275.28
P-205	5,762.40	133.62			16.13				440.39	15,999.20
B-24									15,782.82	19,164.31
B-33									15.31	1,934.12
B-44										
B-284										
Total.....	\$ 202,443.81	\$ 2,237.75		\$ 33,771.24	\$ 21,246.61		\$ 46,375.82	\$ 21,246.61	\$ 21,246.61	\$ 433,264.28

SCHEDULE NO. 74—Continued

Project Number and County	Grading	Graveling	Paving	Drainage	Guard Rail	Machinery Equip. and Repairs	Right of Way	Bridges	Engineering	Total
Delaware..... 4	\$ 58,199.68	\$ 224.91	\$ 982.00	\$ 5,816.61	\$ 4,767.56				\$ 21.60	\$ 70,011.76
103	66,176.23	27,801.81		6,744.21	10,665.21				5,065.68	116,532.84
P-159	3,849.59	24,538.11							1,004.47	29,732.14
P-238	133,776.56	22,314.70		15,733.53	8,137.60		\$ 2,655.92		10,173.03	183,968.73
P-238	4,725.18	1,388.64		312.00			425.00		6,850.82	
C- 8	2,875.25		66,296.90	4,058.29					3,269.37	73,898.72
C- 26	2,488.30		34,020.92	1,037.50					2,445.66	39,990.68
B-136								\$ 68,973.48	629.57	69,604.05
Total.....	\$ 361,489.15	\$ 76,558.17	\$ 121,299.82	\$ 33,701.73	\$ 23,561.97		\$ 4,380.92	\$ 68,973.48	\$ 22,099.38	\$ 612,665.74
Des Moines..... 23	\$ 26,492.58		\$ 392,656.74	\$ 17,138.00					\$ 8,922.59	\$ 355,264.91
P- 53	17,878.02		92,737.83	2,601.37					5,318.17	118,225.39
P-273	4,215.35		40,897.54	2,022.05					2,008.04	49,172.98
C- 13	6,610.19		71,833.46							78,443.65
C- 18	7,715.20		94,777.23						18.00	72,510.43
Total.....	\$ 62,611.34		\$ 472,912.80	\$ 21,836.42					\$ 16,276.80	\$ 573,637.36
Dickinson..... 68	\$ 17,560.26		\$ 204,186.06	\$ 1,438.38					\$ 6,024.13	\$ 229,208.83
P- 23	7,236.32		5,295.19	1,505.00			\$ 5,667.33		1,652.10	19,821.14
P- 55	3,438.29		1,505.00							4,943.29
P-368	6,901.82	\$ 4,492.87	323.25				2,400.05		782.90	14,560.89
S- 50		382.00								382.00
B-276								\$ 1,427.00	118.48	1,545.08
Total.....	\$ 36,826.99	\$ 4,885.77	\$ 204,186.06	\$ 8,531.82			\$ 8,157.88	\$ 1,427.00	\$ 8,577.61	\$ 272,060.23
Dubuque..... 17	\$ 164,419.41			10,584.39	8,276.47				\$ 11,402.17	\$ 208,198.61
148	160,868.40			26,054.53	6,322.50		3,345.00		11,844.21	184,915.47
P-147				14,333.71					1,720.13	16,053.84
B-137								\$ 42,442.55	77.62	42,520.17
B-178								43,667.31	114.34	43,781.65
Total.....	\$ 315,287.81			\$ 50,972.63	\$ 14,598.97		\$ 3,345.00	\$ 85,950.80	\$ 25,158.47	\$ 495,313.74
Emmet..... 49	\$ 2,922.50	\$ 4,282.51		\$ 7,896.04	\$ 161.20				\$ 100.87	\$ 14,422.12
P- 57	3,919.84	2,889.25		75,324.18					3,063.53	80,887.80
P-361	2,849.02			306.00				\$ 318.00		3,763.11
P-361	11,708.27	3,446.71		65.15	1,081.79		3,229.92		47.35	19,579.10
S- 2	14,382.52	12,534.50		2,329.27	137.69				9.69	29,963.78
S- 3	14,208.41	10,768.32		1,699.38						26,136.11
S- 4	7,255.86	7,435.92		1,864.71						16,616.49
S- 5	11,449.21	4,809.92		1,478.38						17,808.21
S- 6	2,766.29	1,832.33		516.17						5,114.79
S- 7	11,787.15	7,297.45		2,639.08					46.60	21,806.73
S-23	7,901.23			638.49						8,539.72
S- 24				19.44						19.44
S- 25	13,482.86			1,984.48						15,467.34
B-217								\$ 23,027.04	713.35	23,740.39
B-274								5,201.60	179.75	5,381.35
Total.....	\$ 108,494.86	\$ 55,828.60		\$ 97,230.87	\$ 1,454.73		\$ 3,847.03	\$ 23,229.24	\$ 4,162.96	\$ 294,219.29
Fayette..... 59	\$ 163,805.44	\$ 70,096.23		\$ 51,884.27	\$ 6,598.23				\$ 13,760.31	\$ 306,604.22
164	71,148.35	238.20		8,571.77			\$ 550.00		3,393.87	83,352.29
172	92,938.78			9,839.74					5,000.10	107,798.68
P-143	7,681.80	26,122.54		583.53					322.10	44,987.09
P-144	17,632.62								1,817.00	19,707.22
P-145	5,529.46			815.40					862.15	7,498.01
P-241	2,902.56									3,373.09
P-373	1,386.96	27,728.18							326.28	29,346.42
P-384		10,933.86							238.23	11,214.14
B-189										34,212.00
Total.....	\$ 368,906.23	\$ 145,134.03		\$ 71,997.71	\$ 6,598.23		\$ 1,973.63	\$ 24,212.00	\$ 25,700.21	\$ 638,232.06
Floyd..... 41	\$ 78,863.19		\$ 552,510.28	\$ 18,024.98	\$ 1,561.06				\$ 13,259.93	\$ 664,259.34
137	23,986.66		65,035.38	1,900.82	333.87				4,164.14	102,300.18
P- 63	35,559.69		211,766.74	9,812.90	937.68				5,882.08	266,744.32
P- 73				5,156.89						5,156.89
P-968	25,974.66	10,209.93		6,735.37	3,776.23		1,393.13		3,797.57	51,866.89
P-269	17,394.69	6,861.50		7,557.55	291.15		300.00		2,068.98	34,473.87
B-176									156.85	2,364.91
Total.....	\$ 181,778.89	\$ 17,071.43	\$ 829,966.95	\$ 49,189.22	\$ 6,222.29		\$ 19,914.91	\$ 2,220.00	\$ 29,309.55	\$ 1,127,485.40

SCHEDULE NO. 74—Continued

Project Number and County	Grading	Graveling	Paving	Drainage	Guard Rail	Machinery Equip. and Repairs	Right of Way	Bridges	Engineering	Total
Franklin..... 105	\$ 44,909.19	\$ 17,769.48		\$ 18,067.44	\$ 1,248.66		\$ 9,000.00		\$ 4,668.70	\$ 95,663.47
171	86,039.37	36,342.10		7,285.57	8,917.06				5,230.08	122,874.48
212	30,321.77	7,560.15		4,670.38			921.83		1,303.21	34,677.36
P- 46	34,532.73	15.00		14,930.31	325.68				2,782.92	52,770.34
P- 88	460.98	707.33		66.56						1,234.87
P-190		22,003.08							789.53	23,002.61
P-201				21,769.70					1,921.92	22,731.62
P-354	4,734.54	1,025.83							483.17	6,843.39
P-414		3,619.92							38.49	3,658.41
S- 16	23,417.48	32,045.54		6,319.25						61,782.27
S- 40	5,998.84								5,998.84	11,997.68
B- 56								\$ 7,514.42	288.65	8,103.07
B-258								24,137.58	549.87	24,707.45
B-321									111.25	111.25
Total.....	\$ 199,415.20	\$ 123,185.58		\$ 78,049.51	\$ 10,694.49		\$ 9,921.85	\$ 31,972.00	\$ 17,207.70	\$ 465,446.24
Fremont..... 77	\$ 184,867.23			\$ 2,701.86	\$ 3,837.78				\$ 9,253.54	\$ 300,682.41
P- 34	17,950.22								317.60	18,267.82
P-136	4,439.13				527.47					5,006.60
B- 1								\$ 116,675.47	2,387.96	119,063.43
B- 6								15,447.69	1,182.54	16,630.14
B-297								5,345.00		5,345.00
Total.....	\$ 207,296.58			\$ 2,701.86	\$ 4,365.25			\$ 137,668.67	\$ 13,143.73	\$ 365,195.49
Greene..... 39	\$ 74,196.82	\$ 25,605.41	\$ 246,330.45	\$ 2,422.00	\$ 2,586.21		\$ 221.50		\$ 10,283.67	\$ 361,867.75
193	76,089.92	28,221.37		26,571.69	1,551.70		2,251.50		7,677.06	142,392.75
303	69,619.58		473,244.67	15,236.70	3,738.88		1,228.90		16,464.32	570,531.14
P- 24	25,440.83			13,258.75					3,980.10	42,674.68
P-153	9,910.91			366.68					1,948.10	11,319.69
P-252		\$ 116.50								116.50
P-279	2,738.63			1,917.53					1,545.94	6,212.10
P-324	19,025.68	238.50		6,486.91			105.00		3,739.92	29,600.91
P-347	2,849.18		63,491.50	68.78	184.80				1,967.39	68,561.65
P-348	3,649.37		39,301.05	1,567.01					2,352.55	46,700.98
P-357		2,798.69		3,944.45					135.39	5,990.44
B-130									61.76	61.76
B-243								\$ 6,061.00	30.90	6,091.90
B-247								5,519.49	400.83	5,980.32
B-304								19,818.36	161.50	19,979.86
B-314								4,458.15	297.73	4,865.90
Total.....	\$ 274,504.52	\$ 69,669.47	\$ 812,326.67	\$ 70,906.10	\$ 8,081.59		\$ 3,897.89	\$ 25,356.91	\$ 50,137.79	\$ 1,313,791.94
Grundy..... 19	\$ 47,961.88			\$ 23,462.22					\$ 5,913.00	\$ 76,421.00
P- 48	64,146.96			16,415.37					4,849.50	85,411.83
P-123	72,471.96			17,289.56			\$ 39.70		2,943.72	92,717.04
P-163	230.00	30,030.25		44.83					513.50	31,798.60
P-242	153.49	61,349.13							857.21	62,550.83
P-297				2,425.35						2,425.35
P-331		420.70								420.70
P-375	350.81	26,035.21							453.45	26,835.67
P-417	10,488.87	23,708.12		106.29					689.00	34,992.28
B- 32								\$ 33,073.78	11.00	33,084.78
B-102								1,359.50		1,359.50
B-172								17,529.28	492.35	17,991.63
Total.....	\$ 195,774.94	\$ 140,457.41		\$ 39,737.83			\$ 20.70	\$ 51,962.56	\$ 15,796.83	\$ 463,749.29
Guthrie..... 51	\$ 142,123.63			\$ 19,476.46	\$ 14,670.91				\$ 5,967.16	\$ 182,238.16
145	101,299.26			4,737.58	12,517.84				9,278.94	127,832.72
179	99,056.61			93.00	5,484.14				4,186.75	108,822.50
B- 12								\$ 59,239.08	200.00	59,439.08
B- 78								96,048.53	224.81	96,273.34
Total.....	\$ 342,479.50			\$ 24,307.04	\$ 32,672.89			\$ 146,307.61	\$ 19,866.66	\$ 565,629.70

SCHEDULE NO. 74—Continued

Project Number and County	Grading	Graveling	Paving	Drainage	Guard Rail	Machinery, Equip. and Repairs	Right of Way	Bridges	Engineering	Total
Hamilton										
P-7	\$ 65,787.02	\$ 182.00		\$ 18,688.72			\$ 6,001.25		\$ 7,020.36	\$ 98,148.15
P-79	73,102.43	42,200.03		10,210.01			5,293.50		14,884.72	131,770.94
P-206		22,316.51		206.24			4,476.15		62.29	33,500.44
P-217	27,104.72	13,999.78		5,858.22	\$ 867.20		5,069.00		5,579.77	57,883.94
P-218	22,280.03	5,146.80		2,611.56					2,883.32	42,274.33
P-344	6,727.31	2,760.53		956.66					762.46	11,257.90
B-9		9,417.44							300.95	9,013.00
B-41									8,812.71	8,812.71
B-103									2,400.91	49,625.99
B-104									2,635.75	2,744.00
B-117									4,001.97	4,061.91
B-131									2,410.09	2,831.41
Total	\$ 201,092.11	\$ 132,572.14	\$ 747,597.51	\$ 31,331.39	\$ 887.20		\$ 29,790.20	\$ 73,044.21	\$ 37,279.23	\$ 517,296.29
Hancock										
P-94	\$ 135,910.06		\$ 727,597.51	\$ 28,085.54	\$ 4,224.40				\$ 13,833.13	\$ 928,377.96
P-105	40,583.28	\$ 22,034.43		3,623.23					1,000.00	45,241.94
P-178	1,563.86		17,782.83	11,433.33	653.45		150.00		3,628.04	25,647.51
P-380		37,567.14		11,068.04					612.72	38,252.30
P-381	41,732.00	13,168.47		2,069.00					406.71	57,378.18
S-11	4,520.00									4,520.00
S-45	5,523.00									5,523.00
Total	\$ 281,944.00	\$ 72,775.04	\$ 745,390.44	\$ 65,676.46	\$ 6,545.65		\$ 210.00		\$ 26,533.07	\$ 1,211,274.96
Hardin										
P-4	\$ 18,949.03	\$ 19,514.43		\$ 14,688.76	\$ 1,968.88				\$ 1,189.41	\$ 52,000.71
P-212	48,173.83	\$ 219,237.20		39,235.46	3,203.44				10,748.32	329,419.80
P-301	16,566.34	11,210.22							181.77	27,776.53
C-1	1,300.00								309.19	1,609.19
C-17	3,897.42			971.06					2,925.84	55,619.66
Total	\$ 88,918.59	\$ 249,962.15	\$ 111,577.55	\$ 72,161.28	\$ 5,907.80		\$ 3,688.40		\$ 15,867.93	\$ 541,494.13

Project Number and County	Grading	Graveling	Paving	Drainage	Guard Rail	Machinery, Equip. and Repairs	Right of Way	Bridges	Engineering	Total
Harrison										
14	\$ 96,179.42	\$ 227.87		\$ 2,261.11	\$ 575.05				\$ 5,044.73	\$ 104,277.90
214	51,698.51			1,001.12					8,319.46	60,104.53
P-225	30,337.22								2,819.71	33,156.93
P-229	40,674.62			1,270.00	4,869.12				1,994.28	47,648.02
C-3	3,065.02								296.20	3,361.22
B-88									104,269.44	104,269.44
FAB-228									3,129.84	3,129.84
B-312									45,401.62	47,126.50
Total	\$ 234,100.31	\$ 227.87	\$ 29,781.87	\$ 5,762.42	\$ 5,854.17		\$ 89,680.97	\$ 138,622.37	\$ 24,310.44	\$ 527,430.62
Henry										
56	\$ 62,602.83			\$ 27,609.29	\$ 1,893.53				\$ 5,866.61	\$ 97,890.69
131	97,817.68			4,673.23	2,623.66				14,808.78	114,135.75
P-416	1,063.90								773.65	1,837.55
B-10				105.80					1,374.01	1,479.81
FAB-311									128.35	128.35
B-212									24,211.34	24,211.34
B-229									21.22	24,232.56
Total	\$ 145,807.48		\$ 29,781.87	\$ 51,776.32	\$ 3,906.49		\$ 36,516.25	\$ 112,666.09	\$ 21,041.38	\$ 342,670.01
Howard										
31	\$ 26,697.54	\$ 61,669.82		\$ 11,620.03	\$ 615.45				\$ 4,412.16	\$ 104,304.80
50	92,527.43	25,753.87		17,609.50	1,216.65				6,251.12	160,259.63
P-102	4,584.74	1,804.64		17,195.94					5,121.19	29,410.50
P-103	50,165.28	15,690.31		21,811.62	3,772.20				7,692.89	108,274.53
P-121	7,010.56								7,900.40	15,910.96
FAB-31									4.86	7,915.82
B-32									9,393.97	9,393.97
B-34									4,265.20	4,265.20
B-390									2,691.63	2,718.69
Total	\$ 188,115.55	\$ 122,630.96		\$ 67,973.49	\$ 5,604.10		\$ 2,287.61	\$ 16,673.35	\$ 23,105.45	\$ 416,490.45
Humboldt										
68	\$ 22,698.42	\$ 1,027.68		\$ 2,690.23	\$ 213.32				\$ 2,865.72	\$ 30,425.37
111	7,406.43	58,270.90		31,405.91	1,169.03				9,719.15	107,281.54
S-49	7,406.46	16,386.52								23,792.98
B-109		9,533.55							156.53	9,690.08
Total	\$ 38,111.77	\$ 85,559.65		\$ 35,546.23	\$ 1,413.25		\$ 2,631.09	\$ 3,678.45	\$ 12,741.79	\$ 200,106.80

SCHEDULE NO. 74—Continued

Project Number and County	Grading	Graveling	Paving	Drainage	Guard Rail	Machinery Equip. and Repairs	Right of Way	Bridges	Engineering	Total
Ia.-----			\$ 2,088.82							
80-----	\$ 59,949.76				\$ 1,547.56		\$ 15,607.40		\$ 5,628.52	\$ 80,833.24
P-100-----	65,744.89			\$ 2,776.22	1,150.40		1,197.00		883.50	139,131.36
P-213-----	24,070.16	\$ 38,501.80					12,070.15		2,137.51	88,975.30
P-204-----		26,482.00							190.00	26,672.00
P-204-----		1,338.25								1,338.25
P-279-----		25,600.33								25,600.33
B-1-----								\$ 25,826.02		25,826.02
B-2-----								382.34		382.34
B-105-----								588.03		588.03
Total-----	\$ 282,873.72	\$ 92,012.88	\$ 5,088.82	\$ 3,776.22	\$ 2,737.96		\$ 29,440.60	\$ 76,835.01	\$ 12,382.40	\$ 494,191.26
Iowa-----	\$ 125,396.37	\$ 18,747.38		\$ 11,690.26	\$ 3,308.84		\$ 23,827.90	\$ 11,995.90	\$ 11,995.90	\$ 194,854.24
544-----	27,237.43				330.45		2,514.00	1,227.46	1,227.46	31,115.64
P-130-----							3,340.89		8.43	3,349.32
P-130-----								74,026.05	2,448.65	76,474.70
P-190-----								4,490.78	4,490.78	8,981.56
B-100-----								3,734.40	3,734.40	7,468.80
B-302-----								7,342.02	342.00	7,684.02
Total-----	\$ 128,546.79	\$ 18,747.38		\$ 11,690.26	\$ 3,644.99		\$ 29,121.13	\$ 129,842.18	\$ 17,171.13	\$ 282,700.58
Jackson-----	\$ 105,905.97	\$ 1,318.37		\$ 790.51	\$ 7,659.01		\$ 10,971.45		\$ 12,882.06	\$ 136,000.33
143-----	167,015.00			2,820.00	4,855.14				8,968.56	184,559.29
B-3-----									1,252.79	91,978.47
B-7-----									1,348.00	20,660.82
B-10-----									91,417.14	60,468.59
B-10-----									726.45	30,888.91
Total-----	\$ 272,246.22	\$ 1,318.37		\$ 2,570.60	\$ 11,884.15		\$ 19,971.45	\$ 223,884.60	\$ 26,961.22	\$ 553,185.77

FINANCIAL STATEMENT

Jasper-----	\$ 182,535.37	\$ 31,362.12		\$ 5,690.21	\$ 2,878.37		\$ 12,289.40		\$ 11,658.20	\$ 199,208.75
P-60-----	14,522.31	134,515.85		5,691.11	2,871.38		693.00		19,727.24	139,684.40
B-180-----									26.30	10,053.70
B-29-----									896.85	135,412.70
B-34-----									6.65	29,562.57
B-54-----									71,928.00	70,466.85
B-108-----									2,831.17	2,831.17
Total-----	\$ 229,359.39	\$ 167,888.27		\$ 12,770.25	\$ 11,604.96		\$ 12,889.40	\$ 187,820.55	\$ 26,026.26	\$ 649,382.50
Jefferson-----	\$ 51,625.00	\$ 3,272.48		\$ 7,631.00	\$ 2,353.41		\$ 1,900.00		\$ 3,984.52	\$ 100,272.41
P-220-----	101,296.56			3,723.91	2,792.48		3,250.11		3,105.55	127,506.51
B-45-----				19,632.04	5,592.65				14,914.74	112,786.01
B-107-----									10,635.00	10,640.85
Total-----	\$ 217,153.82	\$ 3,272.48		\$ 29,990.25	\$ 12,680.45		\$ 4,259.11	\$ 23,915.50	\$ 21,143.84	\$ 303,173.77
Johnson-----	\$ 65,278.02			\$ 69.45					\$ 1,677.11	\$ 122,358.90
P-35-----	66,397.39			1,912.15	4,232.41				5,729.00	129,400.25
P-37-----				1,946.76	1,237.64				4,810.00	71,456.76
P-205-----				1,994.56	2,544.27				6,879.75	129,686.21
P-253-----				6,922.57					335.23	7,257.80
P-310-----	18,281.70			1,315.42					767.00	26,122.02
P-311-----	15,449.50			621.25					1,497.97	20,066.51
C-4-----	1,722.00								2,391.96	48,382.77
C-11-----	1,129.46			1,273.59					1,172.15	30,046.57
B-216-----									33.82	1,756.45
Total-----	\$ 216,720.37			\$ 9,765.58	\$ 4,094.06		\$ 19,267.06	\$ 1,761.63	\$ 25,256.49	\$ 631,901.12
Jones-----	\$ 115,520.27			\$ 9,128.22	\$ 5,471.79				\$ 11,699.26	\$ 201,151.90
123-----	109,348.90			14,103.90	9,823.23				10,616.52	145,744.55
P-281-----	450.00								97.78	6,587.26
P-270-----									197.80	12,001.77
B-180-----									792.55	21,013.05
B-180-----									1,236.23	44,296.25
B-200-----									56,823.97	58,053.17
Total-----	\$ 282,319.88	\$ 21,164.47		\$ 25,222.22	\$ 15,206.02		\$ 19,861.43	\$ 109,437.11	\$ 29,236.23	\$ 499,696.57

SCHEDULE NO. 74—Continued

Project Number and County	Grading	Graveling	Paving	Drainage	Guard Rail	Machinery Equip. and Repairs	Right of Way	Bridges	Engineering	Total
Kookuk.....	\$ 96,736.95		\$ 1,260.66	\$ 7,824.29			\$ 22,889.14		\$ 5,237.88	\$ 113,130.98
P-101	146,703.11		5,187.49	8,390.63					5,439.99	214,509.96
P-102	29,267.42		2,827.22	1,530.50					2,772.42	35,401.31
P-147	17,667.46		4,669.24						2,122.53	24,457.99
B-148									251.40	21,457.99
B-149									499.19	21,457.99
B-222									3.17	4,672.97
Total.....	\$ 362,103.33		\$ 18,885.63	\$ 15,661.91			\$ 18,683.34	\$ 74,966.37	\$ 22,270.54	\$ 433,830.90
Kossuth.....	\$ 127,610.63	\$ 72,929.39		\$ 45,666.22	\$ 774.40		\$ 11,686.30		\$ 10,794.13	\$ 279,637.08
P-111	17,229.43	27,573.29		25,005.29	436.10				2,391.17	63,821.08
P-149	15,786.30		\$ 265,787.02	38.25	436.10				5,000.37	279,637.08
P-270	8,728.29	10,322.22		25,428.22	2,428.22		2,161.60		1,681.27	129,663.38
P-280	788.49	6,080.04		106.31					1,708.59	17,623.45
S-11	29,170.78				298.23				31.28	41,897.25
S-12	19,343.55									46,405.03
S-13	14,091.23									19,343.53
S-14	14,091.23									19,343.53
S-15	14,091.23									19,343.53
S-16	14,091.23									19,343.53
S-17	14,091.23									19,343.53
S-18	14,091.23									19,343.53
S-19	14,091.23									19,343.53
S-21	29,213.39									29,213.39
S-22	4,956.00									4,956.00
S-23	4,956.00									4,956.00
S-24	4,956.00									4,956.00
S-25	4,956.00									4,956.00
B-108										2,094.72
B-256										2,094.72
Total.....	\$ 827,885.01	\$ 189,063.10	\$ 412,721.40	\$ 97,872.00	\$ 3,007.06		\$ 13,850.10	\$ 14,986.19	\$ 25,285.62	\$ 1,075,159.37
Lee.....	\$ 41,009.01	\$ 161,827.24		\$ 23,290.44	\$ 4,271.23				\$ 12,201.24	\$ 343,109.96
P-149	16,718.26	5,139.26		15,696.68	5,982.45				13,227.23	123,465.18
P-223	8,172.70			327.72					2,195.63	12,134.61
B-2										11,001.23
B-109										29,876.15
B-291										17,867.20
Total.....	\$ 142,000.07	\$ 166,827.20		\$ 20,025.08	\$ 9,453.68		\$ 2,200.00	\$ 28,404.58	\$ 20,478.91	\$ 459,639.91

Lincoln.....	\$ 75,303.50		\$ 388,229.66	\$ 29,666.23	\$ 2,726.46		\$ 633.00		\$ 12,732.44	\$ 466,326.79
P-66	89,326.83		227,116.07	9,674.29	1,273.23				13,560.83	266,073.23
P-72	21,114.99								2,222.68	23,337.67
P-73	24,032.99								2,222.68	26,255.67
P-229	43.72									34,996.95
P-230	6,066.78								203.72	426.45
P-231	8,261.94		24.59						1,666.41	8,991.38
P-232	1,780.47									9,667.24
P-245									275.50	4,789.41
P-305	6.00		2,467.75							2,489.41
B-301										2,689.91
B-289										397.86
B-310										9,102.62
B-311										404.91
B-311										18,078.89
Total.....	\$ 229,920.29		\$ 642,854.47	\$ 92,456.23	\$ 4,708.59		\$ 11,426.77	\$ 62,183.07	\$ 34,125.12	\$ 1,017,584.14
Louis.....	\$ 120,226.27									\$ 120,226.27
P-125	35,164.37									7,824.27
P-126	8,324.25									122,178.69
B-4	44,837.47									66,000.13
B-11										2,564.55
B-112										1,822.60
Total.....	\$ 300,282.21									\$ 312,778.64
Lucas.....	\$ 199,168.41									\$ 199,168.41
C-24	1,156.05									1,601.65
B-8										1,601.65
B-10										708.69
B-200										22,701.07
B-300										11,167.40
Total.....	\$ 308,678.71		\$ 9,217.89	\$ 8,177.17	\$ 13,749.24		\$ 7,271.40	\$ 27,470.67	\$ 12,241.21	\$ 328,459.82

SCHEDULE NO. 74—Continued

Project Number and County	Grading	Graveling	Paving	Drainage	Guard Rail	Machinery Equip. and Repairs	Right of Way	Bridges	Engineering	Total
Lyon.....	\$ 105,026.75			\$ 9,744.99	\$ 2,116.97				\$ 4,000.37	\$ 121,540.03
P-85	39,045.59	\$ 562.50		1,791.17	3,435.96		10.00		3,361.23	56,309.43
P-146	30,734.19			2,136.78	2,837.42				2,462.35	38,180.74
P-174	66,588.96	\$8,547.40					2,176.85		695.79	39,341.19
P-209	17,083.29	560.00		3,061.68	4,231.16				1,122.65	17,313.07
P-297	1,297.70								244.20	39,940.71
P-388	3,447.81	27,447.81							482.40	21,538.01
B-66		21,075.61							48.00	14,997.74
B-84									30.05	19,370.89
B-104									77.00	19,370.89
B-179									337.07	39,820.82
B-228									508.13	39,794.65
Total.....	\$ 367,736.75	\$ 88,103.31		\$ 16,744.59	\$ 12,693.51		\$ 2,841.85	\$ 109,472.61	\$ 18,135.76	\$ 600,788.42
Madison.....	\$ 32,185.06			\$ 749.64	\$ 2,700.00		\$ 4,333.00		\$ 4,733.76	\$ 44,732.46
P-96	172,190.41			1,782.61	6,886.24		3,000.00		10,611.54	194,000.20
B-5									16.00	79,911.34
B-189									13,366.76	13,382.76
B-273									137.25	6,900.13
Total.....	\$ 204,375.47			\$ 2,531.65	\$ 9,686.24		\$ 8,687.75	\$ 99,881.40	\$ 15,037.32	\$ 340,239.83
Mahaska.....	\$ 112,385.63	\$ 1,323.20		\$ 54,843.35	\$ 9,745.88		\$ 20,066.20		\$ 18,521.81	\$ 239,378.23
B-77	166,722.05			9,880.33	7,800.38		6,071.43		10,175.82	140,294.09
PAB-70									69.29	140,294.09
B-122									40,031.47	46,373.60
B-139									29,033.91	65,407.51
B-187									60,175.13	29,739.84
B-188									1,379.34	61,554.47
Total.....	\$ 373,246.92	\$ 1,323.20		\$ 34,734.38	\$ 17,546.46		\$ 27,040.63	\$ 170,588.05	\$ 31,794.83	\$ 556,168.47
Marion.....	\$ 72,308.74			\$ 70.22	\$ 1,759.66		\$ 19,136.04		\$ 2,484.84	\$ 71,690.50
P-75	139,305.08			671.14			7,343.80		3,275.20	164,003.27
P-231	26,221.00						713.92		388.79	1,102.71
P-370	47,120.00			5,200.20	2,771.10		31,197.20		6,062.32	92,963.07
B-239	7,110.26			344.34			1,029.48		2,062.45	19,596.45
B-143									5,419.82	5,421.48
B-245									10,298.01	813.87
Total.....	\$ 252,075.32			\$ 10,607.63	\$ 4,538.76		\$ 55,492.10	\$ 47,025.34	\$ 71,431.29	\$ 477,075.09
Marshall.....	\$ 25,671.88			\$ 897.25	\$ 63.50		\$ 1,200.00		\$ 5,092.74	\$ 285,352.78
P-411	46,723.95			1,013.23	521.76		2,499.40		12,674.31	596,296.83
P-240	64,623.51			2,791.54	1,475.76		35.00		1,831.65	47,012.30
P-396									2,192.62	169,313.49
P-409	9,600.29								469.25	22,492.04
S-442	3.71								6.00	11.71
S-45	5,485.28								112.60	13,213.81
S-46	1,184.00								926.76	3,483.38
B-54									46,870.24	39,152.80
B-190									65.02	48,164.88
B-397									6,615.88	6,680.99
Total.....	\$ 159,105.14	\$ 70,677.74		\$ 8,677.59	\$ 2,691.26	\$ 104,736.18	\$ 2,739.40	\$ 88,933.22	\$ 29,314.00	\$ 1,228,116.46
Mills.....	\$ 196,633.48			\$ 125.50	\$ 7,200.68				\$ 7,451.67	\$ 131,417.73
B-11									3,890.00	339,363.34
Total.....	\$ 196,633.48			\$ 125.50	\$ 7,200.68				\$ 5,000.67	\$ 190,673.16
Mitchell.....	\$ 77,444.05	\$ 37,299.28		\$ 6,905.00	\$ 6,905.00		\$ 309.00		\$ 1,990.34	\$ 130,784.84
P-138	65,894.21	39,106.38		2,826.56	228.04		3,897.54		13,726.64	130,784.84
P-161										886.76
Total.....	\$ 145,248.26	\$ 96,404.86		\$ 65,881.52	\$ 5,307.26	\$ 9,133.04	\$ 3,697.54		\$ 29,385.98	\$ 346,748.76
Monona.....	\$ 26,679.26			\$ 3,651.20	\$ 1,669.59		\$ 98,121.63		\$ 4,114.00	\$ 95,666.36
P-28	161,387.06			4,016.57	29,223.04		55,439.15		12,891.97	250,613.81
B-21									169,872.99	3,191.74
B-271									18,241.46	19,941.43
B-317									506.32	29,692.77
Total.....	\$ 224,066.54			\$ 8,297.17	\$ 32,311.84		\$ 83,000.16	\$ 216,171.99	\$ 22,494.69	\$ 569,662.60

IOWA STATE HIGHWAY COMMISSION

SCHEDULE NO. 74—Continued

Project Number and County	Grading	Graveling	Paving	Drainage	Guard Rail	Machinery Equip. and Repairs	Right of Way	Bridges	Engineering	Total
Monroe										
P-20	\$ 82,702.25				\$ 2,106.84		\$ 19,745.50		\$ 7,004.41	\$ 86,419.19
P-21	62,961.87				1,896.33		11,790.44		5,683.63	131,333.17
P-22	19,983.54				2,601.66				1,476.80	39,580.20
C-16	14,589.60		\$ 27,424.66		1,896.16					32,151.22
B-25										14,589.60
B-28										40,788.62
B-201										13,885.47
B-211										1,766.67
B-270										1,766.67
Total	\$ 212,946.80		\$ 27,424.66		\$ 11,688.34		\$ 23,535.94		\$ 11,727.60	\$ 349,155.22
Montgomery										
P-16	\$ 207,422.16				\$ 4,581.35	\$ 94.70			\$ 5,654.07	\$ 219,162.23
B-142	963.60									963.60
B-195										5,255.37
Total	\$ 208,415.76				\$ 4,581.35	\$ 94.70			\$ 5,654.07	\$ 219,162.23
Muscatine										
P-40	\$ 104,201.66				\$ 1,801.85				\$ 8,216.77	\$ 134,220.28
P-285	62,286.20	\$ 15,131.60			2,111.17		\$ 2,992.01		11,216.11	101,963.70
B-40	45,046.70	196.91							2,892.98	52,336.32
B-200		916.60							2,431.64	45,196.45
Total	\$ 211,726.39	\$ 15,976.02			\$ 4,973.02		\$ 2,992.01		\$ 13,537.45	\$ 275,561.63
O'Brien										
P-45	\$ 114,626.59				\$ 15,200.46				\$ 20,246.47	\$ 1,178,985.71
P-287	40,680.55				3,335.11				4,630.05	85,636.21
B-282	20,212.82				2,464.78				5,623.10	62,800.71
P-284		1,688.17							291.07	47,204.57
P-413		15,200.25							341.07	19,506.81
P-462		21,280.11							246.07	15,798.24
B-297									51,385.26	51,385.26
B-298									882.04	882.04
B-296									23,454.64	23,454.64
Total	\$ 194,819.96	\$ 50,299.17	\$ 1,615,732.19	\$ 28,606.35			\$ 630.00	\$ 37,107.19	\$ 30,299.23	\$ 1,990,596.71

FINANCIAL STATEMENT

Ooscota										
P-15	\$ 80,282.12		\$ 12,617.98	\$ 7,010.46					\$ 2,024.20	\$ 104,055.00
P-190	26,005.40		2,441.29	2,109.31					700.29	34,262.31
P-201	1,005.60								2,320.43	3,326.03
P-202		664.15							1,056.05	1,720.20
P-209	34,801.73								905.00	35,706.73
P-265	9,735.23								1,000.00	10,735.23
P-265	27,282.00								430.82	27,712.82
S-17	31,643.73								9,023.20	40,666.93
S-17	10,029.35								10,029.35	20,696.28
S-22	412.29								412.29	412.29
S-43									10,182.75	10,182.75
B-27									3,714.50	3,714.50
B-299									49,200.14	49,200.14
Total	\$ 160,041.43	\$ 104,820.05	\$ 14,869.17	\$ 10,809.17			\$ 19,259.34	\$ 4,227.67	\$ 315,882.43	\$ 1,044,055.00
Palo Alto										
P-187	\$ 91,890.31								\$ 4,825.65	\$ 96,715.96
P-27	78,024.07								5,720.05	83,744.12
B-27	217,719.37								9,083.91	227,803.28
P-290									96,417.06	96,417.06
P-310									19,216.11	19,216.11
B-251									33.69	33.69
Total	\$ 387,634.45		\$ 74.66	\$ 1,679.54	\$ 18,829.15		\$ 23,993.01	\$ 85,457.17	\$ 20,659.90	\$ 537,660.19
Palo Alto										
P-219	\$ 54,402.57	\$ 8,245.28	\$ 12,025.17	\$ 1,679.54	\$ 18,829.15				\$ 13,522.21	\$ 133,528.45
P-240	59,729.85	2,113.65	2,011.95						2,254.61	64,109.06
P-286	1,000.00	11,606.26	2,601.30						450.88	16,568.50
P-286	840.00	8,807.02	251.00						156.44	9,054.50
P-310	329.00	37,063.78	1,000.00						977.57	39,000.00
General										1,100.00
Total	\$ 87,359.82	\$ 47,866.19	\$ 417,726.85	\$ 23,515.45	\$ 18,829.15		\$ 3,775.12	\$ 17,375.41	\$ 629,042.56	\$ 1,600,000.00
Plymouth										
P-28	\$ 118,111.38								\$ 6,729.37	\$ 124,840.75
P-28	102,625.40								1,901.56	104,526.96
P-29	102,625.40								3,262.84	105,888.24
P-29	62,080.87								9,293.84	71,374.71
P-74	42,810.17								3,239.00	46,049.17
P-300									88.55	12,553.28
P-303	10,600.19								1,066.85	11,667.04
P-443		61.80								61.80
B-81										49,200.28
B-81										43,296.85
B-195										9,225.09
F-212										3,074.56
B-262										22,077.39
Total	\$ 396,845.89	\$ 12,826.53	\$ 5,205.00	\$ 29,386.02			\$ 33,031.00	\$ 598,660.35	\$ 31,726.10	\$ 767,983.63

SCHEDULE NO. 74—Continued

Project Number and County	Grading	Graveling	Paving	Drainage	Guard Rail	Machinery Equip. and Repairs	Right of Way	Bridges	Engineering	Total
Pocahontas P-7	\$ 27,720.73			\$ 12,332.46					\$ 2,250.92	\$ 43,348.16
P-20	16,643.69	\$ 50,730.12		24,267.71					3,977.32	95,968.66
P-50	30,124.07	35,671.09		23,064.11					4,883.75	96,732.92
P-91	3,544.73	57,506.27		11,497.30					2,909.19	75,517.64
P-230	3,854.33	13,178.97		20,235.15			\$ 144.25		2,322.70	39,715.40
S-29	28,603.18									28,603.18
B-215								\$ 15,286.76		15,286.76
B-254								2,730.88	116.12	2,847.00
Total	\$ 110,509.74	\$ 100,136.36		\$ 92,676.73			\$ 144.25	\$ 14,926.64	\$ 16,726.13	\$ 305,190.05
Polk 80	\$ 20,100.13		\$ 338,059.01	\$ 1,813.54	\$ 289.12				\$ 9,117.53	\$ 370,339.83
104	35,326.23		321,815.80	5,823.30	264.00				9,448.89	372,759.22
132	41,007.94		355,190.72	2,307.29	2,707.64				17,947.32	419,476.01
180	21,579.88		225,044.92	2,119.22			\$ 25.00		7,808.38	253,533.40
187	20,118.17		202,815.90	2,800.25					9,281.63	295,015.95
199	12,883.88		89,130.21	2,674.15				729.80	4,716.00	100,874.04
206	32,068.79		203,189.40	2,649.92					10,950.83	350,849.94
215	28,894.59		206,038.80	718.44	26.75			1,212.00	5,171.92	242,722.30
216	31,926.00		243,274.97	148.52	153.00				8,492.45	282,936.41
227	6,832.27		44,217.32	346.53				249.00	812.10	52,747.78
P-1	30,062.00		33,281.63	997.79					1,100.42	66,648.23
P-3	10,771.44									10,771.44
P-40	44,329.94		175,870.41	825.37	2,708.09				5,909.94	229,302.95
P-59	6,276.27			3,841.53					196.00	10,213.10
P-72	60,827.27			5,902.97	3,006.84				2,066.49	71,683.26
P-115	19,277.54			3,745.20					635.00	23,657.74
P-122		\$ 14,302.73							232.00	14,534.73
P-244	25,578.90			7,811.66					1,489.70	34,879.25
P-258	5,445.75		26,342.43	1,633.75					1,301.57	34,743.50
P-290	1,376.30	1,963.90		1,377.24						4,717.44
P-340	2,706.82			332.90						3,039.72
P-372	1,643.10	1,266.68		1,489.60			10,000.00			13,419.38
P-418	11,326.06		40,830.44	714.08						52,870.58
O-21			74,951.00							74,951.00
O-23			140,970.06							140,970.06
B-222										
B-303								\$ 2,302.10		2,302.10
B-308								3,909.20	444.02	4,353.22
B-304								22,303.81	795.73	23,099.54
B-311								6,888.63		6,888.63
B-332								666.80		666.80
Total	\$ 470,397.36	\$ 17,162.23	\$ 2,871,987.42	\$ 50,639.15	\$ 9,155.44		\$ 12,908.20	\$ 28,070.54	\$ 104,906.63	\$ 3,574,818.07

Pottawattamie 46	\$ 49,021.80				\$ 2,807.74				\$ 1,900.74	\$ 54,039.57
P-21	74,810.72			\$ 2,206.30	10,721.12				9,816.93	97,556.07
P-22	137,084.77			2,008.70	10,623.16		\$ 3,323.07		9,702.48	164,016.18
P-92	63,908.17			1,164.70	5,335.92				4,076.68	77,493.57
P-373	786.50		\$ 14,802.23	1,072.54					916.37	17,577.64
P-400										
B-95									911.11	911.11
B-96								\$ 113,709.57	2,923.69	116,293.17
B-98								122,387.70	4,345.10	130,582.90
B-97								50,911.64	631.72	51,543.36
Total	\$ 323,807.06		\$ 14,802.23	\$ 7,345.24	\$ 22,806.94		\$ 3,323.07	\$ 286,968.91	\$ 34,483.73	\$ 705,371.17
Poweshiek 174	\$ 77,347.05			\$ 11,306.81	\$ 2,684.16				\$ 6,100.22	\$ 97,498.24
P-41	118,186.18			10,998.07	1,881.63				14,800.44	145,306.31
P-247	34,407.89				1,781.00			\$ 2,947.89		39,141.27
P-385		\$ 80,641.12							1,114.18	81,755.30
P-416		33,207.77							1,061.23	34,269.00
B-15									45,877.25	48,909.63
B-124									24,649.59	26,926.11
B-153									25,325.62	26,304.06
Total	\$ 229,940.03	\$ 118,848.89		\$ 22,364.88	\$ 3,369.82		\$ 2,047.90	\$ 96,652.48	\$ 39,171.54	\$ 509,772.44
Ringgold 6	\$ 109,444.45			\$ 3,807.15	\$ 1,480.00				\$ 2,900.00	\$ 123,622.20
123	100,656.03			328.12	3,957.76				7,664.82	113,266.23
141	25,616.51			756.69	2,687.92				3,894.68	33,823.97
142	46,406.37			1,124.92	4,603.65				4,321.34	59,257.94
B-47									\$ 11,876.00	181.33
B-79									97,556.71	1,206.13
B-123									39,549.21	1,121.99
B-134									15,795.23	519.02
B-263									6,883.48	486.92
Total	\$ 282,123.86			\$ 2,208.74	\$ 24,237.94		\$ 14,518.00	\$ 122,613.63	\$ 21,877.00	\$ 467,379.36
Sac 10	\$ 46.80	\$ 30,560.63		\$ 4,403.25	\$ 919.52				\$ 1,025.91	\$ 36,636.29
P-11	866.40	47,207.07		6,063.05					2,962.38	57,117.91
P-12	2,897.54	52,251.90		12,269.27					3,236.94	70,705.65
P-86		3,897.23		1,709.00					288.96	5,888.79
P-102	1,516.83	57,416.15		6,517.78					2,991.43	67,542.17
P-210	9,270.83	9,771.73		1,292.73					2,323.33	22,909.23
P-304	1,230.16	29,906.01		2,555.96					1,138.73	34,529.29
Total	\$ 15,787.58	\$ 230,710.72		\$ 24,512.73	\$ 220.36				\$ 15,697.90	\$ 293,230.34

SCHEDULE NO. 74—Continued

Project Number and County	Grading	Graveling	Paving	Drainage	Guard Rail	Machinery Equip. and Repairs	Right of Way	Bridges	Engineering	Total
Scott..... 54	\$ 26,496.33		\$ 151,336.21	\$ 6,155.25					\$ 4,675.59	\$ 183,651.38
55	137,131.59		935,378.63	1,571.37	402.40		400.00		27,222.42	775,128.42
114	136,567.69		1,041,312.94	17,364.12	4,777.11		5,900.00		24,427.27	1,231,039.13
135	37,187.62		83,921.11	2,736.29			409.50		4,833.39	128,690.91
185	23,634.19		149,826.62	35.43	615.39				4,986.99	179,095.62
217	9,704.23		157,202.00				816.00		3,231.91	170,954.14
221	17,414.62		130,145.89						5,329.18	152,889.59
243									161.38	161.38
P-50	37,259.74		300,022.71	4,179.87	481.30		4,000.00		8,248.03	354,132.55
P-124	41,132.37			8,382.74			6,226.40		5,290.92	61,031.43
P-204				6,818.63					289.01	7,117.64
P-399	47,044.88						14,494.85		5,385.05	66,924.78
P-405									15.06	15.06
B-13								\$ 25,095.92	1,982.62	27,078.54
B-275								15,779.65	436.80	16,216.45
B-283								31,497.34	3,436.22	34,933.56
Total	\$ 513,973.16		\$ 2,627,765.02	\$ 47,289.80	\$ 6,226.10		\$ 31,915.75	\$ 92,735.81	\$ 99,481.05	\$ 3,414,375.69
Shelby..... 207	\$ 66,099.00			\$ 1,521.35	\$ 3,910.16		\$ 11,654.17		\$ 7,496.89	\$ 20,001.57
P-42	265,384.51			1,430.79	10,416.83				12,232.05	239,664.18
C-5	1,999.15		\$ 31,692.96						1,800.05	35,282.16
B-16									\$ 58,673.37	\$ 58,673.37
B-239									458.25	458.25
Total	\$ 333,382.66		\$ 31,692.96	\$ 2,952.14	\$ 14,326.99		\$ 11,654.17	\$ 148,309.45	\$ 22,342.88	\$ 565,721.23

Sioux..... 28	\$ 86,322.65			\$ 2,132.56	\$ 4,386.15		\$ 11,119.01		\$ 7,436.98	\$ 111,345.95
84	15,308.55		\$ 122,828.19	673.19					5,484.68	144,194.51
P-26	12,605.05		101,967.05	1,643.80					2,112.86	117,748.76
P-37	10,321.67				914.85				339.13	11,706.65
P-83	32,814.66			6,139.18	30.19				6,137.32	79,084.95
P-188	5,670.41	\$ 46,915.35					4,807.74		585.12	53,170.88
P-223	67,845.39	2,978.01		288.22	5,880.04				4,442.39	82,720.33
P-259		10,499.44					1,186.28		99.62	10,598.06
P-314	12,888.97	4,167.97			999.37		1,621.86		541.23	19,629.37
P-330		38,724.35							1,274.74	39,999.09
P-337		26,470.10							372.39	26,842.49
P-342	1,984.45	3,780.59							80.94	5,845.98
P-391		27,044.33							384.15	27,428.48
B-32									239.08	239.08
B-181									243.56	243.56
Total	\$ 265,211.80	\$ 160,579.14	\$ 224,765.24	\$ 10,296.95	\$ 12,165.51		\$ 18,937.44	\$ 24,656.64	\$ 29,974.59	\$ 746,587.81
Story..... 72	\$ 42,111.33	\$ 42,500.68		\$ 32,135.22			\$ 4,437.50		\$ 3,864.50	\$ 125,054.53
P-63		11,694.91		37,615.57					1,736.77	59,343.24
P-133	669.50								323.10	12,067.51
P-231	15,735.94	2,228.40							1,492.53	29,297.47
P-232	4.40	54,948.71		849.00					655.23	55,698.34
P-282	2,378.22	2,850.65		1,219.72					497.51	6,986.00
P-322							60.50		6,558.94	6,619.44
P-430									44.00	44.00
C-9			\$ 31,246.49							31,246.49
C-25			26,899.15							26,899.15
B-31									\$ 16,976.79	17,124.29
B-133									39,483.52	39,483.52
B-135									665.94	665.94
B-235									95.46	95.46
Total	\$ 60,969.39	\$ 112,627.65	\$ 58,145.55	\$ 91,812.11	\$ 6,300.36		\$ 4,478.00	\$ 86,471.63	\$ 10,644.23	\$ 432,378.82
Tama..... 47	\$ 151,971.86	\$ 112,724.50		\$ 15,517.62	\$ 5,236.34				\$ 12,467.77	\$ 328,837.58
176	38,106.79			3,947.57					2,752.87	45,997.23
P-276	111,319.62			3,018.27	5,797.60				6,712.93	126,817.87
P-309	4,348.25								799.86	5,115.11
P-428		12,856.45							377.92	13,234.37
B-25									\$ 37,849.28	38,227.19
B-54									210.63	210.63
B-214									96,481.54	96,692.18
Total	\$ 225,746.92	\$ 125,581.04		\$ 23,582.86	\$ 11,033.39			\$ 134,532.45	\$ 24,415.47	\$ 618,861.73

SCHEDULE NO. 74—Continued

Project Number and County	Grading	Graveling	Paving	Drainage	Guard Rail	Machinery Equip. and Repairs	Right of Way	Bridges	Engineering	Total
Taylor..... 51	\$ 96,456.51			1,839.40	6,807.04		\$ 5,700.00		\$ 5,775.71	\$ 116,028.66
149	104,400.09			1,258.25	10,066.32				6,451.25	122,255.91
196	38,282.32			860.00	103.50		4,787.00		3,800.53	67,872.95
B-17								\$ 15,382.90	201.65	15,584.55
FAB-196								75,745.33	873.79	76,619.12
B-121								47,516.81	903.57	48,420.38
B-213								88,797.13	1,120.75	89,917.88
B-285								1,430.00		1,430.00
Total.....	\$ 299,238.92			\$ 4,096.65	\$ 16,996.86		\$ 10,487.00	\$ 229,172.77	\$ 19,217.25	\$ 589,120.05
Union..... 83	\$ 167,190.70			\$ 3,350.56	\$ 14,390.37		\$ 4,217.47		\$ 11,911.41	\$ 201,200.51
P-376	25,080.32						4,277.90		2,646.46	30,004.68
P-402		\$ 5,475.13							583.84	6,058.97
B-42								\$ 73,675.71	900.36	74,606.07
B-265								24,839.63		24,839.63
B-295								14,280.08		14,280.08
Total.....	\$ 190,271.02	\$ 5,475.13		\$ 3,350.56	\$ 14,390.37		\$ 8,495.37	\$ 112,795.42	\$ 16,072.07	\$ 351,049.94
Van Buren..... 60	\$ 60,708.51			\$ 23,301.63	\$ 1,389.22		\$ 11,540.00		\$ 4,789.47	\$ 101,728.53
165	115,339.04			1,735.60	9,810.56		24,078.17		12,469.13	163,482.56
223	45.00						10,044.55		23.20	10,115.75
P-282		\$ 38,039.39							2,384.91	40,424.30
B-37								\$ 13,964.78		13,964.78
B-75								12,410.80		12,410.80
B-132								54,179.90	1,544.92	55,724.82
Total.....	\$ 176,095.55	\$ 38,039.39		\$ 25,037.23	\$ 11,199.78		\$ 45,662.72	\$ 80,555.48	\$ 21,241.63	\$ 397,861.84
Wapello..... 42	\$ 102,548.53			\$ 3,870.04	\$ 7,007.44		\$ 555.55		\$ 6,117.27	\$ 115,733.24
159	108,780.87				6,415.04				8,790.81	139,188.31
C-2			\$ 75,152.00							75,152.00
C-23			74,988.44						2,291.58	77,280.02
B-115								\$ 53,518.42	1,026.16	54,544.58
Total.....	\$ 211,329.40		\$ 150,140.44	\$ 3,870.04	\$ 13,422.48		\$ 555.55	\$ 53,518.42	\$ 18,195.82	\$ 451,002.15
Warren..... 11	\$ 72,671.07			\$ 3,891.19	\$ 6,136.10		\$ 16,765.94		\$ 8,175.68	\$ 107,639.88
P-44	110,468.50	\$ 3,070.80		3,744.53	6,204.19		17,188.10		9,673.71	149,749.92
P-176	23,116.90			2,886.31	284.07		9,957.25		1,045.26	38,189.79
P-222	7,379.52			561.60					927.32	8,306.84
P-284		6,112.05							209.52	6,381.57
P-291		3,321.28							234.13	3,555.41
P-321	40,721.70			509.87	2,136.98		3,755.15		2,245.63	49,309.33
R-21							\$ 5,314.66			5,314.66
B-40							20,900.45		661.80	21,622.25
B-93							1,110.30			1,110.30
B-99							37,710.93	1,100.25		38,811.18
B-110							2,662.00	40.03		2,702.03
B-120							11,372.50	675.85		12,048.35
B-128							15,940.10	138.79		16,078.89
B-242							39,958.12	1,500.52		40,558.64
Total.....	\$ 254,337.78	\$ 12,504.13		\$ 11,603.50	\$ 14,761.34		\$ 47,636.34	\$ 134,629.06	\$ 27,406.49	\$ 502,808.64
Washington..... 71	\$ 63,040.55			\$ 7,240.98	\$ 3,900.06		\$ 5,400.35		\$ 7,269.37	\$ 86,842.31
167	106,648.75			9,354.18			9,514.15		8,039.39	133,556.47
182	46,232.16			1,117.83			4,218.30		4,201.38	49,770.67
P-253	52,294.40	\$ 18,542.92					6,241.61		4,380.47	63,916.48
P-306										18,542.92
B-29								\$ 26,451.29	14.25	26,465.54
B-86								\$ 58,503.02	765.03	59,268.05
B-153								63,446.71	386.80	63,833.51
Total.....	\$ 263,216.86	\$ 18,542.92		\$ 17,712.99	\$ 3,900.06		\$ 25,374.41	\$ 150,401.12	\$ 25,247.09	\$ 504,396.06
Wayne..... 91	\$ 153,790.11			\$ 4,677.22	\$ 8,561.29				\$ 9,754.14	\$ 176,882.76
130	69,331.85			2,810.94	8,025.35				6,687.07	86,955.24
P-327									83.87	83.87
C-32	166.88		\$ 10,447.06	426.45					551.52	11,381.91
B-13								\$ 15,475.85		15,475.85
B-164								39,299.18	1,917.76	41,216.94
B-165								31,306.54	877.56	32,184.10
Total.....	\$ 223,478.84		\$ 10,447.06	\$ 7,814.61	\$ 16,586.67			\$ 86,081.57	\$ 19,771.92	\$ 394,180.67

SCHEDULE NO. 74—Continued

Project Number and County	Grading	Graveling	Paving	Drainage	Guard Rail	Machinery Equip. and Repairs	Right of Way	Bridges	Engineering	Total
Webster..... 13	\$ 55,402.24	\$ 81,633.41		\$ 23,105.10	\$ 472.44				\$ 1,452.34	\$ 169,065.53
P- 25	57,458.81			28,497.71					3,522.83	89,489.35
P- 64	28,061.53	97.00		20,308.77					5,251.33	53,719.23
P-108	845.10	9,274.56		6,053.55					769.13	16,944.34
P-111	247.59	20,233.00							607.77	21,094.27
P-182	372.85	24,938.34		1,574.64					761.62	27,647.45
P-183	15.50	44,251.34		211.84					614.18	45,062.86
P-184	5,629.52	14,571.41		7,945.58					2,637.19	30,786.70
P-345	5,956.92	5,062.28		1,795.67					55.00	12,869.87
P-389	10,285.10						\$ 82.00		1,661.81	12,028.91
B-207								\$ 48,105.82	1,797.41	49,903.23
Total	\$ 164,275.07	\$ 200,067.94		\$ 89,497.86	\$ 472.44		\$ 82.00	\$ 48,105.82	\$ 19,140.61	\$ 521,641.74
Winnebago..... 30	\$ 29,182.51	\$ 26,319.84		\$ 11,354.31	\$ 1,550.71				\$ 2,029.54	\$ 70,438.81
P- 2	11,206.58	72,945.07		17,941.50	2,708.14				3,336.39	108,238.68
P-120	30,232.88	31,823.48		22,169.36			\$ 175.00		5,016.54	109,351.26
Total	\$ 70,681.97	\$ 131,088.39		\$ 51,461.47	\$ 4,258.85		\$ 175.00		\$ 10,442.47	\$ 288,048.15
Winneshiek..... 98	\$ 234,219.01			\$ 17,824.08	\$ 14,682.21		7.40		\$ 16,004.21	\$ 283,438.71
P-121	92,482.00			24,828.10	5,873.67		675.00		8,766.22	132,625.59
P-177	30,476.15		\$ 26,704.95	2,769.27			7,450.63		4,895.89	45,591.96
C- 15									3,754.89	30,459.84
B- 55								\$ 58,393.00	304.75	58,698.41
B- 73								15,703.84	289.09	15,992.43
B-146								33,336.25	1,397.80	34,734.05
B-162								30,310.41	858.90	31,169.31
Total	\$ 337,278.66		\$ 26,704.95	\$ 45,422.35	\$ 20,555.88		\$ 8,133.35	\$ 137,903.68	\$ 36,871.75	\$ 632,770.30
Woodbury..... 2	\$ 445,244.05		\$ 1,194,471.87	\$ 1,050.15	\$ 19,388.97		\$ 35,613.13		\$ 41,503.80	\$ 1,728,369.87
73	37,230.06		124,632.80	2,715.30			1,125.00		2,537.73	168,249.58
136	51,225.07		185,902.77	117.90			15,068.17		3,765.20	256,078.31
162	64,508.60				5,075.40		2,257.16		2,590.32	75,331.43
185	73,110.65		175,504.94	77.90			23,936.89		3,671.03	275,322.51
245									126.45	126.45
P- 45	149,177.43		647,896.02	12,461.00			10,141.70		11,210.50	830,897.61
P-187	1,787.22		24,932.06						1,028.29	27,747.47
P-307		\$ 11,574.63							511.70	12,086.33
C- 12			57,010.79							57,010.79
FAB- 2							\$ 42,769.06		1,137.28	43,906.34
B-240							45,480.86		2,182.63	47,663.49
FAB-245									16.50	16.50
Total	\$ 822,482.07	\$ 11,574.63	\$ 2,400,351.24	\$ 17,321.11	\$ 25,364.27		\$ 87,743.05	\$ 88,249.92	\$ 70,271.44	\$ 3,523,357.73
Worth..... 134	\$ 46,225.44	\$ 20,617.05		\$ 15,195.39					\$ 6,240.87	\$ 88,278.75
P- 82	29,284.34			971.96			\$ 229.00		2,441.52	32,917.82
P-161				30,070.80					803.29	30,874.09
P-216	106,227.12	60,834.25		10,634.37	3,621.52		25.00		10,078.41	182,921.27
B- 98									745.12	35,632.68
Total	\$ 181,736.90	\$ 71,451.30		\$ 56,873.12	\$ 3,621.52		\$ 245.00	\$ 34,906.96	\$ 20,999.12	\$ 309,743.92
Wright..... 29	\$ 46,064.21	\$ 102,531.76		\$ 22,849.55					\$ 5,067.39	\$ 177,132.78
P- 19	51,380.77	16,129.84		13,075.86	\$ 1,423.07				4,984.87	87,105.11
P-109	28,315.03	12,398.82		3,749.73			\$ 1,459.96		3,069.28	53,943.81
P-200	37,876.94	99,180.87		17,854.46			263.25		6,339.81	82,245.33
P-341	4,332.75	5,751.42		456.45					66.00	10,629.62
P-387	7,071.35						2,769.00		1,531.25	11,371.60
B- 26								\$ 26,305.65		26,305.65
B- 99								4,645.39	13.00	4,658.39
B-188								6,014.75	15.00	6,030.35
B-206								1,980.00		1,980.00
Total	\$ 176,161.05	\$ 156,902.51		\$ 57,507.05	\$ 1,423.07		\$ 4,492.30	\$ 39,633.79	\$ 26,017.07	\$ 402,107.64
Grand Total.....	\$22,966,407.38	\$5,440,848.99	\$20,857,407.98	\$3,019,445.82	\$809,645.61	\$140,755.10	\$1,329,567.49	\$8,046,768.19	\$2,432,869.52	\$65,252,545.56

SCHEDULE NO. 75

SHOWING TOTAL AND RELATIVE COST OF MAINTENANCE OF EARTH, GRAVEL AND PAVED ROADS BY COUNTIES, PRIMARY ROAD SYSTEM, DECEMBER 1, 1924 TO NOVEMBER 30, 1925

County	Earth Roads			Gravel Roads			Paved Roads			Total Cost Earth, Gravel and Paving Maintenance
	Number of Miles	Total Cost of Maintenance	Average Per Mile	Number of Miles	Total Cost of Maintenance	Average Per Mile	Number of Miles	Total Cost of Maintenance	Average Per Mile	
Adair	37.4	\$ 27,185.91	\$ 726.00							\$ 27,185.91
Adams	35.4	15,808.45	446.00							15,808.45
Allamakee	84.5	20,980.91	248.00	1.3	\$ 1,391.14	\$ 107.00				22,372.05
Appanoose	37.8	27,276.59	722.00							27,276.59
Audubon	43.4	22,829.43	527.00							22,829.43
Benton	81.1	27,581.15	340.00							27,581.15
Black Hawk				24.7	9,559.36	387.00	9.6	672.42	\$ 70.00	18,006.43
Boone	9.2	1,094.42	175.00	68.8	21,041.45	306.00	47.8	8,516.07	78.00	22,645.87
Bremer	22.5	18,332.75	815.00	19.0	7,208.48	379.00				25,541.23
Buchanan	12.7	4,045.43	396.00	18.2	7,569.78	416.00	15.1	3,722.69	246.00	15,337.90
Buena Vista				67.4	34,444.32	512.00				34,444.32
Butler	20.1	8,154.88	408.00	49.2	31,842.47	648.00				39,997.35
Calhoun				73.0	45,813.31	628.00				45,813.31
Carrroll	36.2	9,754.67	269.00	34.1	17,896.94	524.00				27,651.61
Cass	72.2	26,836.67	372.00				0.5			26,836.67
Cedar	75.2	36,121.56	479.00							36,121.56
Cerro Gordo	3.2	242.00	76.00	16.8	7,007.32	418.00	32.8	5,041.93	154.00	12,891.25
Cherokee	6.0	3,735.37	623.00	70.5	26,014.70	370.00	9.5			29,770.07
Chickasaw	4.9	1,048.98	214.00	40.8	9,961.13	244.00				10,999.51
Clarke	44.7	19,584.40	438.00							19,584.40
Clay				33.9	20,169.77	594.00				20,169.77
Clayton	62.4	55,797.37	895.00	41.5	6,971.30	168.00				62,768.67
Clinton	82.5	9,409.87	220.00	.3	1,034.08	3,425.00	33.1	11,774.05	322.00	22,215.00
Crawford	56.7	23,172.41	385.00	24.6	11,933.85	485.00				35,106.26
Dallas	8.9	2,954.57	331.00	7.71	41,974.43	545.00				44,929.70
Davis	47.4	22,675.10	480.00							22,675.10
Decatur	53.1	20,294.71	382.00							20,294.71
Delaware	12.1	2,270.33	188.00	47.0	17,969.07	382.00				20,239.40
Des Moines	27.5	13,528.47	495.00	3.0	2,781.02	927.00	8.8	1,277.70	145.00	17,587.19
Dickinson				87.7	26,176.80	299.00	4.8	507.07	105.00	26,683.87
Dubuque	42.4	24,123.73	569.00	35.8	31,292.55	873.00	2.5	1,209.54	329.00	36,406.82
Emmet				40.4	31,509.44	780.00				31,509.44
Fayette	29.5	9,242.40	315.00	65.7	30,406.35	463.00				39,748.75
Floyd	32.1	9,679.88	302.00	19.8	2,351.76	129.00	16.8	2,072.45	122.00	14,304.09
Franklin				42.1	23,700.94	565.00				23,700.94
Fremont	56.1	24,682.59	440.00							24,682.59
Greene	3.9	5,178.04	1,328.00	44.8	12,328.61	275.00	22.0	4,764.92	159.00	22,271.57
Grundy	6.7	3,729.87	558.00	57.5	22,443.13	392.00				26,173.00
Guthrie	67.1	30,791.25	459.00	5.5	466.45	133.00				31,257.70
Hamilton				67.5	28,991.81	416.00				28,991.81
Hancock		1,179.50		22.5	7,977.64	356.00	24.4	5,045.63	207.00	14,102.67
Hardin	5.5	12.57	2.00	69.7	54,151.15	776.00				54,163.72
Harrison	72.6	26,656.34	366.00							26,656.34
Henry	31.9	19,043.16	597.00							19,043.16
Howard	12.7	6,493.93	508.00							6,493.93
Humboldt				37.5	12,419.46	334.00				12,419.46
Ia	9.4	4,443.30	472.00	49.8	31,322.97	629.00		45.99		31,368.96
Iowa	40.7	31,577.45	775.00	25.4	14,117.73	557.00				45,695.18
Jackson	71.1	28,251.99	398.00	4.0	599.20	150.00				28,851.19
Jasper	35.3	8,294.29	235.00	53.9	23,286.26	432.00				31,580.55
Jefferson	46.3	25,512.07	551.00							25,512.07
Johnson	69.9	31,347.85	448.00							31,347.85
Jones	38.7	11,918.02	308.00	14.9	6,928.09	464.00	3.2	510.82	159.00	18,826.93
Keokuk	78.3	21,063.02	269.00				9.1			21,063.02
Kossuth				76.7	64,450.98	840.00	12.5	887.96	72.00	65,338.94
Lee	70.0	21,246.94	304.00	32.0	7,154.65	224.00				28,401.59
Linn	62.7	20,162.42	321.00	12.1	13.00	1.0	29.8	1,846.65	88.00	22,016.07
Louis	50.3	23,202.08	464.00	.6			1.8	76.49	58.00	23,278.57
Lyon	56.0	21,458.21	384.00							21,458.21
Madison	56.4	178.00		66.1	25,828.04	391.00				25,996.04
Mahaska	85.0	31,681.75	366.00							31,681.75
Marion	91.2	34,490.74	378.00							34,490.74
Marshall	1.3	11,715.62	9,000.00	21.2	4,973.19	234.00	26.8	536.10	21.00	16,714.91
Mills	45.4	21,417.91	443.00							21,417.91
Mitchell	35.3	5,169.92	146.00	50.5	28,351.59	563.00				33,521.51
Monona	71.6	17,723.68	248.00							17,723.68
Monroe	68.1	24,848.41	365.00							24,848.41
Montgomery	34.8	26,515.35	454.00							26,515.35
Muscatine	79.9	25,838.40	324.00	14.0	3,389.65	242.00	.4	56.32	140.00	29,373.32
Muscatine	14.8	10,068.40	681.00	38.5	4,288.40	117.00	22.5	4,312.21	191.00	15,669.10
O'Brien				42.7	31,767.11	744.00				31,767.11
Oceola										
Page	67.3	22,746.60	486.00	37.9	11,682.11	308.00	11.0	869.91	81.00	34,748.62
Palo Alto		2,879.94		3.5	7,093.31	200.00				9,973.25
Plymouth	114.9	42,939.87	374.00	64.3	46,864.22	729.00				89,804.09
Pocahontas				7.6	9,870.30	1,298.00	84.5	20,177.70	238.00	31,890.11
Polk		1,782.11		1.2			1.1			1,782.11
Pottawattamie	138.4	74,500.14	538.00	30.4	8,337.74	274.00				82,837.88
Poweshiek	27.6	15,009.31	508.00							15,009.31
Ringgold	32.3	23,412.63	448.00							23,412.63
Saunders				90.9	76,205.40	838.00				76,205.40
Scott	5.6	4,608.49	822.00	7.6	3,463.09	456.00	69.6	21,982.56	316.00	25,681.99
Shelby	47.7	25,681.99	538.00							25,681.99
Sioux		1,527.54		68.4	28,475.62	417.00	4.4	510.43	116.00	30,543.59
Story				66.1	35,215.25	533.00				35,215.25

SCHEDULE NO. 75—Continued

County	Earth Roads			Gravel Roads			Paved Roads			Total Cost Earth, Gravel and Paved Maintenance
	Number of Miles	Total Cost of Maintenance	Average Per Mile	Number of Miles	Total Cost of Maintenance	Average Per Mile	Number of Miles	Total Cost of Maintenance	Average Per Mile	
Tama	38.5	16,984.05	441.00	31.4	7,959.39	255.00				24,983.44
Taylor	49.2	14,283.08	288.00							14,283.08
Union	48.0	20,919.92	436.00	4.4	236.40	54.00				21,156.32
Van Buren	38.2	13,777.36	361.00	10.8	5,127.25	475.00				18,904.61
Wapello	42.9	19,408.77	453.00							19,408.77
Warren	78.9	17,598.76	223.00	3.4	933.48	274.00				18,532.24
Washington	75.0	33,777.60	471.00	10.8	4,306.25	406.00				40,187.85
Wayne	62.6	20,689.92	330.00							20,689.92
Webster	11.0	3,712.35	337.00	72.0	80,986.34	1,190.00				90,698.69
Winnebago	1.0			48.2	23,908.34	497.00				23,908.34
Winneshek	81.3	16,862.04	207.00							16,862.04
Woodbury	46.2	25,221.01	546.00	7.8	3,273.25	419.00	60.0	16,728.85	282.00	45,223.11
Worth	19.0	3,844.18	202.00	41.6	24,218.21	583.00				28,062.39
Wright	9.7	2,943.61	304.00	51.3	20,301.15	395.00				23,294.76
Total	3,644.7	\$ 1,468,639.19	\$ 403.00	2,460.8	\$ 1,276,848.33	\$ 519.00	\$ 508.0	\$ 113,235.38	\$ 199.00	\$ 2,838,722.00

*Minus quantity.

SCHEDULE NO. 76

SHOWING TOTAL COST OF ROAD AND BRIDGE MAINTENANCE AND AVERAGE COST PER MILE PRIMARY ROAD SYSTEM
DECEMBER 1, 1924 TO NOVEMBER 30, 1925

County	Number of Miles in System	Total Cost Maintenance Earth, Gravel and Paved Roads	Bridge Maintenance		Total Cost of Maintenance Roads and Bridges	Average Cost of Maintenance Per Mile	Special Maintenance	Total Expenditures, December 1, 1924 to November 30, 1925
			Total Cost	Average Per Mile				
Adair	57.4	\$ 27,185.91	\$ 469.33	\$ 8.18	\$ 27,655.24	\$ 482.00	\$ 2,627.17	\$ 30,282.41
Adams	35.4	15,806.45	473.33	13.37	16,281.78	460.00		16,281.78
Allamakee	86.8	22,372.05	325.08	3.79	22,697.13	263.00		22,697.13
Appanoose	57.8	27,276.59			27,276.59	472.00	2,020.29	29,296.88
Audubon	42.0	22,839.43			22,839.43	545.00		22,839.43
Benton	90.7	38,333.57	1,035.31	11.42	39,268.88	323.00		40,892.02
Black Hawk	72.5	18,066.43			18,066.43	249.00		18,315.43
Boone	78.0	22,645.87	699.20	8.96	23,345.07	299.00		23,644.07
Bremer	72.1	25,691.23	791.72	10.98	26,482.95	366.00	258.48	26,741.43
Buchanan	46.0	15,937.90			15,937.90	347.00		16,284.90
Boona Vista	67.4	34,444.82			35,233.66	325.00	1,276.81	36,510.47
Butler	69.3	39,097.25	3,370.61	48.64	43,367.86	626.00	2,448.86	45,816.72
Calhoun	73.0	45,813.31			45,813.31	628.00		46,441.31
Carroll	70.3	27,640.91			27,640.91	393.00	651.07	28,291.98
Cass	72.7	26,830.67			26,830.67	369.00		27,200.67
Cedar	75.2	36,121.05	1,242.86	16.53	37,363.91	394.00		37,757.91
Cerro Gordo	82.8	12,861.25			12,861.25	154.00	1,420.80	14,282.05
Cherokee	77.0	29,779.97			29,779.97	387.00		30,166.97
Chickasaw	45.7	10,909.81	529.15	11.58	11,438.96	252.00	1,678.98	13,117.94
Clarke	44.7	19,684.46			19,684.46	440.00	92.81	19,777.27
Clay	53.9	20,169.77			20,169.77	374.00	124.95	20,294.72
Clayton	104.9	31,868.73	839.69	8.01	32,498.33	310.00	1,077.30	33,575.63
Clinton	55.9	22,215.00	246.00	2.90	22,461.00	361.00		22,822.00
Crawford	81.3	45,108.26	95.20	1.17	45,203.46	556.00	2,060.94	47,264.40
Dallas	86.0	44,928.70			44,928.70	522.00	579.15	45,507.85
Davis	47.4	25,678.16			25,678.16	479.00		26,157.16
Decatur	53.1	30,204.71	3,029.24	57.05	33,233.95	438.00	2,156.01	35,390.96
Delaware	59.1	20,229.40			20,229.40	342.00		20,571.40
Des Moines	39.3	17,557.19	478.17	12.17	18,035.36	460.00		18,495.36
Dickinson	42.5	36,683.37			36,683.37	863.00	25.00	37,571.37
Dubuque	81.7	36,676.82	401.80	4.92	37,078.62	699.00	363.94	37,442.56
Emmet	40.4	31,569.44	429.12	10.60	31,998.56	790.00	1,535.48	33,534.04
Fayette	65.2	39,748.75			39,748.75	417.00	3,215.15	42,963.90
Floyd	68.7	14,304.00	15.25	.22	14,319.24	398.00	258.48	14,577.72

SCHEDULE NO. 76—Continued

County	Number of Miles in System	Total Cost Maintenance Earth, Gravel and Paved Roads	Bridge Maintenance		Total Cost of Maintenance Roads and Bridges	Average Cost of Maintenance Per Mile	Special Case Maintenance	Total Expenditures, December 1, 1924 to November 30, 1925
			Total Cost	Average Per Mile				
Franklin	42.1	22,700.64	52.75	1.29	22,754.39	564.00	621.90	24,376.29
Fremont	56.1	24,682.56	2,072.33	36.95	26,755.29	477.00	2,462.00	29,297.29
Greene	72.6	22,271.87			22,271.87	307.00	2,368.83	24,640.70
Grundy	64.2	36,183.00	1,150.56	17.92	37,333.56	582.00	177.25	37,510.81
Guthrie	70.6	31,357.70			31,357.70	445.00	94.06	31,451.76
Hamilton	67.5	29,271.21			29,271.21	434.00	1,896.25	31,167.46
Hancock	37.9	12,842.77			12,842.77	222.00	1,207.55	14,100.32
Hardin	66.2	54,163.72			54,163.72	818.00	8.69	54,172.41
Harrison	72.6	26,656.34	3,880.71	53.45	30,537.05	421.00	2,130.71	32,697.76
Henry	51.9	19,043.16			19,043.16	367.00	2,423.09	21,466.25
Howard	50.0	18,825.39			18,825.39	377.00	828.27	19,653.66
Humboldt	40.8	31,398.96			31,398.96	770.00	65.80	31,464.76
Ia	60.1	18,561.12			18,561.12	370.00	825.10	18,886.22
Iowa	66.1	31,577.45	4,702.45	72.05	36,279.90	550.00	7,377.50	43,717.49
Jackson	75.1	29,251.29	680.18	9.05	29,931.47	398.00	5,209.33	35,190.80
Jasper	80.2	31,580.55	55.25	.62	31,635.80	395.00	897.50	32,533.30
Jefferson	66.3	35,512.07	40.77	.88	35,552.84	532.00	567.50	36,190.34
Johnson	73.1	31,808.68	1,536.75	21.02	33,345.43	457.00	38,296.43	38,296.43
Jones	53.7	18,846.11	1,903.32	39.86	20,449.63	381.00	244.90	20,694.53
Keokuk	78.3	21,051.02	343.98	4.29	21,395.00	273.00	1,710.04	23,105.04
Kossuth	89.0	65,338.04			65,338.04	734.00	66,338.04	66,338.04
Lee	83.0	28,400.29			28,400.29	342.00	28,400.29	28,400.29
Linn	96.6	22,016.07			22,016.07	230.00	4,073.38	26,089.45
Louisia	52.2	23,438.48			23,438.48	449.00	23,438.48	23,438.48
Lucas	66.9	21,438.21	1,006.24	17.96	22,444.45	401.00	829.33	23,292.78
Lyon	66.1	26,006.04	1,303.64	20.43	27,309.68	414.00	27,309.68	27,309.68
Madison	60.4	30,329.04	102.80	1.82	30,431.84	502.00	244.37	30,976.21
Mahaska	85.0	31,081.75	3,509.02	42.85	34,590.77	408.00	1,735.41	36,417.08
Marion	91.2	34,490.74	945.03	10.36	35,435.77	389.00	35,435.77	35,435.77
Marshall	49.3	17,244.91	191.93	3.89	17,436.84	354.00	4,374.57	21,811.41
Mills	48.4	31,417.91	5,948.56	69.19	37,366.47	512.00	2,944.66	37,711.13
Mitchell	59.8	33,455.51			33,455.51	563.00	328.00	33,988.51
Monona	71.6	17,758.68	2,072.34	27.32	19,831.02	282.00	224.67	20,059.69
Monroe	68.1	24,843.41	38.50	.56	24,881.91	365.00	2,153.00	27,034.91
Montgomery	54.8	26,515.55	388.87	7.10	26,904.42	491.00	45.00	27,399.42
Muscatine	64.3	29,278.97	1,852.95	19.71	31,131.92	330.00	666.54	31,800.46
O'Brien	73.5	18,609.10	64.65	.88	18,673.75	253.00	68.28	19,370.03
Osceola	42.7	31,707.11			31,707.11	744.00	179.33	31,946.44
Page	67.3	22,746.69	1,229.39	18.36	23,976.08	365.00	35,079.59	35,079.59
Palo Alto	48.9	14,856.96			14,856.96	304.00	14,856.96	14,856.96
Plymouth	118.4	50,033.18	300.33	3.05	50,333.51	425.00	429.45	50,823.16
Pocahontas	64.3	46,864.22	252.68	3.48	47,087.90	732.00	129.00	47,946.90
Polk	92.1	31,830.11	157.30	1.71	31,987.41	347.00	4,394.54	36,381.95
Pottawattamie	149.7	74,500.14	244.28	1.71	74,744.42	501.00	792.50	75,536.92
Poweshiek	67.0	24,028.05	45.05	.67	24,073.10	359.00	4,553.00	28,981.10
Ringgold	52.3	23,413.03	615.09	11.77	24,028.12	460.00	2,012.10	26,040.12
Sac	90.9	76,206.40			76,206.40	838.00	68.00	76,274.40
Scott	82.8	30,049.08			30,049.08	363.00	2,818.85	32,867.93
Shelby	47.7	23,081.09	1,520.36	31.87	24,601.45	570.00	1,454.77	26,056.12
Sioux	72.8	30,543.89			30,543.89	420.00	308.00	30,781.89
Story	66.1	35,212.25	58.50	.80	35,270.75	523.00	41.51	35,812.56
Tama	69.0	24,983.44	552.31	7.90	25,535.75	363.00	25,535.75	25,535.75
Taylor	49.5	14,288.08			14,288.08	289.00	14,288.08	14,288.08
Union	52.4	31,156.22	327.05	6.24	31,483.27	410.00	396.80	31,879.15
Van Buren	49.0	18,904.61	1,267.51	27.91	20,172.12	414.00	1,313.89	20,922.12
Wapello	42.9	19,408.77	194.27	4.53	19,603.04	457.00	1,313.89	20,922.12
Warren	82.3	18,982.84	1,045.22	12.70	19,977.56	243.00	537.54	20,515.10
Washington	56.8	40,167.85			40,167.85	463.00	40,167.85	40,167.85
Wayne	62.6	29,689.92			29,689.92	330.00	729.53	30,419.45
Webster	54.9	30,638.03			30,638.03	1,080.00	2,384.40	33,022.43
Winneshiek	49.2	25,908.34			25,908.34	456.00	1,825.00	27,733.34
Winnebago	51.3	16,862.04	46.80	.95	16,908.84	328.00	108.21	17,067.15
Woodbury	123.0	45,223.11	826.50	6.72	46,049.61	374.00	1,364.35	47,413.96
Worth	60.6	25,062.39			25,062.39	463.00	218.00	25,743.39
Wright	61.0	23,394.76			23,394.76	380.00	1,749.10	25,143.86
Total	6,074.1	\$ 2,858,722.00	\$ 56,636.42	8.34	\$ 2,914,358.32	\$ 437.00	\$ 190,044.61	\$ 3,021,002.93

SCHEDULE NO. 77

MEMORANDUM SHOWING AMOUNT OF GAS TAX COLLECTED BY THE TREASURER OF STATE AND CREDITED TO THE PRIMARY ROAD FUND AS CERTIFIED TO THE HIGHWAY COMMISSION AND APPORTIONED TO THE COUNTIES FOR THE PERIOD APRIL 15, 1925 TO NOVEMBER 30, 1925 INCLUSIVE (COLLECTIONS FOR 5½ MONTHS)

County	Square Miles	Amount
Adair	573	\$ 8,155.56
Adams	427	6,077.53
Allamakee	671	9,550.49
Appanoose	513	7,301.56
Audubon	445	6,305.23
Benton	712	10,133.93
Black Hawk	306	4,055.91
Boone	378	5,226.71
Bremer	434	6,177.16
Buchanan	567	8,070.15
Buena Vista	580	8,255.17
Butler	577	8,212.49
Calhoun	571	8,127.19
Carroll	572	8,141.25
Cass	561	8,007.45
Cedar	578	8,226.71
Cerro Gordo	575	8,184.03
Cherokee	573	8,155.56
Chickasaw	457	7,073.85
Clarke	428	6,091.77
Clay	573	8,155.56
Clayton	700	11,244.13
Clinton	700	10,091.25
Crawford	715	10,176.65
Dallas	692	9,492.90
Davis	502	7,144.99
Decatur	533	7,586.23
Delaware	571	8,127.19
Des Moines	429	6,105.99
Dickinson	411	5,849.79
Dubuque	616	8,767.58
Emmet	417	5,935.20
Fayette	724	10,304.75
Floyd	495	7,045.38
Franklin	578	8,226.71
Fremont	522	7,429.65
Greene	576	8,198.25
Grundy	501	7,130.75
Guthrie	597	8,407.14
Hamilton	570	8,112.96
Hancock	573	8,155.56
Hardin	569	8,008.92
Harrison	713	10,138.03
Henry	427	6,077.53
Howard	465	6,601.98
Humboldt	454	6,177.16
Ida	430	6,120.23
Iowa	583	8,297.88
Jackson	649	9,237.28
Jasper	730	10,390.14
Jefferson	451	6,134.45
Johnson	611	8,096.41
Jones	569	8,008.92
Keokuk	378	5,226.71
Kossuth	974	13,863.02
Lee	345	7,737.61
Linn	717	10,255.10
Louis	426	6,063.30
Lyon	432	6,148.69
Madison	582	8,282.46
Mahaska	562	8,012.23
Marion	575	8,184.03
Marshall	577	8,212.49
Mills	572	8,141.25
Mitchell	447	6,302.18
Monona	463	6,536.60
Monroe	708	10,077.02
Montgomery	433	6,162.92
Muscatine	424	6,064.82
	455	6,476.05

SCHEDULE NO. 77—Continued

County	Square Miles	Amount
O'Brien	569	8,008.92
Osceola	395	5,622.97
Page	531	7,537.77
Palo Alto	572	8,141.25
Plymouth	561	12,254.67
Pocahontas	580	8,255.17
Polk	596	8,482.90
Pottawattamie	958	13,635.39
Poweshiek	580	8,255.17
Ringgold	540	7,985.86
Sac	576	8,198.25
Scott	470	6,989.56
Shelby	589	8,385.27
Sioux	760	10,817.13
Story	567	8,070.15
Tama	720	10,247.80
Taylor	534	7,600.45
Union	427	6,077.53
Van Buren	490	6,974.19
Wapello	428	6,034.10
Warren	571	8,127.19
Washington	559	7,966.30
Wayne	524	7,458.12
Webster	725	10,290.51
Winnebago	386	5,678.99
Winnock	686	9,763.88
Woodbury	878	12,496.63
Worth	399	5,678.99
Wright	578	8,230.71
Total	56,147	\$ 799,144.40

SCHEDULE NO. 78

MEMORANDUM SHOWING TOTAL PRIMARY ROAD BONDS AUTHORIZED, ISSUED,
PAID OFF, AND OUTSTANDING NOVEMBER 30, 1925

County	Bonds Authorized	Bonds Issued	Bonds Paid Off	Bonds Outstanding Nov. 30, 1925
Black Hawk	\$ 1,500,000.00	\$ 1,500,000.00	\$ 65,000.00	\$ 1,435,000.00
Cerro Gordo	700,000.00	750,000.00	230,000.00	500,000.00
Clinton	1,800,000.00	1,737,000.00	425,000.00	1,312,000.00
Floyd	1,000,000.00	671,500.00	150,000.00	521,500.00
Greene	1,000,000.00	780,000.00	780,000.00	780,000.00
Hancock	1,000,000.00	620,000.00	620,000.00	620,000.00
Kossuth	1,500,000.00	255,000.00	255,000.00	255,000.00
Linn	1,467,826.00	620,000.00	620,000.00	620,000.00
Lyon	1,125,000.00	800,000.00	800,000.00	800,000.00
Marshall	800,000.00	800,000.00	800,000.00	800,000.00
O'Brien	1,500,000.00	860,000.00	200,000.00	660,000.00
Polk	3,500,000.00	2,750,000.00	1480,000.00	2,260,000.00
Scott	3,250,000.00	3,250,000.00	11,700,000.00	1,490,000.00
Woodbury	2,500,000.00	2,500,000.00	500,000.00	1,950,000.00
Totals	\$ 23,692,826.00	\$ 17,113,500.00	\$ 3,889,000.00	\$ 13,224,500.00

*\$140,000.00, \$8100,000.00, \$41,330,000.00 refunded under provisions Section 1, Chapter 215, 29th G. A.

SCHEDULE NO. 79

MEMORANDUM SHOWING ANTICIPATION CERTIFICATES ISSUED, REDEEMED,
AND OUTSTANDING NOVEMBER 30, 1925

County	Issued and Sold	Certificates Released	Outstanding November 30, 1925
Adair	\$ 60,000.00	\$ 60,000.00	
Adams	92,000.00	92,000.00	
Allamakee	174,000.00	174,000.00	\$ 75,000.00
Appanoose	60,000.00	60,000.00	
Audubon	85,000.00	65,000.00	20,000.00
Benton	133,000.00	135,000.00	
Boone	207,500.00	181,500.00	25,000.00
Bremer	80,000.00	87,000.00	
Buchanan	215,000.00	215,000.00	
Butler	189,000.00	124,000.00	65,000.00
Calhoun	20,000.00	20,000.00	
Carroll	157,250.00	157,250.00	
Cass	145,000.00	85,000.00	60,000.00
Cherokee	45,000.00	45,000.00	40,000.00
Chickasaw	225,000.00	173,000.00	50,000.00
Clarke	53,000.00	53,000.00	
Clayton	275,000.00	215,000.00	60,000.00
Dallas	370,000.00	293,000.00	67,000.00
Davis	35,000.00		35,000.00
DeWaver	125,000.00	125,000.00	
Des Moines	164,000.00	164,000.00	
Dubuque	197,000.00	152,000.00	45,000.00
Fayette	235,000.00	177,000.00	58,000.00
Fremont	118,000.00	118,000.00	
Greene	119,000.00	119,000.00	
Grundy	176,000.00	176,000.00	90,000.00
Guthrie	327,700.00	212,700.00	115,000.00
Hamilton	289,000.00	289,000.00	64,000.00
Hardin	115,000.00	180,000.00	35,000.00
Howard	154,500.00	134,500.00	20,000.00
Humboldt	90,000.00	90,000.00	
Ida	127,000.00	87,000.00	40,000.00
Jackson	75,000.00	75,000.00	
Jasper	257,000.00	257,000.00	50,000.00
Jefferson	80,000.00	80,000.00	
Johnson	70,000.00	50,000.00	20,000.00
Kossuth	223,500.00	223,500.00	
Lee	145,000.00	123,000.00	22,000.00
Linn	181,000.00	171,000.00	10,000.00
Lucas	80,500.00	80,500.00	
Lyon	25,000.00	25,000.00	
Madison	38,000.00	38,000.00	
Mahaska	228,500.00	134,000.00	94,500.00
Marshall	203,000.00	203,000.00	
Mills	105,000.00	105,000.00	
Mitchell	166,000.00	121,000.00	45,000.00
Monroe	20,000.00	20,000.00	
Montgomery	80,000.00	80,000.00	
Muscatine	111,000.00	81,000.00	30,000.00
Page	161,000.00	78,000.00	83,000.00
Palo Alto	160,000.00	160,000.00	96,000.00
Plymouth	115,000.00	80,000.00	35,000.00
Pocahontas	72,000.00	72,000.00	
Pottawattamie	400,000.00	325,000.00	75,000.00
Poweshiek	40,000.00		40,000.00
Ringgold	138,000.00	120,000.00	18,000.00
Sac	40,000.00		40,000.00
Shelby	102,500.00	82,500.00	20,000.00
Sioux	140,000.00	140,000.00	
Story	223,000.00	176,000.00	57,000.00
Tama	161,000.00	161,000.00	20,000.00
Taylor	75,000.00	30,000.00	45,000.00
Wapello	117,000.00	117,000.00	
Warren	82,000.00	37,000.00	45,000.00
Washington	217,000.00	122,000.00	95,000.00
Wayne	30,000.00	30,000.00	
Webster	237,000.00	166,000.00	64,000.00
Winnebago	94,500.00	94,500.00	
Winneschek	160,000.00	157,000.00	12,000.00
Worth	125,000.00	70,000.00	55,000.00
Wright	180,000.00	170,000.00	10,000.00
Totals	\$ 10,389,350.00	\$ 8,362,850.00	\$ 1,976,500.00

State of Iowa
PART TWO
OF
REPORT OF THE
State Highway Commission

FOR THE YEAR
January 1, 1925 to January 1, 1926

ISSUED BY
STATE HIGHWAY COMMISSION

Commissioners, { J. W. HOLDEN
 ANSON MARSTON
 W. COLLINSON

AMES, IOWA
FEBRUARY 1, 1926

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PART TWO

SUMMARY OF ANNUAL REPORTS OF COUNTY ENGINEERS

INTRODUCTION

This summary is prepared from the Annual Reports of the County Engineers of the ninety-nine counties of Iowa and submitted in accordance with the provisions of Section 252—Code of 1924.

The County Engineers' reports include detailed statements of all county expenditures for road and bridge work, and also detailed reports of township expenditures in so far as County Engineers were able to obtain data from Township Clerks.

Statements of expenditures are based on warrants issued by the County Auditors for the year 1925. The County Engineers obtain the information contained in their reports from the following sources:

(a) Total expenditures from County Bridge, County Motor Vehicle Road, and County Road funds, from County Auditor's Warrant Register; Detailed classification of these expenditures from County Engineer's Claim Register.

(b) Financial statement of the receipts and disbursements in above named fund, from County Treasurer's ledger.

(c) Statement of county's indebtedness from records of County Auditor and County Treasurer.

(d) Statement of classified expenditures from all township funds, and financial statement of receipts and disbursements in said funds, from annual reports of township clerks.

This report includes a general summary of the activities of the ninety-nine counties, and twenty-seven summary tables showing in detail the expenditures for road work on the secondary system and bridge work on all roads paid for from county funds, and the present financial condition of the several counties.

Summary of Financial Statement For Entire State

ANNUAL REPORT OF COUNTY ENGINEERS
JANUARY 1, 1925 TO JANUARY 1, 1926

Total Expenditures:

During 1925, the counties and townships spent \$16,999,565.52 for road and bridge work on the 96,247.03 miles of road in the county and township road systems. The total expenditure for both road and bridge work is an average of \$176.62 per mile on the total mileage above named. The expenditures are classified as follows:

Bridge work paid for from county funds.....	\$ 5,849,099.87
Road work on county system	4,311,239.57
Road work on township roads	6,839,226.08
Total	\$16,999,565.52

The expenditure for bridge work alone averaged \$60.78 per mile.

The expenditure for road work on the county system averaged \$382.08, and on the township road system \$80.50 per mile.

The following schedule compares expenditures for the past several years, according to purpose for which spent and according to the fund from which derived.

TOTAL EXPENDITURES FROM COUNTY FUNDS FOR ROAD AND BRIDGE WORK

	1921	1922	1923	1924	1925
Bridge work on both county and township roads	\$ 8,026,387.00	\$ 5,479,007.00	\$ 5,758,987.42	\$ 5,708,857.97	\$ 5,849,099.87
Road work on county roads	5,766,488.50	4,255,371.21	3,864,782.80	4,034,618.45	4,311,239.57
Road work on township roads	6,672,955.24	6,048,746.07	6,048,826.43	6,616,022.16	6,839,226.08
Totals.....	\$20,465,825.8	\$15,783,124.9	\$15,667,596.65	\$16,359,498.61	\$16,999,565.52

TOTAL EXPENDITURES FROM COUNTY AND TOWNSHIP FUNDS

	1921	1922	1923	1924	1925
County bridge fund.....	\$ 7,067,728.40	\$ 5,330,215.39	\$ 5,619,176.75	\$ 5,587,331.85	\$ 5,000,146.72
County road fund.....	6,008,944.21	4,888,646.14	3,949,407.23	4,121,886.52	4,376,988.73
Motor vehicle fund.....	100,808.68	39,707.17	4,408.57	.....	.....
Secondary road special assessments	22,976.11	59,274.00	79,242.67	96,327.95	44,008.75
Township funds.....	6,539,833.57	5,901,362.49	5,921,468.39	6,499,004.92	6,677,870.81
All other sources.....	141,546.06	72,719.66	93,908.07	65,417.37	231,455.51
Totals.....	\$20,465,825.81	\$15,783,124.94	\$15,667,596.65	\$16,359,498.61	\$16,999,565.52

Cash Balances January 1, 1926:

On January 1, 1926, there were cash balances on hand in the county and township road and bridge funds amounting to \$3,580,139.40 as follows:

County bridge fund	\$1,137,032.11
County road fund	1,289,285.58
County motor vehicle road fund.....	48,302.97
Total county balance	2,474,620.66
Township road, drag and drainage funds.....	1,787,469.52
Total	\$4,262,080.18

Indebtedness:

On January 1, 1926, there were outstanding bonds, for road and bridge work, amounting to \$21,916,787.15 as follows:

Bridge bonds outstanding	\$13,436,071.00
Road bonds outstanding	8,480,716.15

Total bonds outstanding

Bonds issued during 1925:

Bridge bonds	\$ 180,000.00
Road bonds .....	.....

Total

Bonds retired during 1925:

Bridge bonds	\$ 543,755.46
Road bonds	422,656.86

Total

Net decrease in bonds outstanding

TOTAL INDEBTEDNESS FOR ROAD AND BRIDGE WORK
County Bridge Fund

	January 1, 1922	January 1, 1923	January 1, 1924	January 1, 1925	January 1, 1926
Outstanding bills	\$ 117,027.27	\$ 81,066.71	\$ 125,444.18	\$ 80,491.11	\$ 83,139.93
Outstanding warrants	1,242,907.97	745,541.84	249,308.86	213,519.12	294,648.84
Outstanding bonds	13,871,663.72	13,908,429.55	14,272,651.95	13,767,626.46	13,436,071.00
Total bridge indebtedness	\$15,231,698.96	\$14,735,038.10	\$14,647,404.12	\$14,060,636.69	\$13,813,859.77

County Road Fund

	January 1, 1922	January 1, 1923	January 1, 1924	January 1, 1925	January 1, 1926
Outstanding bills	\$ 152,431.32	\$ 89,000.00	\$ 140,061.22	\$ 74,005.57	\$ 85,701.63
Outstanding warrants	1,300,424.23	1,047,281.22	417,010.94	111,479.04	93,466.93
Outstanding bonds	7,470,473.10	8,257,766.28	8,807,354.30	8,580,305.36	8,480,716.15
Total road indebtedness	\$ 9,013,328.65	\$ 9,393,888.19	\$ 9,377,026.36	\$ 9,125,529.97	\$ 8,659,884.71
Total indebtedness	\$24,245,017.61	\$24,128,926.29	\$24,024,430.48	\$23,186,166.66	\$22,473,684.48

EQUIPMENT AND TOOLS ON HAND

Reports of county engineers show that the several counties owned equipment and tools for road and bridge work valued on January 1, 1926 at \$980,028.00. A summary of the principal items of equipment reported is as follows:

Items	Number	Estimated Value
Tractors	231	\$319,085.00
Trucks	152	82,237.00
Concrete Mixers	99	17,638.00
Pile Drivers	80	9,740.00
Heavy Graders	281	139,004.00
Patrol Graders	1,063	105,432.00
Maintainers	602	80,689.00
Snow Plows	25	15,985.00
Wheeled Scrapers	609	12,522.00
Slip Scrapers	1,296	6,389.00
Road Drags	2,923	23,024.00
Fresnos	258	3,811.00
Plows	365	3,485.00
Camp Equipment	128	12,428.00
Small Tools and Miscellaneous		148,559.00
Total		\$980,028.00

A detailed statement of the inventory of equipment in each county is given in Summary Table No. 26, Parts 1 and 2.

This does not include equipment owned by townships which consists principally of blade graders, tractors, drags, wheeled scrapers, slip scrapers, plows and small tools.

In addition to the above county owned equipment the Iowa State Highway Commission has furnished the counties of the state with war surplus equipment as follows:

Items	Number	Estimated Value
Tractors	37	\$105,250.00
Trucks	209	502,402.00
Trailers, wagons, carts and rolling stock ...		80,200.00
Shop machinery		55,763.95
General supplies		95,533.42
Total War Surplus		\$839,149.37

SUMMARY OF BRIDGE WORK AND EXPENDITURES
FOR ENTIRE STATE

For the Year 1925

The total expenditure from county funds for bridges and culverts in the state during 1925 was \$5,650,146.72 or \$62,794.87 more than the total expenditure for like purposes in 1924.

Below is a comparison of the classified expenditures for each of the past five years, including 1925, a comparison of permanent and temporary construction and a statement of the amounts for the various types of construction for the past four years. The amounts given were expended on work classified as shown.

Permanent bridges and culverts include only structures composed entirely of masonry or steel construction. If a part of the work is of temporary nature, the structure is classified under the heading of temporary construction. Pipe culverts not provided with masonry bulkheads are classified as temporary construction.

COMPARISON OF CLASSIFIED BRIDGE EXPENDITURES

Amounts

Classification	1921	1922	1923	1924	1925	Total Five-Year Period
Permanent bridges and culverts—county	\$4,306,104.29	\$2,479,448.25	\$2,755,508.20	\$2,566,563.64	\$2,674,348.88	\$14,871,973.26
Temporary bridges and culverts	757,920.98	543,333.34	455,650.71	498,672.81	575,443.56	2,831,025.40
Repairs—county	1,345,671.79	1,171,671.41	1,238,910.53	1,310,715.04	1,315,248.90	6,381,618.17
Culverts purchased for townships	422,493.66	439,884.30	423,421.79	442,641.17	419,986.64	2,148,427.56
Equipment and unused material	345,155.53	368,632.06	441,830.90	376,422.02	367,202.49	1,809,252.57
Filling bridges and culverts	357,046.25	208,908.33	201,404.34	249,319.00	235,740.36	1,252,418.33
Special cases	402,504.59	267,157.53	267,251.98	284,525.06	201,127.14	1,432,654.12
Totals	\$8,029,387.06	\$5,479,037.06	\$5,753,987.42	\$5,708,857.07	\$5,849,069.87	\$30,817,369.41

Percentages

Classification	1921	1922	1923	1924	1925	Total Five-Year Period
Permanent bridges and culverts—county	54.78	45.25	47.88	44.96	45.72	48.26
Temporary bridges and culverts	9.44	9.91	7.92	8.74	9.84	9.19
Repairs—county	16.75	21.40	21.53	22.96	22.49	20.71
Culverts purchased for townships	5.26	8.03	7.35	7.75	7.18	6.97
Equipment and unused material	4.30	6.72	7.68	6.59	6.28	6.16
Filling bridges and culverts	4.45	3.81	3.50	4.37	4.03	4.06
Special cases	5.02	4.88	4.15	4.93	4.46	4.65
Totals	100.00	100.00	100.00	100.00	100.00	100.00

COMPARISON OF EXPENDITURES FOR PERMANENT AND TEMPORARY BRIDGE CONSTRUCTION

	1921		1922		1923	
	Expenditures	%	Expenditures	%	Expenditures	%
Permanent bridges and culverts—county	\$ 4,306,104.29	78.83	\$ 2,479,448.25	71.61	\$ 2,755,508.20	75.81
Temporary bridges and culverts	757,920.98	13.50	543,333.34	15.69	455,650.71	12.54
Culvert materials furnished townships	422,493.66	7.58	439,884.30	12.70	423,421.79	11.65
Totals	\$ 5,576,518.93	100.00	\$ 3,462,667.89	100.00	\$ 3,634,580.70	100.00

	1924		1925		Five-Year Period	
	Expenditures	%	Expenditures	%	Expenditures	%
Permanent bridges and culverts—county	\$ 2,566,563.64	78.17	\$ 2,674,348.88	72.87	\$14,871,973.26	74.92
Temporary bridges and culverts	498,672.81	14.22	575,445.56	15.08	2,831,025.40	14.26
Culvert materials furnished townships	442,641.17	13.61	419,986.64	11.45	2,148,427.56	10.82
Totals	\$ 3,507,877.62	100.00	\$ 3,669,781.08	100.00	\$19,851,426.22	100.00

COMPARISON OF CLASSIFIED PERMANENT BRIDGE AND CULVERT CONSTRUCTION

No.	1921	1922	1923
	Amount	Amount	Amount
1 Concrete culverts (Box, Cir., Arch and Pipe)	\$2,229,066.59	\$1,462,551.38	\$ 1,387,958.55
2 Headwalls and culverts lengthened	140,651.83	80,061.22	76,725.60
3 Concrete slab bridges	162,267.48	66,117.76	63,719.54
4 Concrete arch bridges	112,621.25	120,711.03	73,840.64
5 Concrete abutments	22,042.29	21,785.80	56,878.30
6 Concrete thru girders	30,845.98	4,519.46	-----
7 Concrete deck girders	95,926.44	41,516.67	88,884.36
8 Retaining walls	8,269.13	3,374.79	1,385.47
9 I-beam spans—concrete abutments	411,017.90	222,928.17	443,813.51
10 Steel girders—concrete abutments	57,115.50	18,348.82	-----
11 Pony truss—concrete abutments	774,211.45	267,823.10	573,687.11
12 High steel trusses—concrete abutments	304,383.12	164,395.82	65,101.82
13 Miscellaneous permanent construction	17,662.37	5,264.45	23,533.24
Totals	\$4,306,104.21	\$2,479,448.25	\$ 2,755,508.90

COMPARISON OF CLASSIFIED TEMPORARY BRIDGE AND CULVERT CONSTRUCTION

No.		1921	1922	1923
		Amount	Amount	Amount
1	Concrete pipe culverts.....	\$ 45,292.80	\$ 37,689.70	\$ 27,729.64
2	Corrugated pipe culverts.....	145,619.70	112,594.03	84,002.74
3	I-beam spans—piling abutts.....	78,674.11	45,960.50	45,904.59
4	Pony truss on piling—wood floor.....	72,827.49	71,084.07	37,296.18
5	Wood pile bridges.....	373,641.64	237,371.24	238,909.53
6	Miscellaneous temporary bridges and culverts..	43,865.24	41,725.80	33,069.13
	Totals.....	\$ 737,920.98	\$ 543,335.34	\$ 455,600.71
	Grand total.....	\$5,154,025.27	\$3,022,783.59	\$ 3,211,158.91

COMPARISON OF CLASSIFIED TEMPORARY BRIDGE AND CULVERT CONSTRUCTION

No.		1924	1925	Five Year Period
		Amount	Amount	Amount
1	Concrete culverts (Box, Cir., Arch and Pipe).....	\$1,398,564.81	\$1,349,029.64	\$ 7,708,800.97
2	Headwalls and culverts lengthened.....	78,577.70	85,808.06	461,904.47
3	Concrete slab bridges.....	55,323.48	97,301.91	44,830.17
4	Concrete arch bridges.....	330.78		307,000.70
5	Concrete abutments.....	35,009.61	49,754.98	236,451.66
6	Concrete thru girders.....			35,365.44
7	Concrete deck girders.....	29,735.84	38,973.64	245,006.95
8	Retaining walls.....			13,009.36
9	I-beam spans—concrete abutments.....	384,357.66	349,808.02	1,519,465.26
10	Steel girders—concrete abutments.....	194.20		75,001.33
11	Pony truss—concrete abutments.....	380,452.58	490,782.15	2,490,977.29
12	High steel trusses—concrete abutments.....	178,856.61	170,064.80	882,802.10
13	Miscellaneous permanent construction.....	14,439.47	69,306.56	121,105.04
	Totals.....	\$2,566,663.64	\$2,674,348.88	\$14,871,978.26

COMPARISON OF CLASSIFIED TEMPORARY BRIDGE AND CULVERT CONSTRUCTION

No.		1924	1925	Five Year Period
		Amount	Amount	Amount
1	Concrete pipe culverts.....	\$ 56,715.41	\$ 37,375.32	\$ 158,000.87
2	Corrugated pipe culverts.....	34,279.25	74,779.05	508,985.36
3	I-beam spans—piling abutts.....	32,052.07	82,740.42	230,371.79
4	Pony truss on piling—wood floor.....	83,060.80	65,037.16	329,325.75
5	Wood pile bridges.....	240,378.26	396,509.54	1,357,170.21
6	Miscellaneous temporary bridges and culverts..	39,167.75	48,303.47	177,321.30
	Totals.....	\$ 408,672.81	\$ 575,445.56	\$ 2,531,025.40
	Grand totals.....	\$3,065,236.46	\$3,249,794.44	\$17,702,968.06

CULVERT MATERIAL PURCHASED FOR TOWNSHIPS

Operating under the law which provides that counties may furnish townships with the materials for temporary culverts, the 1,608 townships were furnished material in 1925 at a total cost to the counties of \$419,986.64.

A summary of the cost of material of various classes furnished in 1923, 1924 and 1925 is as follows:

	1923	1924	1925
Corrugated pipe.....	\$290,522.43	\$313,721.75	\$284,360.68
Concrete pipe.....	47,537.12	55,939.06	65,958.93
Lumber.....	70,360.72	60,764.67	56,751.30
Miscellaneous material..	15,001.52	12,215.69	12,915.73
Total.....	\$423,421.79	\$442,641.17	\$419,986.64

SUMMARY OF ROAD WORK AND EXPENDITURES FOR ENTIRE STATE

County Road Expenditures:

During the year 1925 the total expenditures for road work on county roads was \$4,311,239.57, or an average cost of \$382.07 per mile.

The above total expenditure does not include items amounting to \$235,740.36 listed under bridge work for filling of bridges and culverts but paid out of county road fund.

The classification of work, amount and percentage of expenditure for construction, maintenance and special cases is shown below:

Construction		Maintenance		R. R. Crossing Special Cases	
Amount	%	Amount	%	Amount	%
\$ 1,292,647.06	29.06	\$ 2,683,723.50	62.24	\$ 374,869.01	8.70

A total of 779.28 miles of county roads were constructed during 1925 as follows:

Class of Construction	Miles of County Road System
Built to permanent grade.....	391.48
Gravel surfaced.....	487.80
Hard surfaced.....	
Totals.....	779.28

Condition of the county road system January 1, 1926 was as follows:

Condition	County
Miles of earth road not built.....	7,966.56
Miles of earth road built to permanent grade.....	834.55
Miles surfaced with gravel.....	2,500.00
Miles paved.....	1.99
Total miles in system.....	11,288.76

The total expenditure for repairing and maintaining county roads was \$2,683,723.50 of which \$1,370,455.39 was spent for patrol maintenance including dragging, \$682,468.81 for gang maintenance and \$630,799.30 for equipment and tools, or an average of \$237.84 per mile.

The comparative cost of maintenance of earth, gravel and paved road for the years 1923, 1924 and 1925 is shown by the following table:

	County System	
	Number of Miles	Average Cost Per Mile
Earth		
1923.....	9,314.78	195.00
1924.....	9,119.37	222.00
1925.....	8,781.11	238.00
Gravel		
1923.....	1,716.61	233.00
1924.....	2,058.85	304.00
1925.....	2,500.00	237.00
Paved		
1923.....	2.01	108.00
1924.....	2.01	449.00
1925.....	1.99	115.00

Township Road Work:

Reports from 1,367 of the 1,608 townships were received. Average expenditures for the 241 townships which did not report are included in tabulations in this report.

The 1,367 townships reporting show a total road expenditure of \$5,814,192.83 or an average of \$4,253.25 per township. In 1924 the average township expenditure was \$4,117.00. The township road work for 1925 is classified as follows:

Construction.....	\$ 1,385,061.31	20.20%
Maintenance.....	5,405,140.07	79.09%
Special cases.....	48,404.70	.71%
Total.....	\$ 6,838,226.08	100.00%

The township expenditures reported are shown in detail in summary tables Nos. 3, 22 and 25.

SECONDARY ROAD DISTRICTS

During 1925, under the provisions of Section 4746, Chapter 241, Code of 1924, 228 secondary road districts were petitioned for in 32 counties proposing the gravel surfacing of 937 miles of road, of which 305.68 miles was county and 631 was township.

Of the 228 districts petitioned for, 149 were established, embracing 590 miles of road, of which 204 was county and 386 township. Contracts were let for graveling 398 miles, 156 on the county and 242 on the township system.

Graveling was completed on 337 miles, of which 135 was county and 202 township.

The average cost of gravel surfacing completed on secondary roads was \$1,097.89 per mile.

One fourth of the cost of graveling has been assessed against lands within the several districts. The average width of assessment districts was 1.64 miles and the assessment per acre was approximately 29 cents.

A more detailed showing as to the counties in which secondary roads were improved under the district plan will be found in Summary Table No. 15.

TOTAL ROAD MILEAGE

Following the passage of the Gasoline tax bill by the 41st G. A. a check of the mileage of the county and township roads was made for the purpose of the proper distribution of this tax and it appears township roads, and 6,674.10 of Primary roads, making a total of that there are 11,283.76 miles of county roads, 84,963.27 miles of 102,921.13 miles in the State. A detailed showing as to the mileage of each county will be found in Summary Table No. 27.

SUMMARY TABLE NO. 2—(Continued)

County	Bridges and Culverts				County Roads					
	Bridge Fund	Road Fund	All Other Sources	Total	County Road Cash	Bridge	Secondary Road District Special Assessments	All Other Sources	Total	Grand Total
Scott	21,714.79			21,714.79	46,190.00				46,190.00	67,924.44
Shelby	58,967.39	7,349.08		66,316.47	21,065.54				21,065.54	117,273.51
Sioux	69,085.84	2,345.91		71,431.75	41,173.39				41,173.39	113,304.95
Story	54,639.96	2,604.80		57,244.76	68,235.38				68,235.38	125,471.14
Tama	118,065.30			118,065.30	44,245.12				44,245.12	162,310.42
Taylor	58,839.62	1,917.44		60,757.06	26,407.66				26,407.66	87,164.71
Union	30,408.96			30,408.96	17,807.56				17,807.56	48,216.44
Van Buren	41,263.56		6,889.33	48,152.89	17,744.18		6,786.33		24,530.41	72,329.20
Wapello	45,323.17	2,806.18		48,129.35	45,869.21				45,869.21	91,455.56
Warren	57,813.30	6,032.12		63,845.42	22,785.83				22,785.83	86,631.25
Washington	63,696.76	1,335.45		65,032.21	46,739.21				46,739.21	111,771.42
Wayne	44,092.61	668.51		44,761.42	25,090.41	1,484.81			26,575.22	71,336.64
Webster	32,914.32			32,914.32	68,371.62				68,371.62	101,285.94
Winneshago	5,937.37			5,937.37	32,248.22				32,248.22	38,185.59
Winneshiek	99,034.06	713.19		99,747.16	45,546.73				45,546.73	145,293.89
Woodbury	92,453.96			92,453.96	121,423.63				121,423.63	213,877.59
Worth	37,464.58	100.00		37,564.58	34,872.58				34,872.58	72,437.16
Wright	33,441.27			33,441.27	60,271.53				60,271.53	93,712.80
Total	\$5,647,104.98	\$ 98,397.62	\$103,567.29	\$5,849,069.87	\$4,150,910.45	\$3,041.76	\$ 26,130.98	\$131,166.38	\$4,211,239.57	\$10,060,309.44

SUMMARY TABLE NO. 3

Expenditures for Road Construction and Maintenance on Township Road System Shown by Funds—Annual Report of County Engineers

County	No. Township in County	No. Township Reporting	Township Road Fund	Township Drag Fund	Township Drainage Fund	County Funds on Township Roads in Secondary District	Secondary Road District Special Assessment Funds	All Other Sources	Total
Adair	18	17	\$ 30,168.88	\$ 12,756.19	\$ 4,604.97	\$ 9,610.82		\$ 3,742.06	\$ 60,882.47
Adams	12	11	29,961.67	9,277.48	20.25				39,259.40
Allamakee	38	11	29,944.92	3,639.68					33,584.60
Appanoose	17	17	31,365.76	11,262.84		2,211.42			44,839.02
Audubon	12	8	20,738.83	9,588.06					30,326.89
Benton	20	16	30,899.62	16,340.77	923.91			178.64	48,243.94
Black Hawk	18	17	46,169.37	11,879.80	1,937.00				59,986.17
Bonne	17	17	78,509.85	11,337.63	9,041.46	11,384.02	\$ 11,384.02		112,607.93
Bremser	14	8	27,236.43	9,758.03	1,273.88				38,268.34
Buchanan	16	10	34,153.98	7,792.00					41,945.98
Buena Vista	17	15	55,489.49	9,146.74	18,172.63	39,192.53			111,901.39
Calhoun	16	16	47,718.89	9,416.14					57,135.03
Cedar	16	16	66,403.99	13,185.92	10,540.62				90,130.53
Cerro	16	16	51,383.30	13,432.50	4,258.93				69,074.73
Cass	16	10	27,138.77	10,344.89					37,483.66
Cedar	17	17	50,267.05	20,942.97	116.30				71,226.32
Cherokee	16	16	37,964.40	11,676.77	19,972.59				69,613.76
Chickasaw	12	12	41,664.41	8,774.23	1,018.83				51,457.47
Clarke	12	10	22,468.15	8,962.37	3,025.68				34,456.20
Clay	16	11	36,890.67	7,068.98	18,879.09				62,838.74
Clayton	22	12	29,451.90	9,482.53				862.34	39,796.77
Clinton	20	19	57,513.79	20,056.32	1,780.16				79,350.27
Crawford	20	20	63,633.79	11,955.27	5,219.25				80,808.31
Dallas	16	16	91,183.66	16,812.04	6,836.91				114,832.61
Davis	15	15	30,515.80	11,716.59	830.61	6,447.16	6,447.16		50,067.31
Delaware	16	13	17,992.10	7,500.00	37.74				25,529.84
Des Moines	13	13	46,821.56	5,391.80	922.80				53,136.16
Dickinson	16	16	37,498.50	15,218.18					52,716.68
Dubuque	12	7	18,009.33	8,765.76					26,775.09
Dubuque	17	13	88,671.52	8,765.76					97,437.28
Emmet	12	12	35,898.38	6,311.62	13,403.08	12,312.62			68,125.10
Fayette	20	20	71,383.61	21,019.61	2,464.21			240.00	94,867.43

SUMMARY TABLE NO. 4
Expenditures for Bridges and Culverts, Primary, County and Township Roads—Classified—Annual Report of County Engineers

County	Permanent Bridges and Culverts	Temporary Bridges and Culverts	Repair Work	Culvert Material Purchased for Township	Equipment and Unused Material	Filling Bridges and Culverts	Special Cases	Total
Adair	40,996.84	7,006.88	7,970.46	9,729.57	5,900.00	9,610.82	2,809.27	84,032.84
Adair	4,875.84	8,977.26	19,121.15	8,057.97	5,056.65	3,856.40	325.00	42,750.07
Allamakee	21,700.14	2,000.00	17,455.29	4,422.20	3,011.00	82.90	0,131.53	41,087.10
Appanoose	6,886.31	6,800.00	12,320.50	7,852.00	1,750.00	15,848.80	8,283.15	41,108.46
Ashtabula	1,000.00	1,000.00	1,000.00	1,000.00	1,000.00	1,000.00	1,000.00	1,000.00
Benton	20,435.74	4,286.82	9,076.60	7,117.51	1,670.51	15,570.70	4,074.00	62,039.31
Black Hawk	27,670.62	4,253.86	8,367.15	1,357.66	4,771.50	1,118.20	1,388.00	46,657.61
Boone	44,294.21	2,883.48	6,157.11	1,410.50	2,254.25	12,242.00	1,346.50	68,139.30
Bremer	30,742.81	3,672.49	14,385.71	2,664.06	4,908.00	732.96	300.80	50,801.46
Buchanan	1,000.00	1,000.00	1,000.00	1,000.00	1,000.00	1,000.00	1,000.00	1,000.00
Burlington	6,400.00	10,147.49	6,026.84	8,742.07	5,317.70	2,116.02	304.22	11,283.52
Butler	36,818.00	5,283.44	29,879.41	2,678.04	7,097.28	845.95	4,467.80	81,200.06
Cacumton	57,731.02	2,828.04	3,784.30	1,426.00	5,468.16	6,710.49	69,308.01	92,000.16
Cass	37,006.72	1,144.88	29,538.47	10,543.02	6,675.79	1,388.35	5,222.16	92,000.16
Cedar	21,867.22	2,883.80	2,883.80	1,860.00	1,166.18	8,145.86	73,602.27	100,000.00
Cherokee	41,343.97	577.00	2,974.20	3,346.35	2,491.47	1,552.20	2,287.00	54,084.55
Chickasaw	48,728.67	1,879.68	7,482.60	6,301.34	2,806.28	947.31	1,340.86	69,477.08
Clarke	13,436.42	8,391.97	22,817.07	3,106.00	1,418.72	218.70	115.00	47,082.29
Clayton	10,517.56	8,391.97	4,265.12	4,966.21	2,970.87	4,500.00	45.00	30,131.82
Clinton	44,926.37	1,345.85	4,398.03	5,443.45	386.34	5,549.12	1,020.00	69,023.70
Clinton	85,022.35	447.76	15,810.15	6,111.48	13,171.79	8,025.36	1,776.37	111,311.16
Crawford	18,749.04	5,085.03	54,062.03	9,688.14	5,840.84	1,769.27	10,540.12	118,315.42
Dallas	4,414.03	1,471.38	1,077.84	6,747.85	5,840.84	4,628.86	8,212.85	84,808.05
Davis	3,300.00	2,000.00	3,300.00	2,000.00	4,744.40	2,000.00	2,000.00	15,000.00
Decatur	2,000.00	2,000.00	2,000.00	2,000.00	2,000.00	2,000.00	2,000.00	10,000.00
Delaware	7,954.85	12,877.20	11,932.62	3,889.44	1,137.72	1,194.15	2,243.33	109,849.35
Des Moines	6,807.70	7,005.20	19,428.20	3,309.12	3,502.20	2,146.63	2,146.63	60,018.00
Dickinson	6,508.25	1,236.00	3,448.78	1,423.70	1,484.28	14.80	269.22	5,138.73
Dubuque	96,000.00	2,216.67	3,468.72	6,060.31	1,884.28	3,545.50	1,170.00	130,668.89
Dwight	1,000.00	1,000.00	1,000.00	1,000.00	1,000.00	1,000.00	1,000.00	1,000.00
Floyd	21,114.64	841.60	17,046.31	4,437.68	5,820.03	2,629.83	7,977.81	100,108.18
Franklin	12,297.38	829.54	3,273.45	2,437.20	9,192.65	5,216.26	2,204.76	43,108.18
Franklin	12,297.38	829.54	7,951.84	3,345.73	5,309.59	797.89	40.40	39,082.22

REPORT OF COUNTY ENGINEERS

Fremont	6,709.93	5,495.28	23,445.75	2,111.00	9,261.80	2,065.09	6,892.74	66,875.00
Greene	28,200.25	11,152.28	15,945.25	4,555.55	143.88	865.10	6,466.06	57,711.16
Grundy	8,740.53	19,032.31	5,225.00	1,980.46	6,039.78	2,205.65	1,478.49	74,553.72
Hamilton	9,102.25	9,965.54	11,648.74	1,106.80	1,106.80	1,106.80	1,106.80	39,392.46
Hancock	13,210.00	4,676.01	4,676.01	1,018.00	1,018.00	1,018.00	1,018.00	24,582.04
Harrison	49,051.17	5,679.00	15,789.80	1,600.76	11,556.40	2,001.00	928.01	57,028.30
Henry	14,710.86	27,827.87	2,482.27	2,065.99	5,345.99	2,001.00	1,350.10	38,007.41
Howard	1,200.00	1,200.00	1,200.00	1,200.00	1,200.00	1,200.00	1,200.00	1,200.00
Howell	1,200.00	1,200.00	1,200.00	1,200.00	1,200.00	1,200.00	1,200.00	1,200.00
Humboldt	1,200.00	1,200.00	1,200.00	1,200.00	1,200.00	1,200.00	1,200.00	1,200.00
Iowa	20,000.00	2,500.00	12,174.88	5,400.12	4,279.86	668.29	320.45	36,071.74
Jackson	20,000.00	2,500.00	12,174.88	5,400.12	4,279.86	668.29	320.45	36,071.74
Jasper	20,000.00	2,500.00	12,174.88	5,400.12	4,279.86	668.29	320.45	36,071.74
Jefferson	20,000.00	2,500.00	12,174.88	5,400.12	4,279.86	668.29	320.45	36,071.74
Johnson	44,000.00	2,602.63	17,145.54	6,719.18	9,576.70	5,667.11	14,376.24	81,106.71
Jones	25,257.58	2,070.84	20,314.41	2,206.18	7,286.17	1,521.26	14,226.20	55,000.18
Kossuth	17,858.80	1,314.88	2,447.40	1,000.00	1,000.00	1,000.00	1,000.00	21,582.80
Lee	129,225.80	23,046.82	448.85	32,002.05	1,879,560	1,288.54	2,714.74	64,458.10
Linn	21,000.00	6,800.00	44,482.40	2,792.19	948.52	782.17	4,263.51	59,648.78
Linn	21,000.00	6,800.00	44,482.40	2,792.19	948.52	782.17	4,263.51	59,648.78
Lyon	10,301.88	1,211.11	11,888.19	5,142.36	2,001.00	2,001.00	1,100.50	36,001.45
Mahaska	1,000.00	1,000.00	1,000.00	1,000.00	1,000.00	1,000.00	1,000.00	1,000.00
Marion	29,000.00	6,316.20	3,029.20	1,391.40	4,853.97	1,467.89	19,401.71	59,601.86
Marshall	9,473.73	3,372.76	6,921.64	4,768.82	4,768.82	513.49	692.70	33,097.70
Mills	19,307.80	3,212.57	28,023.67	4,028.53	5,402.40	2,001.00	1,100.50	36,001.45
Monroe	5,548.07	8,422.62	14,085.25	8,700.75	7,781.97	1,888.14	1,888.14	39,018.86
Montgomery	3,413.00	929.84	14,085.25	8,700.75	7,781.97	1,888.14	1,888.14	39,018.86
Montgomery	3,413.00	929.84	14,085.25	8,700.75	7,781.97	1,888.14	1,888.14	39,018.86
Osage	17,307.66	1,671.30	17,284.44	10,714.96	3,202.29	10,322.56	1,461.00	39,018.86
Osceola	35,885.51	17,307.66	2,082.10	6,423.78	11,270.84	3,188.56	2,462.55	82,771.91
Polk	17,307.66	17,307.66	12,204.12	6,217.69	1,066.19	1,066.58	3,766.02	29,218.49
Pocahontas	45,801.05	8,157.37	15,625.41	1,806.89	2,696.17	2,696.17	2,696.17	76,800.46
Pottawattamie	1,500.00	102,368.29	9,163.04	4,206.53	1,200.00	2,000.00	2,714.50	126,034.14
Preble	44,234.00	21,727.05	12,727.05	1,022.51	1,200.00	347.75	25.00	79,447.26
Rawls	52,961.12	2,006.26	10,571.84	1,022.51	2,006.26	634.57	2,006.26	63,447.26
Scott	6,628.00	2,308.02	5,554.42	2,308.02	5,405.43	8,200.00	8,200.00	32,714.79
Shellsburg	14,798.00	17,800.12	17,800.12	2,201.26	2,201.26	2,201.26	2,201.26	43,108.18
Sioux	25,574.18	9,268.81	8,269.55	12,086.82	8,676.34	11,280.57	8,269.55	73,381.79

SUMMARY TABLE NO. 4—(Continued)

County	Permanent Bridges and Culverts	Temporary Bridges and Culverts	Repair Work	Culvert Material Purchased for Township	Equipment and Unused Material	Filling Bridges and Culverts	Special Cases	Total
Story	41,228.03	203.20	9,841.79	2,817.29	330.46	1,167.50	1,647.30	57,336.76
Tama	73,701.96	3,646.64	21,650.70	6,737.93	5,945.82	4,497.34	2,784.89	118,005.30
Taylor	29,001.24	3,074.82	11,066.61	2,308.47	10,577.49	1,917.44	1,906.99	60,737.06
Union	3,315.18	6,492.21	2,733.57	10,325.75	6,652.78	641.94	1,087.48	30,468.86
Van Buren	14,652.07		29,350.35	1,790.00	4,108.55	4.40	932.42	47,898.79
Wapello	10,502.10	103.05	20,830.00	1,764.19	6,245.15	2,806.18	5,778.04	45,099.35
Warren	25,134.30	3,514.54	11,638.67	4,704.89	5,039.16	6,032.12	7,835.66	68,845.42
Washington	30,947.13	1,045.36	17,422.76	4,522.56	9,737.95	1,335.45		65,032.21
Wayne	14,850.85	7,119.18	1,360.43	4,095.53	10,330.55	95.70	6,678.18	44,671.42
Webster	35,437.42	3,537.01	7,851.94	3,656.72	144.77	423.78	1,805.98	52,914.52
Winnebago	2,875.84		3,457.95	978.30		63.95		8,607.37
Woodbury	6,718.53	2,205.19	15,240.55	2,388.52	1,296.07	1,067.05	1,331.25	90,747.16
Worth	27,115.37	19,371.43	21,417.21	5,154.95	7,081.27	1,828.30	10,455.43	92,453.90
Wright	30,151.80	2,800.24	1,847.20	1,654.87	490.80	53.35	476.42	37,664.08
	25,125.68	25.25	1,868.19	6,013.30	16.50		392.35	33,441.27
Totals	\$2,674,348.88	\$ 575,445.50	\$1,315,248.80	\$ 419,866.64	\$ 367,202.49	\$ 230,740.30	\$ 261,127.14	\$ 5,840,009.87

SUMMARY TABLE NO. 5

Classification of Permanent Bridges and Culverts Construction for Which Warrants were Issued in 1925—Primary, County and Township Roads—Annual Report of County Engineers.

County	Concrete Culverts	Head Walls Constructed and C/verts Lengthened	Concrete Slab Bridges	Concrete Abutments	Concrete Deck Cantilever	I-Beam Spans Concrete Abutments	Pony Truss Concrete Abutments	High Steel Trusses Concrete Abutments	Miscellaneous Permanent Bridges and Culverts	Total
Adair	\$ 21,007.40				\$ 2,108.10		\$ 16,921.34			\$ 40,036.84
Adams	4,875.34									4,875.34
Allamakee	2,042.39		\$ 804.00	\$ 602.50		\$ 12,961.97	3,604.07	\$ 425.00	\$ 2,407.81	21,700.14
Appanoose	945.54					5,084.32			966.66	6,986.51
Ashtabula		\$ 5,184.61								5,184.61
Benton	29,560.94			\$ 3,905.20		3,603.69				39,445.74
Black Hawk	7,849.83	1,949.29				10,231.39	7,640.11			27,670.62
Boone	15,671.37		9,818.11			2,951.60	15,781.10			44,224.21
Bremer	16,797.68	1,662.60	2,630.57				9,622.64			30,742.84
Buchanan	16,535.95			1,601.05			435.66		272.89	18,535.54
Buena Vista	4,995.78	829.10				803.79				6,628.67
Butler	6,800.15	287.50				9,235.00	12,664.51	7,708.50		26,818.66
Calhoun	20,321.85	1,671.33	3,310.74	262.78		9,739.25	15,365.64			50,731.62
Carroll	24,727.41						32,309.31			57,036.72
Cass	21,715.41	91.90								21,807.37
Cedar	17,841.64			4,370.68		2,100.00				24,308.32
Cerro Gordo	24,343.88	2,683.49					14,316.60			41,343.97
Cherokee	29,289.81	216.00				14,321.83	4,901.04			48,728.67
Chickasaw	6,771.82						6,064.69			13,436.42
Clarke	9,145.36	1,300.20								10,517.56
Clay	15,149.57	304.35		1,737.75		416.00	5,798.23			22,536.90
Clayton	25,232.65					13,183.52	6,509.00			44,926.17
Clinton	22,680.35	294.00				27,918.51	11,974.23	4,000.00	19,546.86	85,522.95
Crawford	10,957.38	546.00					7,245.46			18,749.04
Dallas	29,815.47	1,535.62	12,639.79	25.75						44,014.63
Davis	28,452.78									18,482.78
Decatur	4,518.37									4,518.37
Delaware	12,092.94				1,847.68					13,940.62
Des Moines	6,086.26					15,186.72	24,865.68	23,961.36		49,993.72
Dickinson	506.26					781.50				1,287.76
Dubuque	13,945.00		13,941.77	6,964.69	13,682.51	8,914.32	11,158.00	25,986.75		66,000.55
Emmet	4,364.53			154.35						4,518.88
Fayette	27,973.82	4,825.89	4,579.97		4,692.98		19,870.23			61,942.89
Floyd	16,840.12	576.86							1,068.92	17,485.90
Franklin	7,837.65		3,891.95			508.32				12,237.92

SUMMARY TABLE NO. 5—(Continued)

County	Concrete Culverts	Head Walls Constructed and C'verts Lengthened	Concrete Slab Bridges	Concrete Abutments	Concrete Deck Cantilever	I-Beam Spreads Concrete Abutments	Pony Truss Concrete Abutments	High Steel Trusses Concrete Abutments	Miscellaneous Permanent Bridges and Culverts	Total
Fremont	6,709.96									6,709.96
Greene	11,956.39	1,832.12				4,484.21	10,117.53			28,340.25
Grundy	16,434.84	326.00				16,064.69				33,745.53
Guthrie	30,120.31	91.92								30,212.23
Hamilton	5,254.06	324.00	4,701.20			16,655.00	5,928.80	1,458.00		24,011.66
Hancock	2,373.09					8,846.29				12,219.38
Hardin	29,559.82	391.33				744.03	3,939.11	15,334.20	482.27	49,651.77
Harrison	568.00			6,732.05					907.70	8,808.35
Henry	7,097.22	2,655.00				8,573.28				18,065.60
Howard	7,900.00					10,322.70				17,822.70
Humboldt	9,967.23	1,328.80				2,659.94	7,168.83			20,555.82
Iowa	12,137.08	1,709.12						7,421.07	1,210.73	22,478.00
Jackson										
Jasper	57,190.41	1,608.75	16,226.91			7,222.58	9,410.40			91,079.05
Jefferson	39,989.78	874.24				3,533.09				34,297.02
Johnson	17,056.56	384.00				4,815.44		21,961.00		44,088.00
Jones	12,755.77					4,667.34	8,334.47	500.00		26,257.58
Keokuk	34,759.69									34,759.69
Kossuth	1,309.49									1,309.49
Lee	4,145.23	1,746.04				5,544.45	6,149.98			17,585.80
Linn	72,331.65	3,965.41				10,468.17	26,000.22		15,767.33	129,338.80
Louisia	10,150.04									10,150.04
Lucas	7,246.88	2,955.10								10,201.98
Lyon	3,225.99		1,538.00			4,946.00	3,793.00			13,902.99
Madison	13,746.89	156.99								13,872.25
Mahaska	28,573.83	2,245.00				2,167.73				33,040.26
Marion	14,478.16	774.10				315.09	3,693.62		5,151.68	26,230.86
Marshall	8,968.50	427.44				67.56			9.83	9,473.73
Mills	6,053.40	1,021.80								7,077.20
Mitchell	1,695.98					9,377.51	8,734.40			19,807.89
Monona	5,437.37	90.70								5,548.07
Monroe	3,413.00									3,413.00
Montgomery	6,198.22	1,525.25								7,723.47
Muscataine	2,430.71	233.65								2,764.36
O'Brien	25,845.15	3,735.90				14,308.76	13,380.38			57,269.19
Oceola	2,225.69	411.30	4,232.40					8,068.00		14,807.30
Page	14,550.92	2,467.00							184.76	17,202.68
Palo Alto	7,238.02		3,200.42			150.89	9,279.87	16,029.14		33,898.91
Plymouth	16,940.62		2,266.00	5,156.64	7,315.31	8,181.95	648.93			28,513.07
Pocahontas							17,507.00			17,507.00
Polk	26,511.18	1,822.24								28,333.42
Pottawattamie	1,290.00									1,290.00
Poweshick	15,394.78					9,090.70	16,022.52			30,417.22
Ringgold	291.32	273.40								564.72
Sac	16,363.57	4,884.69		955.61		19,870.05	11,096.36			53,170.15
Scott	4,308.58	513.32					4,449.09			9,269.99
Shelby	13,111.29	1,682.49								14,793.78
Sioux	18,767.29	2,006.68				2,391.19				21,165.16
Story	3,813.70						7,408.78	30,697.57	10,148.28	41,928.03
Tama	36,259.93	3,694.97				12,735.90	10,872.80			73,563.60
Taylor	29,258.02	642.32								29,900.34
Union	1,073.62	1,286.56								2,360.18
Van Buren	14,303.91	352.16								14,656.07
Wapello	9,214.27	163.49				824.23				10,201.99
Warren	24,901.96	222.40								25,124.36
Washington	13,479.75	344.70	6,440.76			10,690.92				30,947.13
Wayne	14,390.85									14,390.85
Webster	8,196.55		4,742.70			2,928.24	19,654.87			35,422.32
Winnebago	1,215.91					1,661.94				2,877.84
Winnesiek	8,512.39			4,351.00		395.16	47,919.27	5,540.71		69,718.53
Woodbury	18,913.55	4,873.79	1,027.53	2,365.50		1,830.62	10,116.29			27,115.37
Worth	13,699.36	4,799.72				13,721.20			49.94	39,151.89
Wright	9,354.54									25,125.68
Total	\$1,340,029.64	\$ 85,868.06	\$ 97,201.91	\$ 40,754.08	\$ 38,973.64	\$349,869.02	\$490,733.15	\$170,994.90	\$ 60,206.58	\$2,674,348.88

SUMMARY TABLE NO. 10

Classification of Road Work—County Roads—Annual Report of County Engineers.

County	Construction	Maintenance	Special Cases	Total
Adair	\$ 498.44	\$ 31,271.01	\$ 1,256.10	\$ 33,025.55
Adams	21,359.41	1,817.25	1,817.25	25,033.91
Allamakee	25,665.82	7,139.34	32,805.16	32,805.16
Appanoose	31,113.56	4,591.59	28,705.15	4,591.59
Arundel	105.46	26,110.37	393.50	26,513.33
Benton	40,990.10	768.00	41,454.10	41,454.10
Black Hawk	46,302.58	17,022.81	6,115.69	69,441.08
Boone	35,302.52	19,142.30	4,595.41	58,951.24
Bremer	28,741.82	18,485.04	2,879.58	40,106.86
Buchanan	4,097.80	35,874.40	5,354.05	45,926.25
Buena Vista	2,141.23	29,835.81	8,791.21	41,068.25
Butler	9,060.80	36,861.39	1,866.31	47,311.41
Calhoun	56,378.34	39,049.29	15,312.49	91,740.03
Carroll	15,414.10	25,469.71	1,295.76	42,089.57
Cass	28,826.64	220.00	29,046.64	29,046.64
Cedar	44.30	19,595.78	100.63	19,515.78
Cerro Gordo	39,931.66	18,831.29	7,459.43	66,242.48
Cherokee	15,198.01	22,750.68	5,815.36	43,773.05
Chickasaw	15,502.67	13,988.44	2,440.63	31,931.74
Clarke	15,393.09	1,296.85	16,599.94	16,599.94
Clay	4,439.65	29,536.55	6,100.63	40,076.83
Clayton	51,496.61	4,405.20	55,901.81	55,901.81
Clinton	11,301.14	29,100.41	5,922.32	46,326.87
Crawford	14,428.14	29,870.51	2,907.34	47,005.99
Dallas	45,730.99	40,849.17	12,144.77	98,724.93
Davis	29,762.88	29,762.88	11,351.25	70,877.01
Decatur	156.44	22,044.79	6,103.11	28,304.34
Delaware	4,694.92	17,038.84	1,100.90	23,238.76
Des Moines	29,142.86	2,162.99	30,305.85	30,305.85
Dickinson	10,410.18	8,214.40	2,271.00	20,895.58
Dubuque	11,797.07	28,634.12	799.00	41,130.19
Emmet	11,314.13	7,924.73	1,812.00	21,050.86
Fayette	22,854.91	47,861.64	12,073.78	82,790.33
Floyd	21,397.50	15,216.54	2,553.69	39,167.73
Franklin	18,392.84	33,098.70	6,721.88	58,213.42
Fremont	21,961.75	1,969.01	23,930.76	23,930.76
Greene	16,021.18	26,289.83	793.60	43,704.61
Grundy	34,080.83	14,727.89	3,956.47	52,765.19
Guthrie	5,002.12	28,659.75	5,487.34	39,149.21
Hamilton	7,398.88	43,663.30	2,308.05	53,370.23
Hancock	19,645.93	19,645.93	6,317.19	45,609.05
Hardin	11,829.11	42,190.96	2,173.53	56,194.00
Harrison	449.27	11,065.15	4,201.70	16,156.12
Henry	24,745.80	5,965.03	30,410.83	30,410.83
Howard	3,601.54	28,141.87	667.11	32,410.52
Howell	44,798.96	29,739.18	67,455.84	67,455.84
Ia	25,964.30	12,130.21	3,459.12	41,549.63
Iowa	29,156.56	1,075.36	30,231.92	30,231.92
Jackson	18,038.70	238.62	18,277.32	18,277.32
Jasper	2,637.52	42,174.65	1,902.95	46,715.12
Jefferson	35,446.70	1,186.40	36,633.10	36,633.10
Johnson	5,600.74	46,007.85	1,986.48	53,595.07
Jones	32,182.22	564.89	32,747.11	32,747.11
Keokuk	29,946.09	2,672.29	33,618.38	33,618.38
Kossuth	13,379.08	17,650.95	13,745.17	44,775.20
Lee	17,060.85	30,197.04	1,247.14	48,505.03
Linn	48,856.35	63,821.66	2,873.10	115,551.11
Louis	4,024.09	18,066.26	638.60	23,300.95
Lucas	21,880.87	54,906.26	355.50	77,142.63
Lyon	21,880.87	10,104.88	3,305.07	35,290.82
Madison	18,066.61	2,828.50	20,895.11	20,895.11
Mahaska	15,375.83	27,056.90	835.27	43,268.00
Marion	29,984.56	1,825.38	31,789.94	31,789.94
Marshall	14,500.72	22,152.39	5,161.92	41,815.04
Mills	24,388.72	4,917.75	28,256.47	28,256.47
Mitchell	6,748.34	33,093.61	4,015.07	43,857.02
Monona	12,829.44	18,206.59	4,274.28	35,310.31
Monroe	22,288.23	2,049.60	24,337.83	24,337.83
Montgomery	3,811.76	23,810.47	4,381.47	32,003.70
Muscatine	3,214.33	30,330.89	4,424.57	37,970.79
O'Brien	41,124.72	19,324.85	590.00	61,049.57
Oceola	11,324.66	8,884.28	5,764.48	25,973.42

SUMMARY TABLE NO. 10—(Continued)

County	Construction	Maintenance	Special Cases	Total
Page	5,815.19	22,648.34	11,919.47	40,383.00
Palo Alto	23,982.24	21,106.47	21,034.74	66,123.45
Plymouth	8,201.17	32,387.13	7,369.96	48,211.96
Polk	8,121.00	26,296.83	4,430.67	42,811.42
Pocahontas	83,091.47	68,357.62	8,663.67	160,202.76
Pottawattamie	59,189.98	2,733.65	52,923.63	52,923.63
Potosi	38,471.45	4,988.56	43,460.01	43,460.01
Ringgold	19,084.17	317.25	20,301.42	20,301.42
Sac	22,325.15	8,311.45	70,321.78	100,958.38
Scott	29,479.18	44,211.05	1,949.00	75,639.23
Shelby	29,146.27	919.27	31,065.54	31,065.54
Sioux	38,515.08	2,658.12	41,173.20	41,173.20
Story	42,036.03	21,834.22	3,703.11	67,573.36
Tama	5,267.80	36,131.98	4,245.12	45,644.90
Taylor	24,911.92	1,496.73	26,408.65	26,408.65
Union	17,987.58	129.00	17,858.58	17,858.58
Van Buren	24,526.41	84,479.19	2,867.02	111,872.62
Wapello	29,698.82	2,177.01	32,785.83	32,785.83
Warrick	42,589.52	4,189.71	46,779.23	46,779.23
Washington	15,331.23	10,329.50	26,621.22	26,621.22
Wayne	33,564.89	28,516.32	6,209.50	68,290.71
Webster	19,827.60	11,221.61	498.06	31,547.27
Winnebago	21,739.27	19,756.46	3,991.00	45,486.73
Winnesiek	60,673.04	59,934.79	9,824.20	130,432.03
Woodbury	24,492.45	8,039.49	2,341.73	34,873.67
Worth	14,470.45	777.70	60,271.53	77,519.68
Wright	45,023.38			45,023.38
Total	\$1,232,647.06	\$2,683,723.50	\$ 274,600.91	\$ 4,311,239.57

SUMMARY TABLE NO. 11
Classified Road Expenditure—Construction County Roads—Annual Report of County Engineers.

County	Finished Grade Standard Section		Gravel, Macadam and Sand Clay Surfacing		Tilling and Drainage Assessments	Equipment and Tools	Total Expenditure
	Miles Built	Total Warrants Issued	Miles Built	Total Warrants Issued			
Adair					\$ 408.44		\$ 408.44
Adams							
Allamakee							
Appanoose							
Audubon					105.46		105.46
Benton							
Black Hawk	18.00	\$ 27,875.79	11.50	\$ 15,580.22	2,847.57		46,303.56
Boone			21.75	34,138.21	1,164.32		35,302.53
Bozeman	3.50	18,500.00			4,880.45	271.38	23,741.83
Buchanan			12.75	4,026.80			5,488.89
Buena Vista		1,491.02			1,039.31		2,441.22
Butler	2.75	1,742.98	5.50	6,230.29	1,043.43		9,060.80
Calhoun	9.00	4,800.71	48.75	49,084.03	1,195.09	1,208.51	56,278.34
Carroll	3.00	4,196.71	11.50	19,710.15	597.34		15,414.10
Cass							
Cedar					44.89		44.89
Cerro Gordo	5.19	11,172.66	14.40	22,779.68	5,982.32		39,934.66
Cherokee	7.37	8,225.52	12.00	6,008.04	304.45		15,198.01
Chickasaw	11.00	10,027.51	4.50	3,806.11	1,009.05		15,502.67
Clarke							
Clay	3.75	3,830.18	.50	382.97	12.00	1.00	4,416.65
Clayton							
Clinton	4.00	19,128.82	4.00	1,007.82	67.50		11,304.14
Crawford	4.80	12,022.15			1,415.99		14,438.14
Dallas	13.35	34,219.76	13.00	4,987.00	6,574.14		45,780.90
Davenport							
Decatur					146.44		146.44
Delaware	2.50	4,551.96			52.90		4,604.92
Des Moines							
Dickinson	19.00	9,635.06			309.89	465.21	10,410.15
Dubuque	4.45	8,779.89	1.00	3,197.78			11,977.67
Emmett		167.90	19.40	11,146.22			11,314.12
Fayette	7.40	19,270.13	8.20	10,611.49	873.48	1,000.81	22,524.91
Floyd	11.50	19,747.45	13.25	12,904.88		1,205.31	33,907.59
Franklin			18.10	17,388.09	1,199.12	5.63	19,592.84
Fremont							
Greene			11.00	14,126.54	2,463.84	30.80	16,621.18
Grundy	5.00	10,179.91	10.75	11,644.05	2,632.87	624.00	34,080.68
Guthrie			4.00	4,068.51	338.61		5,006.12
Hamilton	2.60	1,292.85	.00		5,263.73		7,558.58
Hancock	7.50	12,373.55			5,109.18		17,482.73
Hardin	1.77	5,770.52	7.47	5,916.39	142.29		11,829.11
Harrison					449.27		449.27
Henry							
Howard					2,501.00	39.85	2,540.85
Humboldt	4.75	9,282.40	22.75	31,709.30	3,232.72	483.94	44,708.36
Ida	11.96	25,964.39					25,964.39
Iowa							
Jackson							
Jasper	.50	2,665.87	1.50	406.84	73.82		2,667.83
Jefferson	1.00	4,099.24	.48	1,501.50			5,000.74
Johnson							
Jones							
Keokuk							
Kossuth							
Lake	1.90	967.80	6.00	11,135.01	383.33	522.92	13,279.08
Linn	11.00	43,379.98	1.00	2,923.34	297.55	2,735.53	17,690.85
Louis					2,552.05		48,269.35
Louisiana					1,411.08		4,024.09
Lucas							
Lyon	1.15	1,378.12	17.65	19,121.00	1,309.05		21,806.17
Madison							
Mahaska	1.50	1,656.25	6.60	15,682.74		36.84	15,375.83
Marion							
Marshall	12.63	10,492.14	14.15	3,992.16	41.10	71.32	14,596.72
Mills							
Mitchell	2.25	5,303.45	2.25	876.70	506.18		6,748.34
Monk	7.95	12,839.44					12,839.44
Monroe							
Montgomery						361.76	361.76
Muscatine	.18	953.80	2.85	1,936.53	25.00	309.00	3,214.33
O'Brien	12.21	18,281.57	18.60	21,819.29	924.55		41,134.72
Osceola	2.39	487.63	.55	714.28	9,922.74		11,224.65
Page	.50	2,612.70				3,392.49	5,815.19
Palo Alto		3,521.74	19.50	17,856.37	2,584.13		23,962.24
Plymouth	3.53	8,302.17					8,302.17
Pocahontas	4.00	960.87	.00		891.04	6,806.59	8,123.90
Polk	12.15	59,467.04	19.72	29,490.29	3,124.04		82,081.47
Pottawattamie							
Poweshiek							
Ringgold							
Sac	20.50	28,266.22			1,218.90		29,475.12
Scott							
Shells							
Sioux							
Story	1.00	6,919.11	14.50	31,510.06	4,268.28		42,688.65

SUMMARY TABLE NO. 11—(Continued)

County	Finished Grade Standard Section		Gravel, Macadam and Sand Clay Surfacing		Tiling and Drainage Assessments	Equipment and Tools	Total Expenditure
	Miles Built	Total Warrants Issued	Miles Built	Total Warrants Issued			
Tama	3.00	5,181.61			86.28		5,267.89
Taylor							450.00
Union							33,654.80
Van Buren							19,827.06
Wapello							21,759.27
Warren							90,673.64
Washington							24,422.45
Wayne							45,023.28
Webster							450.00
Winneshiek	4.05	7,711.69	3.75	4,790.04	7,325.93		19,827.06
Woodbury	2.35	21,426.47			372.80		21,799.27
Worth	16.00	54,004.01	2.50	5,979.63			60,073.64
Wright	5.10	11,400.66	4.50	10,177.32	2,565.98	250.00	24,422.45
		22.29	36.00	44,027.84	914.05	30.20	45,023.28
Total	291.48	\$ 506,679.63	487.80	\$ 537,687.63	\$ 105,155.90	\$ 13,131.50	\$ 1,252,647.06

SUMMARY TABLE NO. 12

Showing Cost of Maintenance—County Roads—Annual Report of County Engineers.

County	Miles County Road System	Patrol			Gang			Equipment and Tools			Total Cost Maintenance	Average Cost Per Mile
		Earth	Gravel	Paving	Earth	Gravel	Paving	Earth	Gravel	Paving		
Adair	114.30	\$ 7,816.83			\$ 15,110.20			\$ 8,343.96			\$ 31,271.01	274
Adams	106.66	13,065.87			3,172.24			5,111.30			21,359.41	200
Allamakee	107.50	13,506.57			4,277.66			7,882.39			25,665.82	239
Appanoose	119.75	30,444.88			16,558.88			7,109.80			34,113.56	285
Audubon	96.90	16,338.48			12,375.81			3,473.08			26,110.37	269
Benton	155.00	25,945.84			6,085.22			5,705.04			37,736.10	243
Black Hawk	127.75	9,337.86	\$ 5,714.82		287.50			699.66		1,051.97	40,686.19	322
Boone	118.25	839.99	10,176.73		4,706.61			996.73	2,473.33		17,052.81	143
Bremser	70.24	7,489.96	1,415.75		2,255.47			3,345.02	87.84		19,143.39	162
Buchanan	133.00	4,022.47	8,297.47		3,944.26	\$ 15,399.38		6,313.09	577.73		35,874.40	272
Butler	145.00	20,145.12	2,005.33		14,927.68				4,319.39		29,835.81	203
Calhoun	108.00	972.95	11,251.47		1,191.16	3,040.68		1,203.29	2,789.65		30,042.39	186
Carroll	122.00	10,206.18	2,830.39		5,505.22	4,076.97		2,711.75	129.80		25,400.71	206
Cass	87.60	11,307.01			13,286.31			4,236.32			28,836.64	377
Cedar	76.50	10,351.03			5,728.48			7,065.34	21.72		36,861.30	480
Cerro Gordo	112.04	4,458.30	7,023.90		2,373.85		\$180.00	451.33	3,270.51	8.00	20,042.39	186
Cherokee	128.50	9,412.61	901.60		3,248.20	768.95		6,509.72	1,920.60		22,770.68	177
Chickasaw	116.00	2,237.03	1,120.39		3,021.57	2,562.53		2,636.12	1,860.80		13,968.44	121
Clarke	80.00	4,545.02			8,101.40			2,746.07			15,803.00	192
Clay	126.35	385.70	21,979.35		75.20	5,966.75			689.55		29,539.55	234
Clinton	134.90	20,357.62			9,453.85			21,705.24			51,496.61	383
Clyton	139.00	13,904.59	1,379.18		6,312.89	708.18		7,258.67			29,160.41	228
Crawford	75.60	10,981.14			10,193.93			8,065.44			39,570.51	295
Dallas	124.85	3,974.16	16,478.63	\$ 27.39	2,007.58	337.76		14,137.98	3,685.67		40,849.17	327
Davis	126.85	14,716.59			7,360.66			7,065.69			29,762.38	235
Decatur	133.82	15,067.12			9,585.59			8,011.74			32,944.70	266
Delaware	142.20	5,683.14	4,443.60		1,773.41	301.60		1,453.24			17,329.84	123
Des Moines	47.75	16,885.62			1,205.69	1,984.70		3,624.44	475.35		29,142.86	610
Dickinson	70.60	2,985.36	4,387.11		6,373.65			890.31	461.62		8,214.40	116
Dubuque	91.65	8,317.34	2,025.00		5,823.65			8,308.13	3,050.60		28,694.12	312
Emmet	63.25	7,319.73	6,465.22		2,052.84	705.81		725.70			7,924.73	125
Fayette	126.50	4,779.34	3,622.84		1,581.05	48.02		2,847.13	7,539.50		47,861.64	378
Floyd	96.80	9,541.73	13,014.22		961.38	2,302.15		3,624.44	1,550.85		15,216.54	158
Franklin	161.75	16,738.75			4,529.00			2,791.37	4,007.74		32,008.79	204
Fremont	122.00							702.00			21,994.73	180

SUMMARY TABLE NO. 12—(Continued)

County	Miles County Road System	Patrol			Gang			Equipment and Tools			Total Cost Maintenance	Aver- age Cost Per Mile
		Earth	Gravel	Paving	Earth	Gravel	Paving	Earth	Gravel	Paving		
Greene	66.00	3,331.55	6,848.02	4,143.02	7,025.89	2,021.81	2,318.94	26,289.83	308			
Grundy	130.00	6,535.55	1,448.00	3,374.71	929.12	1,509.32	840.00	14,727.80	123			
Guthrie	126.50	15,927.07	704.48	9,148.27	155.00	2,774.78		28,609.75	227			
Hamilton	134.40	842.83	11,237.81	1,029.86	23,754.39	572.71	5,235.70	43,983.30	317			
Hancock	113.50	11,707.15	1,894.17	4,694.85		984.30	233.43	19,508.93	172			
Hardin	126.05	11,031.24	8,715.52	4,531.04	2,097.33	9,150.41	5,665.42	43,133.00	335			
Harrison	92.50	9,501.11		1,931.79		12.25		11,505.15	124			
Henry	106.00	12,764.50		6,719.22		5,202.08		24,745.80	238			
Howard	76.68	9,521.77	998.98	9,557.57	926.37	4,930.44	2,278.67	28,141.80	307			
Humboldt	104.10	1,638.20	5,570.83	135.00	13,749.31	214.44	1,421.40	27,729.18	134			
Ia	90.35	9,497.66	41.00	1,276.28		1,315.57		19,130.21	200			
Iowa	112.00	10,833.57		3,306.11		9,113.87		30,155.52	290			
Jackson	82.75	5,094.05		8,212.89		4,731.16		18,688.70	225			
Jasper	108.25	36,140.38	84.75			15,949.54		42,174.65	251			
Jefferson	103.00	10,094.22		7,130.15		17,627.33		35,446.70	344			
Johnson	119.35	10,310.31	378.07	16,233.61		10,288.86		46,007.85	415			
Jones	142.00	15,331.84	1,179.82	7,330.18	87.36	8,390.40		32,132.22	237			
Keokuk	117.00	11,584.04		16,226.00		3,125.90		30,946.00	304			
Kossuth	191.00			3,006.31	9,249.03	983.98	4,331.68	17,500.95	92			
Lee	92.50	20,255.98	4,838.49		2,845.46	1,150.60	1,007.45	30,197.04	320			
Linn	129.00	47,165.41	12,300.34			3,721.91	665.00	63,821.60	405			
Louis	70.50	10,355.62		5,075.19		2,667.45		18,088.26	237			
Lucas	107.00	12,501.53		7,466.24		4,965.49		24,938.26	223			
Lyon	125.90	3,228.11	3,755.46	800.96	65.57	1,241.62	1,013.13	10,104.86	80			
Mallison	131.75	8,934.56		6,797.94		2,334.11		18,006.61	137			
Manitowish	89.00	9,643.56	1,620.50	7,020.19		8,872.16	400.34	27,556.90	310			
Marion	102.50	13,676.86		9,900.86		7,397.84		29,954.56	292			
Marshall	107.02	9,829.34	2,970.07	3,219.41	8,069.83	1,845.13	1,680.53	22,153.30	182			
Mills	86.00	11,571.89		8,623.48		4,143.33		24,338.72	233			
Mitchell	82.70	5,200.09	2,706.95	9,622.89		5,073.06	1,233.02	23,930.61	200			
Monona	97.85	7,875.08		2,181.35		8,150.16		18,206.50	190			
Montgomery	122.00	9,009.14		10,237.14		2,332.05		23,288.33	183			
Monroe	78.75	13,738.67		7,549.55		2,668.23		22,816.47	314			
Muscatine	57.62	8,539.55	456.31	1,454.96		16,383.24	3,504.80	30,290.86	526			
O'Brien	121.75	8,484.06	1,700.45	2,366.30		5,970.83	743.23	19,324.85	150			
Osceola	98.30	2,110.33	1,906.38	2,450.27	326.44	1,579.32	850.94	8,884.28	95			
Page	125.71	13,104.07		2,719.30		6,834.37		22,648.34	180			
Palo Alto	138.50	1,561.59	11,300.00	3,032.25	2,486.90	33.80	2,598.95	21,106.47	155			
Plymouth	119.75	18,837.96		7,246.83		6,435.34		32,597.14	272			
Pocahontas	120.50	1,402.35	20,122.59		420.98	28.00		26,296.50	218			
Polk	219.00	17,321.80	33,096.91	5,580.96	4,294.92	5,900.00	4,282.00	66,587.62	313			
Pottawattamie	304.50	31,910.30		8,033.32		19,246.30		50,189.98	245			
Poweshiek	99.00	29,785.98		4,292.03		12,785.42		38,474.45	427			
Ringgold	132.00	11,243.73		6,963.32		1,775.12		19,984.17	131			
Sac	79.26	1,991.28	14,719.32	67.68	12,928.54	1,001.05	1,767.05	32,535.15	410			
Scott	86.79	5,978.78	1,301.34	14,335.17	2,420.25	15,091.22	5,276.29	44,411.05	509			
Shelby	114.30	15,486.80		3,749.30		2,010.17		29,146.27	176			
Sioux	162.25	4,100.40	1,308.07	5,138.00		27,309.72	328.80	38,515.08	226			
Story	144.00	4,218.94	8,761.70	1,117.27	2,749.44	3,400.75	1,586.12	21,834.22	152			
Tama	141.00	22,890.80		4,136.38		9,065.80		36,131.98	226			
Taylor	143.25	22,094.68		2,065.74		715.50		24,911.92	174			
Union	100.00	9,083.84		5,144.02		3,439.72		17,667.58	164			
Van Buren	108.75	10,538.11		5,918.46		8,069.84		24,528.41	229			
Wapello	114.50	18,904.29		7,211.05		14,362.95		40,470.19	354			
Warren	107.37	15,388.08		4,477.74		743.00		20,608.82	191			
Washington	108.07	11,923.85		17,771.24		13,288.41		42,039.50	394			
Wayne	124.00	13,773.82		1,262.93		463.48		15,531.23	123			
Webster	118.55	10,122.13	6,908.07	5,973.35	118.79	3,753.34	1,872.93	28,516.32	241			
Winnebago	97.80	5,226.49	1,031.07	1,305.96	1,860.78	889.85	900.45	11,921.61	123			
Winneshiek	119.73	7,088.97	1,100.49	9,657.48		1,880.02	29.00	19,756.46	163			
Woodbury	118.45	10,866.54	2,886.17	9,193.02	725.97	26,519.39	754.70	50,934.79	430			
Worth	53.00	994.17	555.50	3,059.78	1,441.00	1,083.97	903.92	5,028.40	152			
Wright	131.85	2,005.41	10,896.84	217.68	323.08	338.44		14,479.45	110			
Totals	11,283.78	\$1,067,990.15	\$332,601.85	\$ 27.39	\$322,272.33	\$160,003.46	\$100.00	\$229,983.40	\$100,807.11	\$ 8.50	\$2,683,723.50	\$ 238

SUMMARY TABLE NO. 13

Showing Miscellaneous Items County Expenditures Special Cases—Annual Report of County Engineers.

County	R. R. Crossing Improved		Gravel Pit Purchased		Right of Way	Channel Changes	Miscellaneous	Total Special Cases
	No.	Cost	No.	Cost				
Adair					\$ 122.10	\$ 861.27	\$ 422.73	\$ 1,386.10
Adams					185.00			185.00
Allamakee	1	\$ 677.00			792.50	219.60	5,490.24	7,169.34
Appanoose					4,484.54		107.60	4,592.14
Audubon					302.50			302.50
Benton					768.00			768.00
Black Hawk	6	\$ 6,622.54			1,149.59		1,322.65	8,104.78
Boone	1	2,600.00			150.00		1,755.41	4,505.41
Bremmer	2	600.00			234.99		2,044.99	2,879.98
Buchanan	2	2,900.58			114.00		3,342.07	6,354.65
Buena Vista	2	1,547.66			1,748.41	366.50	2,339.24	5,791.21
Butler							1,886.31	1,886.31
Calhoun			13,632.65		135.00		1,544.49	15,312.14
Carroll					761.41		445.35	1,206.76
Cass					229.00			229.00
Cedar					288.75	319.47		608.22
Cerro Gordo	4	\$ 3,363.50			1,307.60		2,608.33	7,279.43
Cherokee	1	301.00			928.00		4,586.36	5,815.36
Chickasaw	3	862.85			577.00		1,000.78	2,440.63
Clarke					1,206.85			1,206.85
Clay	4	\$ 3,534.77			214.50		2,351.86	6,100.63
Clayton					1,834.50		4,406.30	6,240.80
Clinton			170.00		5,732.32		5,922.32	6,092.32
Crawford					1,759.75		946.50	2,706.25
Dallas					5,568.17	364.40	5,982.39	12,114.96
Davis					1,275.50	305.95		1,681.45
Deaatur					2,582.81	1,700.00	1,815.24	6,108.11
Delaware					1,100.00			1,100.00
Des Moines					101.68		1,661.01	1,762.69
Dickinson					971.65	396.80	993.15	2,361.60
Dubuque					799.00			799.00
Emmet	1	\$ 1,212.00			300.00			1,512.00
Fayette	1	\$ 154.60			1,292.32	345.83	9,212.41	12,079.78
Floyd	1	117.82			1,800.00		285.71	2,203.53
Franklin	1	250.00			1,264.12		5,215.71	6,729.83
Fremont					692.86	667.15		1,360.01
Greene	1	350.00					443.00	793.00
Grundy					745.74	1,978.08	1,631.75	3,355.57
Guthrie	1	136.00			4,600.04	30.90	648.30	5,485.24
Hamilton					382.35		1,025.80	1,408.15
Hancock	3	\$ 2,680.00			1,768.58		1,968.61	6,317.19
Hardin					109.65		2,064.28	2,173.93
Harrison					1,948.20		3,153.50	4,301.70
Henry					1,825.00		4,140.00	5,965.00
Howard					55.00		612.11	667.11
Humboldt					125.00			125.00
Ia					2,876.57	581.55		3,458.12
Iowa					1,072.36			1,072.36
Jackson					397.62		81.00	478.62
Jasper					869.60		1,033.28	1,902.88
Jefferson					1,000.00	78.40		1,078.40
Johnson	1	\$ 311.60			1,635.88	89.00		1,996.48
Jones					564.80			564.80
Keokuk					472.30		2,190.00	2,662.30
Kossuth	14	\$ 13,742.34			100.00		92.80	13,935.14
Lee					1,247.14			1,247.14
Linn					2,342.83		530.27	2,873.10
Louis					635.00			635.00
Lucas					355.50			355.50
Lyon	2	\$ 1,500.00			85.00		1,717.97	3,302.97
Madison					2,828.50			2,828.50
Mahaska	1	517.77			117.50			635.27
Marion					1,335.78	86.60	400.15	1,822.53
Marshall					820.56		4,341.30	5,161.86
Miller					203.50		3,624.25	3,827.75
Mitchell	1	375.00				183.85	3,456.22	4,015.07
Monona					2,512.30		761.48	3,273.78
Monroe					2,040.00			2,040.00
Montgomery	1	160.20			2,602.42		1,319.82	4,182.44

SUMMARY TABLE NO. 13—(Continued)

County	R. R. Crossing Improved		Gravel Pit Purchased		Right of Way	Channel Changes	Miscellaneous	Total Special Cases
	No.	Cost	No.	Cost				
Muscatine					669.40		3,764.17	4,433.57
O'Brien			1	200.00	225.50	50.00	114.50	560.00
Osceola			3	3,763.16	2,001.32		5,764.48	11,530.47
Page					6,467.02	3,496.66	1,313.79	11,277.47
Paio Alto			4	5,879.10	113.25	937.40	3,784.89	10,734.74
Plymouth					3,678.14	3,687.52		7,365.66
Pocahontas	8	\$ 3,709.41			552.40		4,058.80	8,420.67
Polk					2,068.87	1,040.28	5,574.52	8,683.67
Portsmouth					494.50	535.05	1,943.20	2,972.75
Posey					1,492.10	289.50	3,176.55	4,958.15
Ringgold					317.25			317.25
Sac	1	\$ 1,689.00			3,500.00	873.70	2,398.72	8,511.42
Scott					1,000.00	171.63	727.97	1,949.60
Shelby					351.42		867.85	1,219.27
Sioux					168.77	71.33	2,480.00	2,719.10
Story	6	\$ 1,371.00			1,040.42		1,291.69	3,703.11
Tama					2,328.75		516.50	2,845.25
Taylor					357.95	1,138.08		1,496.03
Union					129.00			129.00
Van Buren								
Wapello					758.51	566.85	1,961.66	2,887.02
Warren					2,141.91		36.00	2,177.91
Washington					2,185.73	1,845.89	108.00	4,139.71
Wayne					865.00		9,574.99	10,439.99
Webster	4	\$ 1,742.56					4,458.24	6,200.80
Winnebago							895.55	895.55
Winneshiek					3,700.80		290.20	3,991.00
Woodbury					5,723.64		4,190.56	9,914.20
Worth					818.75	100.00	1,422.38	2,341.13
Wright	1	\$ 600.00			125.00		52.70	777.70
Totals	3	\$ 820.19	82	\$75,678.42	\$123,558.90	\$23,114.86	\$151,696.55	\$374,860.01

SUMMARY TABLE NO. 14

Progress and Condition Report—County Road System—Annual Report of County Engineers.

County	Construction Completed in 1924			Condition of County Road System January 1, 1925				Total Miles in County System
	Built to Permanent Grade	Gravel, Macadam or Sand Clay	Paved	Not Built	Permanent Grade Not Surfaced	Gravel, Macadam or Sand Clay	Paved	
Adair				113.31	1.00			114.30
Adams				106.66				106.66
Allamakee				96.50	9.25	1.75		107.50
Appanoose				117.75	2.00			119.75
Audubon				95.40	3.00			98.40
Benton				135.00				135.00
Black Hawk	18.00	11.50		67.25	6.50	34.00		117.75
Boone		21.75		10.25		108.00		119.00
Bremer	3.50			42.39	16.10	11.75		70.24
Buchanan		12.75		139.25		12.75		152.00
Buena Vista						111.50		111.50
Butler	2.75	5.50		129.00		15.00		146.00
Calhoun	9.00	48.75			17.00	51.00		108.00
Carroll	3.00	11.50		169.60	5.00	17.00		192.00
Cass				76.50				76.50
Cedar				80.70	5.24	1.66		87.00
Cerro Gordo	5.40	14.49		47.93	4.15	50.50	.74	112.64
Cherokee	7.37	12.00		64.88	47.42	19.59		128.50
Chickasaw	11.00	4.50		37.75	34.25	44.00		116.00
Clarke				80.00				80.00
Clay	3.75	.50		8.00	8.50	111.83		126.33
Clayton				131.50		7.00		138.50
Clinton	4.00	4.00		88.08	25.13	14.79		128.00
Crawford	4.80			10.02	65.58			75.60
Dallas	13.35	13.00		30.40	13.85	80.35	.25	124.85
Davis				126.85				126.85
Decatur				139.82				139.82
Delaware	2.50			164.20	2.50	35.00		142.20
Des Moines				42.00	5.75			47.75
Dickinson	19.00			19.60	10.00	41.00		70.60
Dubuque	4.45	1.00		78.70	4.45	8.50		91.65
Emmet		19.40		125		63.00		83.25
Fayette	7.40	8.20		116.30	8.20	8.20		129.50
Floyd	11.50	13.25		38.20	8.55	49.55		96.30
Franklin		18.10		78.25	4.75	78.75		161.75
Fremont				122.00				122.00
Greene		11.00		11.00		55.00		66.00
Grundy	5.00			79.25		39.00		118.25
Guthrie		4.00		129.25	3.25	3.00		135.50
Hamilton	2.50	.60		26.00	5.00	163.40		134.40
Hancock	7.50			67.70	59.50	16.30		113.50
Hardin	1.77	7.47		41.92	27.45	54.66		126.02
Harrison				94.50				94.50
Henry				106.00				106.00
Howard				65.18	2.50	9.00		76.68
Humboldt	4.75	22.75		29.20	2.30	72.60		104.10
Iowa	11.00			65.53	24.57	.25		90.35
Jackson				109.75	5.25			115.00
Jasper	.50	1.50		150.50	12.00	5.25		168.25
Jefferson				103.00				103.00
Johnson	1.00	.48		100.97	7.54	2.32		110.83
Jones				139.00		3.00		142.00
Keokuk				112.62	4.37			117.00
Kossuth		6.00		25.00	27.00	139.00		191.00
Lee	1.00	1.33		82.50	1.00	9.00		92.50
Linn	11.00	1.00		78.14	11.25	39.61		129.00
Louis				58.19	10.81	1.50		70.50
Lucas				107.00				107.00
Lyon	1.15	17.65		78.25	11.50	30.15		125.00
Madison				131.00	.75			131.75
Mahaska	1.50	6.00		73.50	2.00	13.10		89.00
Marion				98.11	4.00			102.11
Marshall	12.63	14.15		115.67	7.90	43.45		167.02
Mills				86.00				86.00
Mitchell	2.25	2.25		65.10		17.60		82.70

SUMMARY TABLE NO. 14—(Continued)

County	Construction Completed in 1924			Condition of County Road System January 1, 1925				Total Miles in County System
	Built to Permanent Grade	Gravel, Macadam or Sand Clay	Paved	Not Built	Permanent Grade Not Surfaced	Gravel, Macadam or Sand Clay	Paved	
Monona	7.95			89.90	7.95			97.85
Monroe				122.00				122.00
Montgomery				74.90	.85			75.75
Muscatine	.18	2.85		26.83	18.41	12.30		57.63
O'Brien	13.21	18.00		71.25	22.50	28.00		131.75
Osceola	2.30	.55		55.50	24.20	13.60		93.30
Page	.50			125.51	.50			125.71
Palo Alto		19.50		10.50	18.50	107.50		136.50
Plymouth	3.53			98.24	20.03	.58		119.75
Pocahontas	4.00	.69		69.45	22.00	97.05		126.50
Polk	12.15	19.72		66.85	20.35	130.85		219.00
Pottawattamie				204.50				204.50
Poweshiek				88.66	1.34			90.00
Ringgold				152.00				152.00
Sac	30.50				20.54	58.72		79.26
Scott				39.32		23.14		62.46
Shelby				113.37	.83			114.50
Sioux				153.93	.32	9.00		163.25
Story	1.00	14.50		36.00	19.00	99.00		144.00
Tama	3.00			129.25		11.75		141.00
Taylor				143.37	.88			144.25
Union				109.00				109.00
Van Buren				108.75				108.75
Vassello				113.50		1.00		114.50
Warren				107.87				107.87
Washington				107.57	.50			108.07
Wayne				124.00				124.00
Webster	.50	25.50		61.50		57.05		118.55
Winebag	4.05	3.75		56.75	9.05	32.00		97.80
Winnebago	2.35			111.00	4.25	3.88		119.43
Winneshek				99.20	31.88	17.07		148.15
Woodbury	16.00	2.50		60.00	2.00	30.00		99.00
Worth	5.10	4.50		31.00	2.00	20.00		63.00
Wright		30.00		13.00	7.00	106.85		131.85
Total	291.48	457.80		7,966.56	824.55	2,500.66	1.99	11,288.76

SUMMARY TABLE NO. 15

Showing Secondary Road District Petitioned for, Established, Mileage Graveled and Average Cost, January 1, 1925—
Annual Report of County Engineers.

County	Sec. Road Dist. Pet. for	Total Mileage to be Improved		No. Sec. Road Dist. Est.	Total Mileage to be Graveled		Mileage Graveling Contracted		Mileage Graveling Completed		Ave. Width Asst. Dist. Miles	Ave. Cost Per Mile Work Completed	Average Assessment Per Acre					
		County	Twp.		Co.	Twp.	Co.	Twp.	Co.	Twp.			1st 40	2nd 40	3rd 40	4th 40	5th 40	6th 40
Black Hawk	2	9.25		3	11.00		11.00		7.00		3.00	\$ 1,325.00	.50	.40	.29	.23	.20	.12
Boone	28	27.25	54.50	20	17.25	48.50	17.25	29.00	17.25	29.00	1.00	1,560.00	.80	.45				
Buchanan			25.00	15		42.25		2.00		2.00								
Buena Vista	17		14.50	6	30.00	14.50	10.00	14.50		14.50	1.00	1,350.00	.65	.52				
Calhoun	6	10.00		6	18.00		13.00		10.00	14.50	2.00	1,485.70	.69	.34	.19	.09		
Cerro Gordo				2	18.00		13.00		15.00		3.00	1,600.00	.58	.42	.28	.20	.13	.08
Clay	22	.25	37.00	15	.25	48.75	.25	9.50	.25	9.50	1.00	900.00	.49	.30				
Dallas	17	1.00	54.75	17	14.00	47.73	8.89	33.49		18.02	1.00	1,215.00	.52	.35				
Delaware	1	8.25				81.00		8.50		8.50	1.00	1,000.00	.63	.25				
Dickinson	6		15.00	6		18.00		5.50		5.50	1.00	1,711.71	1.00	.54				
Emmet	1	5.50		1	5.50		5.50		5.00		2.00	950.00	.37	.27	.21	.17		
Floyd	5	26.50		1	5.00		5.00			3.00								
Franklin	2	5.00		2	5.00		5.00		2.00	1.00		765.00	.55	.48				
Greene	5	16.00																
Hancock	7	34.00	5.00															
Henry	1	22.00																
Humboldt	10	49.00		7	29.00		29.00		23.00	1.00		752.00	.45	.30				
Iowa	3	5.00		2	5.00		5.00		3.50									
Johnson	1	2.80		4	6.00	11.00	6.00	11.00	6.00	11.00	1.00	1,500.00	.50	.35				
Kossuth	7	26.00		7	26.00		26.00		5.50			1,650.00	.47	.38	.27	.19		
Linn	4	30.50		3	23.15		16.15		16.15		3.00							
Lyon	2	14.25																
Madison	4	41.75	20.00	5	25.75													
Mills	1	10.50																
O'Brien	4	1.00	21.00	3	19.00	18.00	18.00	5.00	18.00	5.00	2.00	1,190.00	.45	.34	.23	.11		
Palo Alto	14	18.75	27.50	13	20.75	23.75	10.50	23.75	10.50	18.00	1.00	720.00	1.38	.87				
Sac	1	5.00		3	4.00		4.00		4.00	1.00		1,347.00	1.00	.60				
Story	7	30.25	4.00	3	8.75	14.00	.50	14.00	.50	1.00		2,173.15						
Washington	1	2.50				7.50												
Webster	3	10.00		2														
Winnebago	1	7.38		1	7.38		7.38				1.00							
Woodbury	9	12.50	37.75	8	16.00	26.50	17.50	5.50	17.50	5.50	3.00	825.00	.50	.35	.23	.19	.15	.15
Wright	228	305.68	631.00	149	303.98	386.98	156.02	241.99	135.25	301.87	22.00	\$ 1,097.89	.64	.42	.24	.17	.16	.12

SUMMARY TABLE NO. 17

Showing Total and Relative Cost of Maintenance of Earth, Gravel and Paved Roads by Counties—County Road System—
Annual Report of County Engineers.

County	Earth			Gravel			Paved			Total Cost Maintenance Earth, Gravel and Paved Roads
	Number of Miles	Cost of Maintenance	Average Cost Per Mile	Number of Miles	Cost of Maintenance	Average Cost Per Mile	Number of Miles	Cost of Maintenance	Average Cost Per Mile	
Adair	114.30	\$ 31,271.01	\$ 274.00							\$ 31,271.01
Adams	106.66	21,339.41	200.00							21,339.41
Allamakee	106.75	25,665.82	243.00	1.75						25,665.82
Appanoose	119.75	34,113.56	285.00							34,113.56
Arnold	96.90	29,116.37	299.00							29,116.37
Benton	155.00	40,686.19	262.00							40,686.19
Black Hawk	73.75	10,226.02	139.00	54.00	\$ 6,766.79	\$ 125.00				17,052.81
Boone	10.25	6,468.24	633.00	108.00	12,659.06	117.00				19,145.30
Bremer	38.49	11,981.45	309.00	11.75	1,593.59	136.00				13,485.04
Buchanan	119.25	13,680.82	114.00	12.75	22,184.58	1,740.00				35,574.40
Buena Vista				111.50	29,835.81	268.00				29,835.81
Butler	129.00	34,441.91	267.00	16.00	2,419.29	151.00				36,861.30
Calhoun	105.00	18,423.55	175.00	91.00	17,081.80	188.00				35,505.35
Carroll	105.00	18,423.55	175.00	17.00	7,037.10	414.00				25,460.71
Cass	76.50	28,826.64	377.00							28,826.64
Cedar	85.94	19,265.76	224.00	1.00						19,265.76
Cerro Gordo	22.10	7,733.48	350.00	59.20	10,806.41	184.00	.74	\$ 201.50	\$ 272.00	18,851.39
Cherokee	112.30	19,168.53	171.00	16.20	3,591.15	222.00				22,759.68
Chickasaw	72.00	8,414.72	117.00	44.00	5,573.72	127.00				13,988.44
Clarke	80.00	15,363.00	192.00							15,363.00
Clay	11.50	900.90	78.00	114.88	28,685.66	249.00				29,586.56
Clayton	134.50	51,496.61	383.00							51,496.61
Clinton	113.21	27,076.05	239.00	14.79	2,084.36	141.00				29,160.41
Crawford	75.00	29,870.51	398.00							29,870.51
Dallas	41.25	20,119.72	488.00	80.35	20,702.06	258.00	.25	27.30	109.00	40,849.17
Davis	126.85	29,792.88	235.00							29,792.88
DeWaver	123.82	32,944.79	266.00							32,944.79
Delaware	106.70	19,308.80	181.00	35.50	5,239.58	147.00				17,658.84
Des Moines	47.75	29,686.88	621.00							29,686.88
Dickinson	29.69	3,365.67	114.00	41.00	4,848.73	118.00				8,214.40
Dubuque	83.15	22,958.92	276.00	8.50	5,075.60	608.00				28,034.12
Emmet	.25			63.00	7,924.73	126.00				7,924.73
Payette	118.30	19,120.70	162.00	8.20	28,720.94	\$ 3,504.00				47,841.64
Floyd	46.75	9,994.83	214.00	49.55	5,221.71	105.00				15,216.54
Franklin	83.00	13,381.63	160.00	78.75	19,724.11	250.00				33,008.79

SUMMARY TABLE NO. 17—(Continued)

County	Earth			Gravel			Paved			Total Cost Maintenance Earth, Gravel and Paved Roads
	Number of Miles	Cost of Maintenance	Average Cost Per Mile	Number of Miles	Cost of Maintenance	Average Cost Per Mile	Number of Miles	Cost of Maintenance	Average Cost Per Mile	
Freemont	132.00	21,964.75	180.00							21,964.75
Greene	11.00	9,466.98	860.63	55.00	16,792.85	305.00				26,259.83
Grundy	106.25	11,509.78	108.30	13.75	3,215.11	234.00				14,724.89
Guthrie	123.50	27,500.12	223.00	3.00	859.33	287.00				28,689.45
Hamilton	31.00	2,445.40	78.87	105.40	40,217.99	382.00				42,663.39
Hancock	97.20	17,426.33	178.00	16.20	2,077.60	127.00				19,503.93
Hardin	69.37	25,112.69	362.00	56.66	17,078.27	301.00				42,190.96
Harrison	92.50	11,905.15	128.70							11,905.15
Henry	106.00	24,745.80	233.00							24,745.80
Howard	67.68	25,599.78	378.00	9.00	4,142.02	457.00				28,141.80
Humboldt	37.50	1,987.64	53.00	72.00	29,741.54	412.00				22,729.18
Ida	90.10	12,089.21	134.17	.25	41.00	164.00				12,130.21
Iowa	112.00	29,155.55	260.36							29,155.55
Jackson	82.75	18,638.70	225.00							18,638.70
Jasper	160.00	42,089.50	263.06	5.25	84.75	17.00				42,174.25
Jefferson	105.99	35,446.70	343.30							35,446.70
Johnson	108.51	45,829.78	422.00	2.22	178.07	77.00				46,007.85
Jones	139.00	39,851.42	286.00	8.00	1,330.80	166.00				32,182.22
Keokuk	117.00	30,946.00	264.49							30,946.00
Kossuth	52.00	3,970.24	76.35	139.00	13,580.71	98.00				17,550.95
Lee	83.29	21,415.64	258.00	9.00	8,781.40	976.00				30,197.04
Linn	89.29	39,887.32	446.00	39.21	12,934.24	330.00				63,851.66
Louisia	69.00	18,098.26	262.00	1.50						18,099.76
Lucas	107.00	24,903.20	232.00							24,903.20
Lyon	89.75	5,270.69	58.73	36.15	4,834.16	134.00				10,104.85
Madison	131.75	15,009.61	113.90							15,009.61
Mahaska	105.99	25,536.12	240.00	13.10	2,029.84	154.00				27,565.96
Marion	102.50	29,934.56	292.00							29,934.56
Marshall	123.57	11,893.87	96.00	43.45	10,269.43	236.00				22,133.30
Mills	86.00	24,238.72	282.00							24,238.72
Mitchell	65.19	19,906.64	305.00	17.60	4,026.97	229.00				23,933.61
Monona	97.85	18,796.59	192.00							18,796.59
Monroe	122.93	21,538.33	175.00							21,538.33
Montgomery	75.75	25,516.47	336.00							25,516.47
Muscatine	45.24	26,309.75	582.00	12.30	3,061.11	247.00				30,290.86
O'Brien	93.75	16,821.18	179.00	28.00	2,503.67	89.00				19,324.85
Osceola	79.70	6,149.32	77.00	13.00	2,743.75	202.00				8,884.28
Page	125.71	22,443.24	180.00							22,443.24
Palo Alto	29.00	4,829.64	166.00	107.50	15,476.83	153.00				21,106.47
Plymouth	119.17	22,287.12	187.00	.58						22,287.12
Pocahontas	23.45	1,431.25	61.00	97.05	24,835.60	256.00				26,266.85
Polk	87.18	29,164.70	335.00	130.82	39,422.86	301.00	1.00			68,587.62
Pottawattamie	294.50	50,189.98	170.00							50,189.98
Poweshiek	90.00	38,474.45	427.00							38,474.45
Ringgold	152.00	19,984.77	131.00							19,984.77
Sac		3,120.01		79.26	29,415.14	371.80				32,535.15
Scott	62.46	35,313.17	565.00	24.33	8,807.88	366.00				44,211.05
Shelby	114.20	29,146.27	255.00							29,146.27
Sioux	154.25	26,948.21	175.00	9.00	1,566.87	174.00				28,515.08
Story	45.00	8,736.96	194.00	99.00	13,097.26	132.00				21,824.22
Tama	141.00	36,131.98	256.00							36,131.98
Taylor	143.25	24,911.92	174.00							24,911.92
Union	109.00	17,687.58	162.00							17,687.58
Van Buren	108.75	21,626.41	199.00							21,626.41
Wapello	114.50	40,479.19	354.00							40,479.19
Warren	107.87	20,638.82	191.00							20,638.82
Washington	108.07	42,589.50	394.00							42,589.50
Wayne	124.00	15,531.23	125.00							15,531.23
Webster	61.50	19,539.02	318.00	37.05	8,957.30	157.00				28,516.32
Winnebago	65.80	7,423.31	113.00	32.00	4,496.30	141.00				11,921.61
Winneshek	115.85	18,026.97	156.00	3.88	1,129.49	291.00				19,156.46
Woodbury	100.78	46,968.96	466.00	17.67	4,366.84	247.00				50,334.79
Worth	33.00	5,137.32	156.00	30.00	2,000.45	145.00				8,038.40
Wright	22.00	2,913.69	132.00	100.85	11,537.36	105.00				14,470.45
Total	8,721.11	\$2,060,182.19	\$ 238.00	2,560.66	\$56,312.42	\$ 237.00	1.99	\$ 228.89	\$ 115.00	\$ 2,683,723.50

SUMMARY TABLE NO. 19
Showing County Engineering Cost—Annual Report of County Engineers.

	County Engineer			Assistant Engineer			Total			Bridges			Country Engineer			Assistant Engineer			Total			Total Cost of Eng- neering			
	Salary		Expense	Salary		Expense	Total		Salary		Expense	Total		Salary		Expense	Total		Salary		Expense		Total		
	\$	%		\$	%		\$	%	\$	%		\$	%	\$	%		\$	%	\$	%			\$	%	\$
Adair.....	332.76	248.95	237.50	2.49	825.02		1,172.16	501.29	464.14														2,140.59		
Adams.....	1,175.00	600.00	600.00	100.00	2,370.00		1,175.00	702.44	600.00															1,175.00	
Allamakee.....	1,192.43	298.84	298.84		1,491.27		843.65	305.16	100.00															2,386.44	
Anneke.....	1,800.00	524.32	337.65		541.97		892.89	524.23	107.65															1,288.24	
Benton.....	1,800.00	1,800.00	1,800.00	100.00	3,342.53		1,800.00	883.63	158.47															5,242.69	
Black Hawk.....	1,800.00	1,800.00	1,800.00	100.00	6,000.49		1,800.00	1,037.83	139.59															9,127.80	
Boone.....	1,649.39	476.85	3,308.46	522.16	2,772.39		1,649.39	799.01	425.05															2,497.65	
Bremser.....	777.68	184.28	1,311.24		1,090.05		1,163.75	935.10	1,637.43															2,840.11	
Buena Vista.....	900.00	190.65	6,288.70	1,004.43	9,064.04		1,691.00	70.34	91.25															10,185.90	
Butler.....	847.02	1,105.38	97.40	62.00	1,659.79		1,691.00	643.50	130.03															3,488.63	
Calhoun.....	2,025.00	553.68	2,019.47	607.16	2,888.22		1,673.00	184.30	301.48															2,131.78	
Carroll.....	1,764.11	528.60	503.47		2,815.29		1,764.11	575.00	391.82															2,888.67	
Cedar.....	1,482.41	322.68			2,015.29		1,764.11	628.00	1,225.11															2,888.67	
Cerro Gordo.....	1,745.56	322.60	415.00	86.00	2,857.07		1,163.96	858.00	1,225.11															1,097.11	
Cherokee.....	1,405.00	82.00	415.00	86.00	2,024.00		1,740.00	300.80	415.64															4,432.44	
Chickasaw.....	1,000.00	256.50	230.00	230.00	1,726.50		1,000.00	190.52	909.75															2,116.27	
Clarke.....	1,000.00	200.00	30.00		1,230.00		1,000.00	356.30	431.34															2,116.27	
Clayton.....	2,108.00	441.71	3,431.00	924.20	6,062.91		2,108.00	331.00	817.00															8,285.94	
Clinton.....	1,405.00	82.00	200.00	11.37	2,024.00		1,405.00	680.66	2,024.00															4,049.06	
Crawford.....	1,701.00	171.14	1,701.00	100.00	3,474.15		1,701.00	51.59	1,673.45															4,789.73	
Dallas.....	2,750.49	1,025.61	3,744.90	1,099.75	5,495.39		2,750.49	205.18	1,914.35															7,211.44	
Davies.....	749.23	65.87	718.23		1,467.46		749.23	92.04	718.23															1,467.46	
Delaware.....	1,017.04	300.00	300.00		1,300.00		1,017.04	282.32	800.40															2,100.00	
Des Moines.....	1,000.00	160.00	160.00	7.00	1,300.00		1,000.00	1,200.00	185.30															2,485.30	
Dickinson.....	1,050.00	160.00	160.00	7.00	1,300.00		1,050.00	1,200.00	185.30															2,485.30	
Dubuque.....	1,367.30	307.82	2,042.12	607.01	3,716.25		1,367.30	88.62	1,456.31															5,092.52	
Dwight.....	1,250.84	188.92	1,756.90	88.67	2,465.00		1,250.84	77.82	1,328.66															3,794.26	
Floyd.....	1,250.84	188.92	1,756.90	88.67	2,465.00		1,250.84	77.82	1,328.66															3,794.26	
Franklin.....	1,680.70	318.00	318.00		2,306.70		1,680.70	44.35	1,725.05															4,031.75	
Fremont.....	980.00	118.00	118.00		1,108.00		980.00	225.90	856.69															2,272.30	
Greene.....	1,076.17	966.40	1,761.34	332.80	5,254.11		1,076.17	284.65	407.10															7,013.66	
Grundy.....	1,080.00	1,029.46	170.00		2,079.46		1,080.00	464.31	1,224.45																2,427.64
Guthrie.....	702.42	332.37	300.00		1,334.79		702.42	266.33	300.00															2,000.50	
Hamilton.....	1,747.37	644.33	1,109.08	315.78	3,856.76		1,747.37	130.35	719.40															5,676.24	
Hancock.....	1,285.64	615.13	2,615.30	5.10	4,899.37		1,285.64	661.46	1,114.27															6,514.64	
Hardin.....	1,300.00	275.35	2,335.84	110.85	4,635.89		1,300.00	311.00	140.00															6,076.89	
Harrison.....	1,310.00	65.20	21.00		1,376.20		1,310.00	211.00	140.00															1,515.11	
Henry.....	1,654.10	314.92	674.80	315.00	2,643.82		1,654.10	384.65	407.10															4,051.57	
Howard.....	1,000.00	145.40	858.17		1,858.17		1,000.00	102.30	200.00															2,200.00	
Humboldt.....	1,000.00	250.00	1,480.00	200.00	2,730.00		1,000.00	102.30	200.00															3,130.00	
Iowa.....	815.02	100.50	1,480.00	200.00	2,730.00		815.02	102.30	200.00															3,130.00	
Jackson.....	1,779.00	779.14	309.96	8.00	2,868.10		1,779.00	305.54	323.52															4,691.00	
Jasper.....	800.00	166.00	1,750.00	488.65	3,144.65		800.00	635.00	635.00															4,691.00	
Jefferson.....	1,250.00	307.28	371.92		1,621.92		1,250.00	202.52	352.52															1,850.00	
Johnson.....	1,135.27	307.28	371.92		1,621.92		1,135.27	202.52	352.52															1,850.00	
Jones.....	1,200.00	307.28	371.92		1,621.92		1,200.00	202.52	352.52															1,850.00	
Kossuth.....	1,200.00	307.28	371.92		1,621.92		1,200.00	202.52	352.52															1,850.00	
Lee.....	1,000.00	339.96	750.00	149.35	2,139.31		1,000.00	40.00	80.00															2,219.31	
Linn.....	1,000.00	1,044.85	10,566.37	1,433.14	14,667.66		1,000.00	1,044.85	750.00															1,150.00	
Louis.....	2,048.49	781.48	1,000.00	46.10	3,829.97		2,048.49	1,044.85	750.00															4,600.04	
Lucas.....	1,388.07	471.00	1,370.45	500.00	3,737.52		1,388.07	1,044.85	750.00															4,600.04	
Lyon.....	1,380.00	410.00	141.00		1,931.00		1,380.00	312.45	187.30															2,298.95	
Madison.....	800.00	141.00	141.00		1,082.00		800.00	312.45	187.30															1,228.95	
Maquoketa.....	1,310.00	556.88	1,707.51	332.80	3,606.29		1,310.00	312.45	187.30															4,334.29	
Marion.....	1,431.90	190.00	884.20	273.00	2,706.10		1,431.90	312.45	187.30															2,772.15	
Marshall.....	1,050.00	545.13	1,388.00	100.00	2,983.13		1,050.00	312.45	187.30															3,370.46	
McCall.....	1,156.57	250.64	1,015.15		2,422.36		1,156.57	312.45	187.30															2,609.66	
Mills.....	2,006.18	692.21	4,006.60	7																					

SUMMARY TABLE NO. 19—(Continued)

	Roads					Bridges					Total Cost of Engineering
	County Engineer		Assistant Engineer		Total	County Engineer		Assistant Engineer		Total	
	Salary	Expense	Salary	Expense		Salary	Expense	Salary	Expense		
Tama	900.00	875.87	1,313.80	-----	3,089.67	1,100.70	1,000.00	1,313.89	-----	3,414.59	6,504.26
Taylor	785.02	264.48	240.00	-----	1,289.50	1,177.56	264.49	300.00	-----	1,802.05	3,091.55
Union	900.00	50.00	-----	-----	950.00	-----	-----	-----	-----	-----	3,964.32
Van Buren	1,182.99	745.04	54.10	-----	1,982.13	1,183.00	745.00	-----	-----	1,982.19	1,500.00
Wapello	750.00	-----	-----	-----	750.00	-----	-----	54.10	-----	750.00	4,529.47
Warren	806.96	-----	-----	-----	806.96	-----	-----	-----	-----	806.96	4,800.43
Washington	1,510.32	497.41	392.48	-----	1,886.74	1,665.02	68.11	1,000.00	409.00	3,142.73	1,500.00
Wayne	1,200.00	587.45	-----	-----	2,400.21	1,510.32	497.41	392.49	-----	2,400.22	4,800.43
Webster	1,750.00	375.00	2,775.00	925.00	5,825.00	300.50	-----	-----	-----	1,787.45	3,574.90
Winneshiek	1,312.00	378.55	372.10	-----	2,062.65	300.00	113.00	908.91	306.30	2,219.41	8,044.41
Woodbury	1,900.00	681.34	2,338.76	639.56	5,268.06	1,400.00	681.24	1,109.25	230.25	3,420.74	6,555.63
Wordworth	1,860.50	587.41	1,084.50	109.15	2,641.56	1,522.19	652.52	1,055.42	86.84	3,237.40	8,681.02
Wright	794.26	483.70	1,894.74	367.65	2,700.35	794.27	146.10	100.00	40.00	1,080.37	3,780.72
Wright	966.51	81.68	1,002.85	-----	2,051.04	966.51	81.68	1,002.84	-----	2,051.03	4,102.07
Total	\$129,417.53	\$ 35,782.91	\$136,406.00	\$ 17,104.19	\$318,768.73	\$107,402.65	\$ 28,831.41	\$ 72,187.53	\$ 9,076.78	\$318,096.37	\$ 539,867.10

SUMMARY TABLE NO. 20

Financial Statement—Annual Report of County Engineers.

	County Bridge Fund				County Motor Vehicle Fund					
	Balance or Overdraft Jan. 1, 1925	Receipts 1925	Total	Disbursements, 1925	Balance or Overdraft Jan. 1, 1926	Balance or Overdraft Jan. 1, 1925	Receipts 1925	Total	Disbursements, 1925	Balance or Overdraft Jan. 1, 1926
Adair	\$ 4,147.95	\$ 68,338.73	\$ 72,486.68	\$ 70,025.30	\$ 2,461.38	-----	-----	-----	-----	-----
Adams	1,468.92	44,094.17	45,563.09	42,699.16	2,863.93	-----	-----	-----	-----	-----
Allamakee	2,725.47	56,307.29	59,232.76	49,411.37	9,821.39	-----	-----	-----	-----	-----
Appanoose	24,835.74	52,000.16	77,435.90	44,551.36	32,884.54	-----	-----	-----	-----	-----
Audubon	19,551.29	116,061.29	135,612.49	119,389.69	16,222.80	\$ 133.54	\$ 5.91	\$ 138.55	\$ 138.55	-----
Benton	7,964.11	67,321.06	75,485.17	63,765.84	12,719.33	7,234.94	27,205.93	34,440.87	25,133.89	\$ 9,306.98
Black Hawk	2,906.77	49,019.33	51,926.10	48,868.90	3,057.20	-----	-----	-----	-----	-----
Boone	15,574.45	39,029.37	54,603.82	50,300.32	4,303.50	-----	-----	-----	-----	-----
Bremer	7,725.09	53,751.69	61,476.78	57,206.33	4,270.45	-----	-----	-----	-----	-----
Buchanan	2,961.00	48,659.54	50,739.54	45,935.28	1,785.26	-----	-----	-----	-----	-----
Buena Vista	*890.48	12,319.46	11,428.98	10,018.46	1,410.52	*1,694.13	29,936.12	28,241.99	35,932.35	*7,719.36
Butler	21,073.16	100,666.68	122,239.84	106,129.10	16,110.74	-----	-----	-----	-----	-----
Calhoun	5,475.44	67,387.73	72,863.17	70,222.06	2,641.11	6,367.12	45,209.91	51,637.03	43,907.54	7,729.49
Carroll	37,312.86	74,737.67	112,050.53	91,770.40	20,280.13	-----	-----	-----	-----	-----
Cass	10,763.45	81,508.00	92,271.45	76,654.64	15,616.81	-----	-----	-----	-----	-----
Cedar	18,590.69	51,401.74	69,992.43	37,951.15	32,041.28	-----	-----	-----	-----	-----
Cerro Gordo	5,447.60	56,285.86	61,733.46	57,459.25	4,274.21	-----	-----	-----	-----	-----
Cherokee	763.77	75,025.11	75,788.88	66,356.11	9,432.77	7,373.79	-----	7,373.79	7,373.79	-----
Chickasaw	6,046.64	52,213.05	58,259.69	47,087.31	11,171.38	-----	-----	-----	-----	-----
Clarke	2,306.96	26,367.37	28,144.33	30,315.52	*1,171.19	-----	-----	-----	-----	-----
Clay	*8,889.31	41,338.91	50,228.22	30,454.44	2,024.16	-----	-----	-----	-----	-----
Clayton	14,658.35	81,284.24	95,942.59	70,081.23	25,861.36	-----	-----	-----	-----	-----
Clinton	18,162.19	62,293.29	80,455.48	73,923.77	6,461.71	-----	-----	-----	-----	-----
Crawford	24,622.05	109,331.89	134,144.54	118,836.49	20,308.06	-----	-----	-----	-----	-----
Dallas	5,249.08	86,115.27	91,364.35	90,020.16	1,344.19	3,266.41	46,116.95	49,383.36	44,626.55	4,756.81
Davis	6,321.36	41,908.57	48,229.93	47,874.81	145.12	-----	-----	-----	-----	-----
Deaatur	19,854.87	59,255.47	79,110.34	65,093.69	8,016.65	1,744.19	3,187.49	4,931.68	4,891.38	139.30
Delaware	8,711.83	45,508.94	54,220.77	50,645.90	3,574.87	*983.85	25,879.19	25,515.34	25,828.68	*313.34
Des Moines	2,422.95	31,885.41	34,308.36	27,105.30	7,203.06	-----	-----	-----	-----	-----
Dickinson	5,812.69	599.71	6,412.40	5,135.02	1,307.38	6,102.99	30,184.54	36,287.53	31,109.13	5,088.40
Dubuo	*3,769.03	68,380.63	72,149.66	58,662.23	5,949.37	-----	-----	-----	-----	-----
Emmet	14,054.19	12,741.65	26,795.84	10,608.24	16,187.00	2,391.29	30,610.67	33,001.87	31,691.36	1,409.51
Fayette	21,123.45	99,051.63	120,175.08	102,100.12	9,014.96	-----	-----	-----	-----	-----
Floyd	33,532.33	27,444.20	60,976.53	43,582.84	7,413.74	-----	-----	-----	-----	-----
Franklin	29,629.84	31,494.45	61,124.29	53,856.77	27,174.52	7,050.28	28,664.63	35,714.89	29,394.30	9,410.59
Fremont	342.17	54,206.00	54,548.17	54,189.96	358.21	-----	-----	-----	-----	-----

SUMMARY TABLE NO. 20—(Continued)

	County Bridge Fund				County Motor Vehicle Fund					
	Balance of Overdraft Jan. 1, 1925	Receipts 1925	Total	Disbursements, 1925	Balance of Overdraft Jan. 1, 1926	Balance of Overdraft Jan. 1, 1925	Receipts 1925	Total	Disbursements, 1925	Balance of Overdraft Jan. 1, 1926
Greene.....	7,961.17	62,700.58	70,661.75	68,938.94	1,722.81					
Grundy.....	894.51	35,481.87	36,376.38	35,924.31	1,452.07					
Guthrie.....	*13,176.36	66,028.46	80,822.20	77,095.75	*23,726.45	5,433.07	39,933.24	39,388.31	38,831.75	2,686.56
Hamilton.....	7,259.54	41,971.94	49,231.18	37,961.87	11,269.31					
Hancock.....	6,805.30	24,854.38	31,659.68	24,487.23	6,722.45					
Hardin.....	6,311.98	81,837.35	87,849.33	85,891.15	1,958.18	2,785.43		2,785.43	2,000.00	785.43
Harrison.....	7,111.96	54,486.35	61,598.41	57,058.30	4,536.11					
Henry.....	5,799.96	31,000.14	36,800.10	31,322.40	2,476.70					
Howard.....	10,100.70	35,332.43	45,433.13	38,676.43	7,496.70					
Humboldt.....	67,301.10	15,323.34	82,724.44	78,312.77	3,911.67					
Ida.....	5,339.89	50,878.15	56,498.01	45,671.91	7,796.10					
Iowa.....	25,188.74	75,133.88	97,322.62	67,064.19	30,258.43					
Jackson.....	82,144.37	30,375.54	131,519.91	59,174.49	62,134.42					
Jasper.....	33,487.93	98,670.75	131,158.68	117,260.48	13,898.20					
Jefferson.....	34,740.47	37,402.77	72,143.24	47,817.88	24,325.36					
Johnson.....	32,563.94	71,197.87	103,761.71	89,145.44	14,616.27					
Jones.....	*2,257.33	65,343.36	61,000.36	56,686.88	3,263.06					
Keokuk.....	17,574.64	62,634.48	80,309.62	67,951.37	14,567.15					
Kossuth.....	23,300.49	38,708.53	62,009.02	26,263.82	35,845.20					
Lee.....	318.37	56,700.04	56,918.61	51,972.07	4,946.54					
Linn.....	7,881.77	187,549.64	195,431.41	191,263.40	4,116.01					
Louisia.....	16,316.94	21,877.81	38,194.75	38,767.65	*403.80					
Lucas.....	3,659.24	29,022.24	32,701.48	30,313.17	3,388.31					
Lyon.....	19,717.55	55,612.70	75,330.25	34,672.05	40,338.20					
Madison.....	20,908.08	44,739.15	65,647.23	58,556.55	7,071.68					
Malhaska.....	5,335.55	63,275.40	68,610.95	47,394.46	21,071.49					
Marion.....	28,156.28	37,466.63	75,622.91	70,615.19	5,007.72	3,115.06	35,955.41	30,070.47	36,500.13	2,970.34
Marshall.....	13,302.30	16,132.20	29,434.50	25,673.76	5,711.70					
Mills.....	245.54	32,994.27	33,239.81	31,981.62	2,138.19					
Mitchell.....	5,764.61	68,800.61	64,155.22	49,831.40	23,223.82	*1,541.64	33,990.21	35,448.67	35,433.81	*2,087.14
Monona.....	10,633.45	49,078.06	60,612.41	60,662.31	*39.00					
Monroe.....	7,005.74	29,034.85	36,040.59	22,709.49	13,841.10	5,717.43	29,715.92	35,433.35	32,441.08	2,992.27
Montgomery.....	5,326.48	58,576.42	61,902.90	51,440.20	10,462.70	2,649.26	21,892.30	24,541.66	21,003.23	3,538.43
Muscatine.....	307.80	19,221.88	20,139.68	16,499.02	3,630.66					
O'Brien.....	56,354.30	47,900.69	104,254.99	71,675.12	32,649.86					
Osceola.....	8,039.69	17,147.36	25,737.05	13,322.07	6,854.98					
Page.....	3,727.00	80,162.41	83,889.41	80,021.36	3,868.05					
Palo Alto.....	10,798.35	43,282.82	54,081.17	53,157.43	923.74					
Plymouth.....	3,226.21	83,800.05	86,916.26	54,762.37	3,153.89					
Pocahontas.....	40,945.02	40,431.73	81,376.75	24,542.90	56,834.15					
Polk.....	4,976.43	101,694.71	106,741.14	99,344.06	6,397.08					
Pottawattamie.....	*1,689.50	106,336.57	108,026.07	111,811.17	*7,169.89					
Poweshock.....	*2,922.03	85,132.94	88,054.97	77,127.83	3,102.08					
Ringgold.....	*405.44	45,507.15	45,912.59	24,888.43	29,663.28					
Sac.....	28,949.53	70,553.36	99,462.89	70,447.32	29,015.57					
Scott.....	1,786.19	34,808.84	36,595.03	31,805.90	4,789.13					
Shelby.....	17,162.33	80,067.78	97,230.11	87,824.27	9,405.84					
Sioux.....	13,728.57	81,028.28	94,756.85	69,146.06	25,610.59					
Story.....	333.49	55,843.09	56,176.58	54,411.43	1,765.15	1,137.31	43,154.85	44,292.16	39,872.04	4,420.12
Tama.....	43,338.61	89,774.33	133,112.94	120,619.25	21,493.69					
Taylor.....	1,335.33	39,577.19	40,912.52	29,965.99	1,434.53					
Union.....	46,492.70	42,964.31	89,457.01	36,915.32	52,541.55					
Van Buren.....	8,847.24	43,196.31	52,043.55	48,914.75	3,128.80					
Wapello.....	23,960.32	39,303.94	63,264.26	47,959.13	14,410.13					
Warren.....	65,324.33	45,435.26	110,749.59	68,469.20	42,280.39					
Washington.....	873.45	121,187.33	122,060.77	96,887.13	25,173.64					
Wayne.....	10,724.57	39,990.22	50,714.79	43,931.48	6,783.31					
Webster.....	18,935.97	59,005.72	77,941.69	52,033.52	25,004.27					
Winnebago.....	14,640.37	5,968.30	20,608.67	16,367.73	3,740.94					
Winneskeo.....	11,019.11	72,480.20	83,499.31	30,625.00	2,573.71	4,301.52		4,301.52		4,301.52
Woodbury.....	16,568.32	81,103.03	97,671.35	92,138.32	5,533.03					
Worth.....	11,138.63	32,801.82	43,940.45	42,687.09	1,253.36					
Wright.....	20,130.05	47,137.24	67,267.29	47,789.93	19,467.36					
Total.....	81,946,197.14	85,597,824.30	86,944,022.03	85,806,930.92	81,137,032.11	\$ 61,049.91	\$402,672.37	\$327,022.25	\$479,319.31	\$ 48,302.97

*Overdraft.

SUMMARY TABLE NO. 21
Financial Statement—County Road Fund—Annual Report of County Engineers.

RECEIPTS

County	Balance of Overdraft Jan. 1, 1925	Tax Levy	Gasoline Tax	Sale of Bonds	Refunds from Townships	Refunds from Primary Road Fund Maintenance	Special Assessments and Miscellaneous	Totals	Disbursements 1924	Balance of Overdraft Jan. 1, 1925
Adair	\$ 1,832.25	\$ 24,781.77	\$ 10,000.00		\$ 4,891.84	\$ 29,123.13	\$ 6,298.68	\$ 76,907.57	\$ 76,896.96	10.61
Adams	9,979.49	24,122.30	7,081.38			19,005.61	55.00	38,143.74	39,415.33	18,727.41
Allamakee	6,440.04	31,313.35	11,127.88			25,961.27		74,871.45	55,853.52	19,035.93
Appanoose	1,800.57	22,339.92	8,507.62		540.57	34,101.97	3,574.20	66,283.81	62,222.65	4,061.16
Audubon	5,755.08	24,154.94	7,346.75			29,119.24	649.97	69,025.88	33,449.09	13,576.50
Benton	15,743.88	52,589.36	9,728.10				2,244.50	80,001.56	41,827.52	38,774.32
Black Hawk	16,353.65	51,312.30	8,655.93			18,514.44	21,184.44	115,429.69	96,584.95	28,835.71
Boone	2,381.89	45,459.37	9,588.57			12,165.57	50,584.13	126,574.22	124,138.08	2,436.15
Bremer	1,470.56	34,902.68	1,197.45			25,159.52		68,730.24	65,730.82	2,999.42
Buchanan	5,846.21	36,338.16	9,403.15		256.00	19,591.00	404.40	71,908.20	61,388.38	7,520.54
Buena Vista	5,778.44	43,645.02	5,011.55		4,411.25	10,322.11		97,871.49	77,097.15	*10,225.66
Butler	4,359.99	45,392.27	9,568.99		325.62	23,899.19	1,052.99	79,709.01	61,178.92	7,581.19
Calhoun	2,853.70	45,186.11	9,579.87		1,645.88	7,050.18	51,904.83	112,311.08	105,144.89	7,166.08
Carroll	6,989.47	35,370.45	9,486.07					53,328.73	43,024.32	10,314.40
Cass	15,008.83	31,009.82	6,320.00		982.14			54,211.48	30,276.07	23,935.41
Cedar	7,983.81	11,250.05	9,885.37			23,246.25	8,373.51	60,122.22	48,643.92	11,406.30
Cerro Gordo	1,698.63	56,556.58	9,535.33		394.88	14,312.05	8,627.31	91,025.28	93,230.39	*2,205.02
Cherokee	1,818.52	32,971.77	9,522.08		75.00	29,380.61	7,701.95	81,310.51	73,224.47	8,086.04
Chickasaw	846.31	49,617.63	8,248.38			1,373.44	106.67	40,156.53	39,976.16	1,180.37
Clarke	1,069.02	13,646.32	7,097.99			28,541.27	496.75	50,881.35	43,125.71	7,755.64
Clay	26,310.81	39,084.09	9,502.67		13,807.70	39,736.36	22,087.87	97,276.88	114,784.35	*17,507.47
Clayton	2,413.12	44,732.34	13,101.42			33,576.63	5,088.33	98,911.84	92,861.22	6,000.62
Clinton	27,368.93	45,309.32	9,804.20		1,202.87	16,466.78	3,453.07	102,572.23	67,622.82	34,949.41
Crawford	17,466.71	45,424.09	11,857.61			1,044.19		128,030.72	90,555.22	37,775.50
Dallas	8,189.75	34,093.57	8,426.48			93,787.45	145,066.25	145,066.25	150,309.34	*14,809.09
Davis	2,823.27	22,876.44	8,325.20		1,408.80	19,562.17	388.56	55,340.74	53,152.31	2,188.43
Decatur	6,281.05	27,297.75	8,820.30		1,065.33	19,035.34	326.94	62,867.71	59,408.58	3,459.13
Delaware	12,549.96	34,868.81	9,473.75				3,709.31	59,571.33	22,549.92	37,021.91
Des Moines	16,538.76	12,113.34	7,097.99			11,111.33	26,783.99	30,993.50	38,721.72	*11,967.82
Dickinson	9,125.03	21,018.84	4,731.30				653.89	35,527.63	27,752.60	7,774.73
Dubuque	16,286.61	65,785.30	9,765.96					91,807.96	29,745.00	62,062.96
Emmet	1,604.35	36,416.39	6,269.65		8,612.30		992.50	64,556.19	32,208.00	12,347.50
Fayette	22,068.93	36,211.42	12,006.80		3,478.37	1,934.28	17,435.63	93,135.49	81,212.98	11,922.51
Floyd	6,981.56	34,737.64	9,509.11			29,731.41	9,573.02	80,223.34	76,515.44	3,717.90

Franklin	30.79	38,114.43	9,565.57		1,537.67		7,992.13	57,260.59	56,796.66	463.93
Fremont	3,865.23	21,799.90	8,666.88				30,295.25	64,576.57	55,205.03	9,371.54
Greene	1,610.09	32,441.18	9,131.89				2,161.89	45,253.96	44,189.43	1,064.53
Grundy	2,788.55	30,010.28	8,300.65				3,570.83	53,730.31	47,924.02	5,806.29
Guthrie	316.46	44,243.52	9,900.67				1,033.73	56,044.38	48,148.80	7,895.58
Hamilton	*169.82	39,653.37	9,765.91		3,732.11		10,287.25	65,752.63	50,993.50	13,116.00
Hancock	11,377.41	33,119.90	9,662.66				17,977.65	72,968.07	57,186.07	15,801.71
Hardin	*468.68	46,022.48	9,436.33		1,853.01		5,678.87	62,522.01	47,523.24	14,662.79
Harrison	78,441.77	20,451.38	10,133.95		150.00	23,601.14		132,778.24	43,088.44	89,690.80
Henry	4,215.63	23,027.73	4,465.85			24,381.63	215.44	56,505.68	49,719.60	6,786.02
Howard	*1,053.15	18,791.45	7,761.35		1,050.73	21,016.92	2,351.43	56,138.73	50,584.09	*5,653.36
Humboldt	5,826.32	26,866.13	7,197.48			35,549.07	381.13	67,779.68	57,186.07	10,593.61
Ida	875.28	33,149.01	7,131.17			2,732.41		68,414.19	62,271.82	6,142.37
Iowa	29,941.75	38,947.08	6,749.36			33,225.29	909.33	110,736.80	99,818.73	10,918.10
Jackson	29,154.07	22,539.56	10,763.04			30,339.00		54,962.32	44,274.61	10,687.71
Jasper	11,845.78	42,113.13	12,109.39				248.92	66,414.19	56,184.51	10,229.68
Jefferson	15,615.42	33,214.08	7,147.72			27,440.48	1,063.35	75,111.05	62,271.82	12,839.23
Johnson	8,875.87	48,849.78	10,132.84			32,296.14	8,171.70	108,326.23	88,683.44	19,642.80
Kiowa	1,856.11	27,727.73	9,436.35		199.97	18,053.26	3,191.28	58,964.70	51,023.00	7,941.61
Kossuth	22,781.63	31,288.14	9,585.57		1,046.39	29,989.84	562.32	71,995.18	54,454.55	17,500.63
Lee	1,685.96	38,989.25	9,029.96		4,492.65	45,069.53	3,414.48	142,439.13	112,678.77	29,760.36
Linn	4,090.61	50,611.77	10,303.12		2,826.97	28,830.26	1,403.93	79,940.36	60,567.78	*27.42
Louisia	*968.80	30,011.64	6,063.29			26,971.77	1,773.55	139,930.12	109,961.90	29,978.22
Lucas	4,025.68	17,069.83	7,164.31		1,000.00	22,092.47	788.71	51,930.55	44,036.21	7,900.34
Lyon	*1,806.71	33,325.14	10,784.12		1,243.25	35,231.30	173.04	66,952.14	60,578.31	6,373.83
Madison	3,162.89	26,234.19	8,763.33			8,853.39	47,015.80	24,216.02	22,799.78	1,416.24
Mahaska	3,162.89	32,800.90	4,908.35			28,080.71	6,754.67	82,068.58	66,954.12	15,114.46
Marion	19,751.82	27,601.95	9,588.99				3,685.87	60,008.63	34,643.50	25,365.13
Marshall	17,628.38	24,908.56	9,496.65			546.95	1,363.39	53,391.23	43,521.64	9,869.50
Mills	2,039.27	30,714.22	6,707.35			597.30	1,317.32	31,315.46	28,331.53	2,983.93
Mitchell	*927.76	30,272.50	7,678.42				27,877.22	64,595.08	63,347.63	*1,247.45
Monona	9,391.13	30,049.77	11,234.49				13,008.33	90,000.00	34,949.45	18,724.77
Monroe	5,397.16	6,274.35	6,864.71				9,000.00	27,536.22	2,560.42	2,820.42
Montgomery	8,333.27	16,847.53	6,869.49				6,308.78	38,275.09	37,185.50	1,089.59
Muscatine	4,023.35	32,214.51	6,476.05		1,457.23	34,332.46	2,651.30	81,162.90	64,033.94	16,569.96
O'Brien	38,145.82	46,847.81	9,436.33		1,065.15	17,936.03	1,678.80	114,469.06	82,329.04	32,140.02
Oceola	13,985.89	24,540.61	6,530.73			22,892.49	4,414.68	68,484.31	52,503.52	15,980.79
Page	23,744.01	31,457.28	8,806.14			700.00		104,045.79	67,286.10	*37,825.77
Palo Alto	14,791.38	28,601.93	9,461.08			33,985.90	18,045.79	94,055.49	82,732.40	11,323.09
Plymouth	8,590.47	61,821.05	9,954.47			16,106.80	4,474.08	102,271.97	90,928.87	11,343.10
Pocahontas	2,485.45	38,763.94	9,195.22			45,815.39	4,617.87	294,782.29	197,132.00	9,650.29
Polk	1,127.02	160,363.30	9,884.10			47,219.49		24,207.87	64,598.00	17,609.87
Portsmouth	*513.79	50,615.99	15,887.50				3,280.48	69,270.18	64,188.00	5,082.18
Poweshiek	*9,076.04	35,115.88	9,613.75			44,177.85	2,587.15	82,423.09	54,579.73	*27,843.36
Ringgold	*1,935.42	24,846.92	7,125.33			17,008.25		47,151.26	42,041.72	5,109.54
Sac	50,230.34	39,750.29	7,868.97		570.71	79,992.97	2,046.30	189,619.78	153,634.07	36,005.71
Scott	*13,435.12	39,368.72	7,451.31			48,790.67	3,291.67	85,467.25	83,522.56	1,944.69
Shelby	930.88	22,955.37	9,767.99				395.32	44,049.29	34,753.41	9,295.88

SUMMARY TABLE NO. 21—(Continued)

County	Balance of Overdraft Jan. 1, 1925	Tax Levy	Gasoline Tax	Sale of Bonds	Refunds from Townships	Refunds From Primary Road Fund Maintenance	Special Assessment and Miscellaneous	Totals	Disbursements 1924	Balance of Overdraft Jan. 1, 1925
Adair	14,400.56	46,002.45	12,005.87			45,425.54	3,167.42	91,786.02	76,000.50	15,117.50
Adams	10,170.04	33,025.42	9,402.16		2,872.96	1,890.00	6,082.94	57,365.42	57,365.42	32,745.70
Adair	2,430.96	22,674.79	8,855.87		1,330.50	12,603.98	2,162.58	46,732.61	46,732.61	5,654.97
Adair	6,417.31	33,486.08	7,091.80		21,879.15	21,879.15	667.23	51,356.47	50,255.72	38,000.74
Adair	15,774.02	37,744.22	7,847.88		13,604.64	13,604.64	30.50	59,245.84	59,245.84	2,653.97
Adair	15,774.02	37,744.22	7,847.88		13,604.64	13,604.64	30.50	59,245.84	59,245.84	10,211.37
Adair	6,017.61	29,296.76	9,402.16		5,222.25	2,285.00	10,507.25	46,447.45	46,447.45	30,211.37
Adair	9,126.88	33,025.42	9,402.16		3,728.10	21,419.15	352.50	46,545.90	46,545.90	9,685.18
Adair	90,531.62	56,867.50	11,999.35		31,236.64	75,498.27	75,498.27	124,135.80	45,842.52	29,701.37
Adair	12,849.41	22,802.29	6,617.03		34,354.79	10,414.01	10,414.01	77,281.38	131,240.37	7,064.57
Adair	12,849.41	22,802.29	6,617.03		34,354.79	10,414.01	10,414.01	77,281.38	131,240.37	17,653.29
Adair	4,928.84	22,715.78	6,617.03		28,281.50	10,414.01	10,414.01	102,773.94	102,773.94	49,840.52
Adair	4,928.84	22,715.78	6,617.03		28,281.50	10,414.01	10,414.01	102,773.94	102,773.94	3,887.13
Adair	4,928.84	22,715.78	6,617.03		28,281.50	10,414.01	10,414.01	102,773.94	102,773.94	11,850.48
Totals	\$60,531.39	\$9,378,553.43	\$885,144.36		\$9,102.52	\$1,772,386.74	\$803,296.31	\$7,806,007.16	\$6,518,721.08	\$1,280,286.08

*Indicates overdraft.

SUMMARY TABLE NO. 22

Financial Statement—Township Road Drag and Drainage Funds—Annual Report of County Engineers.

County	Balance or Overdraft Jan. 1, 1925	Receipts 1925	Total	Disbursements 1925	Balance of Overdraft Jan. 1, 1926
Adair	\$ 13,167.07	\$ 54,974.39	\$ 68,141.46	\$ 52,323.02	\$ 15,817.84
Adams	6,001.91	39,712.09	45,714.00	29,259.40	6,454.00
Adair	4,183.50	58,672.20	62,855.70	53,457.28	4,398.51
Adair	6,082.70	46,541.64	52,624.34	43,920.74	8,701.60
Adair	3,215.46	32,700.20	35,915.66	31,378.50	6,307.16
Adair	14,538.80	73,657.50	88,246.70	67,840.59	20,436.20
Adair	12,538.48	67,304.19	79,737.58	60,788.18	18,951.40
Adair	22,147.18	115,647.09	137,794.27	115,005.40	22,128.87
Adair	2,815.24	35,396.87	38,062.11	33,077.52	4,374.59
Adair	8,016.93	45,412.64	53,429.57	44,811.31	9,618.26
Adair	33,075.41	89,239.12	122,314.53	82,306.31	39,536.22
Adair	7,980.25	59,270.80	67,251.05	56,716.04	10,534.61
Adair	33,517.86	75,988.07	109,505.93	82,329.14	47,177.39
Adair	13,071.40	75,436.45	88,497.85	67,374.72	21,123.13
Adair	8,802.25	41,071.63	49,873.88	37,687.05	12,297.23
Adair	10,208.79	75,637.45	85,846.24	76,326.32	12,519.83
Adair	30,670.41	78,702.31	109,372.72	69,643.76	39,728.96
Adair	10,300.86	69,775.21	79,076.07	66,301.25	14,684.82
Adair	10,008.48	52,835.81	62,844.29	52,363.52	10,630.57
Adair	5,382.55	39,447.43	44,830.00	38,829.98	13,457.52
Adair	37,763.03	59,792.38	97,555.41	52,470.00	45,751.47
Adair	11,373.78	47,315.21	58,689.00	45,751.47	13,937.53
Adair	14,953.74	81,438.33	96,392.07	79,347.27	17,046.80
Adair	9,230.75	89,850.46	99,081.21	80,241.32	18,839.89
Adair	16,659.95	124,288.25	140,948.20	114,933.61	24,010.59
Adair	7,138.90	47,389.00	54,527.90	45,033.69	11,409.97
Adair	6,286.56	29,428.04	35,714.60	24,162.72	11,584.48
Adair	7,491.58	58,473.44	65,965.02	57,350.18	8,638.84
Adair	14,464.15	46,983.28	61,447.43	52,716.68	8,730.75
Adair	10,247.72	31,236.51	41,484.23	30,112.59	10,941.60
Adair	4,748.14	52,647.16	57,395.30	47,427.28	9,968.02
Adair	33,763.11	52,688.80	86,451.91	52,613.08	33,778.02
Adair	11,008.14	83,859.29	94,867.43	80,022.39	14,844.04
Adair	10,377.86	63,221.00	73,598.86	61,113.57	12,485.29
Adair	21,422.07	67,804.78	89,226.85	68,290.42	20,900.43
Adair	9,035.12	48,420.07	57,455.19	44,492.85	7,981.94
Adair	42,022.25	90,469.85	132,492.10	85,001.00	45,507.68
Adair	15,977.83	54,024.21	70,002.04	48,187.21	21,814.73
Adair	24,836.51	66,683.93	91,520.44	74,008.47	16,921.97
Adair	46,538.96	72,983.92	119,522.91	67,492.19	52,030.72
Adair	14,000.39	48,943.07	62,943.47	46,500.26	17,373.01
Adair	21,000.25	56,740.39	77,740.64	54,625.44	23,205.40
Adair	13,839.38	69,276.08	83,115.46	69,979.86	23,135.00
Adair	7,418.33	29,046.35	36,464.68	29,147.88	7,316.80
Adair	13,440.73	49,819.38	63,260.11	40,460.40	13,800.71
Adair	21,290.90	55,439.16	76,730.06	52,770.10	23,984.96
Adair	14,913.27	45,817.75	60,731.02	37,617.00	23,114.02
Adair	18,268.76	70,852.40	89,121.16	66,032.91	23,088.25
Adair	8,319.55	59,116.24	67,435.79	56,458.06	10,977.73
Adair	7,927.75	43,104.97	51,032.72	39,499.02	11,563.70
Adair	9,569.44	69,567.88	79,137.32	57,512.86	12,324.46
Adair	8,777.89	53,817.93	62,595.82	49,929.54	13,666.98
Adair	8,588.03	54,406.97	62,994.00	50,763.14	12,232.90
Adair	10,536.26	51,246.79	61,783.05	47,541.03	14,242.02
Adair	3,332.31	55,463.63	58,796.94	55,514.84	3,282.10
Adair	24,077.42	47,762.82	71,840.24	50,617.05	21,222.50
Adair	13,234.45	107,029.96	120,264.41	102,343.31	18,540.50
Adair	8,783.79	28,469.16	37,252.95	28,745.56	8,506.39
Adair	1,870.10	43,082.49	44,952.59	39,583.96	5,368.63
Adair	20,287.17	55,408.59	75,695.76	42,695.92	33,000.84
Adair	5,470.07	53,490.43	58,960.50	52,613.70	6,346.74
Adair	12,066.62	76,086.82	88,153.44	67,321.69	21,431.75
Adair	12,835.52	78,375.57	91,211.09	71,401.67	19,809.74
Adair	21,080.88	65,654.52	86,735.40	68,089.74	18,645.66
Adair	238.94	52,533.79	52,772.73	47,740.65	5,032.08
Adair	14,063.56	49,804.99	63,868.55	50,170.60	14,387.97
Adair	4,613.13	45,797.87	50,411.00	42,982.92	8,327.08
Adair	2,816.12	25,977.73	28,793.85	24,502.79	4,291.06
Adair	2,469.05	49,419.29	51,888.34	46,450.94	5,437.44
Adair	18,107.62	50,292.42	68,400.04	46,703.94	21,746.10

SUMMARY TABLE NO. 22—(Continued)

County	Balance or Overdraft Jan. 1, 1925	Receipts 1925	Total	Disbursements 1925	Balance of Overdraft Jan. 1, 1926
O'Brien	28,656.18	28,880.65	57,536.83	55,282.38	42,254.45
Osceola	23,900.74	28,348.26	52,249.00	39,077.02	22,471.98
Page	12,545.88	49,158.74	61,704.62	49,179.95	12,524.67
Palo Alto	16,483.15	69,753.69	86,236.84	62,939.65	23,297.19
Plymouth	18,004.83	63,483.89	81,488.72	57,192.64	24,296.08
Pocahontas	25,246.56	84,136.00	109,382.56	69,001.10	27,452.06
Polk	15,732.39	76,945.09	92,677.48	74,527.62	18,149.87
Pottawattamie	3,835.42	26,135.48	29,970.90	22,022.94	7,947.96
Poweshiek	18,345.77	72,133.42	90,479.19	70,968.13	19,480.96
Ringgold	7,560.92	31,957.88	39,518.80	28,575.53	10,943.27
Sac	36,433.12	86,324.74	122,757.86	71,811.14	44,946.72
Scott	11,482.49	53,576.80	65,059.29	45,721.62	23,606.16
Shelby	11,482.49	78,751.43	90,233.92	74,155.50	16,035.42
Sioux	24,323.35	77,108.40	101,431.75	70,150.25	31,341.50
Story	39,100.17	84,656.75	123,756.92	84,500.47	39,256.45
Tama	15,967.33	94,170.69	110,138.02	88,403.44	21,733.98
Taylor	5,967.77	54,399.78	60,367.55	46,842.13	13,525.42
Union	6,903.34	36,115.81	43,119.15	33,485.40	8,634.00
Van Buren	5,017.64	28,066.63	33,084.27	23,999.40	9,714.87
Wapello	11,816.84	59,534.27	71,351.11	46,781.11	15,570.00
Warren	6,746.46	45,383.36	52,129.82	41,887.45	10,242.37
Washington	7,833.77	65,095.29	72,929.06	62,132.31	10,771.72
Wayne	8,221.00	31,111.12	39,332.12	30,337.22	8,975.46
Webster	26,451.05	75,802.66	102,253.71	73,739.40	28,533.31
Winnebago	15,980.00	69,855.12	85,835.12	57,793.95	18,041.18
Winneshek	19,679.16	51,535.35	71,214.51	49,308.72	12,866.79
Woodbury	13,534.51	65,000.52	78,535.03	57,763.48	21,041.06
Worth	11,333.39	49,949.66	61,283.05	42,745.97	9,427.99
Wright	23,974.13	79,745.93	103,719.16	77,366.44	26,352.72
Totals	\$1,461,979.57	\$6,819,191.96	\$8,281,171.53	\$6,493,771.81	\$1,787,400.72

SUMMARY TABLE NO. 23
Bonded Indebtedness of Counties—Annual Report of County Engineers.

County	County Roads				County Roads			
	Bonds Outstanding Jan. 1, 1925	Bonds Issued 1925	Bonds Paid 1925	Bonds Outstanding Jan. 1, 1926	Bonds Outstanding Jan. 1, 1925	Bonds Issued 1925	Bonds Paid 1925	Bonds Outstanding Jan. 1, 1926
Adair	\$ 64,229.48		\$ 6,000.00	\$ 64,229.48	\$ 23,270.29		\$ 3,000.00	\$ 20,270.29
Adams	30,000.00		6,000.00	36,000.00	30,652.39		2,000.00	28,652.39
Adair	62,322.51			62,322.51	70,882.24			70,882.24
Adair	102,000.00		\$ 84,000.00	186,000.00	9,400.00			9,400.00
Adair	182,000.00		30,000.00	212,000.00	182,000.00			182,000.00
Adair	200,000.00		5,500.00	205,500.00	291,700.00			291,700.00
Adair	25,000.00		2,500.00	27,500.00	15,000.00		2,500.00	12,500.00
Adair	20,000.00		1,500.00	21,500.00	25,000.00		11,000.00	14,000.00
Adair	50,000.00		3,000.00	53,000.00	232,000.00		2,000.00	234,000.00
Adair	30,000.00		25,000.00	55,000.00	182,000.00			182,000.00
Adair	20,000.00		20,000.00	40,000.00	52,000.00			52,000.00
Adair	82,250.00		9,250.00	91,500.00	62,276.03		4,000.00	58,276.03
Adair	392,988.08		5,000.00	397,988.08	72,011.92			72,011.92
Adair	101,500.00		4,000.00	105,500.00	5,000.00			5,000.00
Adair	131,470.00			131,470.00	88,238.02			88,238.02
Adair	40,000.00		14,000.00	54,000.00	276,300.00		14,000.00	290,300.00
Adair	82,000.00		9,000.00	91,000.00	26,000.00			26,000.00
Adair	224,000.00		6,000.00	230,000.00	339,000.00		4,000.00	343,000.00
Adair	211,887.36			211,887.36	157,471.30			157,471.30
Adair	169,500.00		6,000.00	175,500.00	60,500.00		3,300.00	47,200.00
Adair	262,100.00		1,000.00	263,100.00	29,400.00		3,000.00	26,400.00
Adair	40,000.00		3,000.00	43,000.00	29,400.00			29,400.00
Adair	225,000.00		14,000.00	239,000.00	398,500.00			398,500.00
Adair	136,000.00		19,000.00	155,000.00	40,000.00			40,000.00
Adair	245,574.62			245,574.62	78,011.98			78,011.98
Adair	224,000.00		22,500.00	246,500.00	404,000.00		16,000.00	388,000.00
Adair	224,000.00			224,000.00	38,000.00			38,000.00

SUMMARY TABLE 1, J. 23—(Continued)

County	Bridge			County Roads		
	Bonds Outstanding Jan. 1, 1925	Bonds Issued 1925	Bonds Outstanding Jan. 1, 1925	Bonds Issued 1925	Bonds Outstanding Jan. 1, 1925	Bonds Outstanding Jan. 1, 1925
Greene.....	337,000.00	5,000.00	337,000.00	71,000.00	71,000.00	71,000.00
Grundy.....	327,000.00	327,000.00	327,000.00	10,000.00	10,000.00	10,000.00
Guthrie.....	232,916.91	30,000.00	262,916.91	62,083.00	89,000.00	52,083.00
Hamilton.....	45,000.00	30,000.00	15,000.00	204,000.00	89,000.00	281,000.00
Hancock.....	500,700.22	8,000.00	122,704.22	218,294.10	15,000.00	203,294.10
Hardin.....	149,000.00		149,000.00	85,000.00	35,000.00	47,300.00
Henry.....	25,700.00	2,800.00	27,500.00	14,300.00	2,500.00	12,300.00
Howard.....	46,000.00		46,000.00	82,465.44		82,465.44
Humboldt.....	41,000.00		41,000.00	27,000.00		27,000.00
Ia.....	22,000.00	10,000.00	12,000.00	58,181.00		58,181.00
Jackson.....	159,000.00	7,000.00	149,000.00	202,000.00	9,000.00	193,000.00
Jasper.....	827,000.00	7,000.00	820,000.00	45,008.00	5,000.00	40,468.00
Jefferson.....	67,151.91	10,000.00	62,151.91	56,000.00		56,000.00
Johnson.....	71,745.23	10,000.00	61,745.23	11,055.00		11,055.00
Keokuk.....	41,445.00		41,445.00	388,000.00	8,000.00	380,000.00
Kossuth.....	140,200.00	10,000.00	130,200.00	22,468.86		22,468.86
Lee.....	22,468.86		22,468.86	117,000.00	175,000.00	169,000.00
Linn.....	60,000.00	60,000.00	0.00	175,000.00	15,000.00	160,000.00
Louis.....	65,000.00	7,000.00	152,000.00	156,321.44		156,321.44
Louisia.....	10,100.00		10,100.00	65,000.00		65,000.00
Lyon.....	84,456.98		84,456.98	15,543.02		15,543.02
Madison.....	37,207.50	2,823.28	54,225.52	38,646.02	910.00	37,736.25
Mahaska.....	114,921.64	1,500.00	113,421.64	40,454.79	500.00	39,954.19
Marion.....	230,448.88	5,000.00	285,448.88	90,331.94	5,000.00	85,331.94
Marshall.....	100,000.00		100,000.00	199,464.35		189,464.35
Mills.....	301,225.00	10,000.00	293,225.00	199,464.35	10,000.00	189,464.35
Mitchell.....	72,714.00		72,714.00	221,515.00		221,515.00
Monona.....	18,000.00	3,000.00	15,000.00	18,000.00	3,000.00	15,000.00
Monroe.....	17,000.00		17,000.00	174,000.00	25,000.00	149,000.00
Montgomery.....	25,000.00	11,250.00	40,250.00	4,000.00	3,000.00	1,000.00
Monticello.....	32,000.00		32,000.00	4,000.00	5,000.00	1,000.00
Morgan.....	183,482.72		183,482.72	29,291.25		29,291.25
O'Brien.....	159,200.00	1,000.00	160,200.00	149,259.00	6,000.00	143,259.00
Osceola.....	320,150.00	10,000.00	340,150.00			
Page.....						

Palo Alto.....	161,000.00	30,000.00	131,000.00	290,500.00	2,000.00	292,500.00
Plymouth.....	119,000.00	15,000.00	104,000.00	650,000.00	6,000.00	656,000.00
Polk.....	509,850.00	10,000.00	500,000.00	694,000.00		694,000.00
Pottawattamie.....	180,000.00	10,000.00	170,000.00	61,000.00	8,500.00	69,500.00
Ringgold.....	20,000.00		20,000.00	32,000.00		32,000.00
Sac.....	97,423.49	320.28	97,003.21	32,000.00	3,000.00	31,500.00
Scott.....	137,000.00	9,100.00	157,000.00	65,000.00	5,000.00	60,000.00
Shelby.....	132,000.00		132,000.00	20,000.00	5,000.00	25,000.00
Sioux.....	32,000.00	11,000.00	21,000.00	20,000.00		20,000.00
Starbuck.....	30,000.00		30,000.00	282,000.00		282,000.00
Taylor.....	218,468.51	5,000.00	208,468.51	30,031.49		27,031.49
Union.....	323,000.00	4,383.89	39,765.88	50,329.47	2,010.30	48,319.17
Van Buren.....		11,000.00	112,000.00	5,000.00		5,000.00
Warren.....	275,500.00	10,000.00	268,500.00			
Washington.....	4,000.00	4,000.00	8,000.00	8,000.00		8,000.00
Wayne.....	14,328.59	3,000.00	11,328.59	12,000.00	2,000.00	14,000.00
Webster.....				17,354.71	3,000.00	14,354.71
Wenger.....	155,000.00		155,000.00	60,000.00		60,000.00
Winnebago.....	118,000.00	16,000.00	130,000.00	25,000.00		25,000.00
Woodbury.....				60,000.00		60,000.00
Worth.....				60,000.00	9,000.00	69,000.00
Wright.....	108,500.00	9,500.00	99,000.00	421,913.43	13,000.00	408,913.43
Totals.....	\$ 13,759,826.46	\$ 180,000.00	\$ 13,499,826.46	\$ 8,963,373.01	\$ 422,626.86	\$ 8,486,746.15

SUMMARY TABLE NO. 24
Total Indebtedness of Counties for County Roads and Bridges January 1, 1926—Annual Report of County Engineers.

County	Bridges			Roads			Total	Total County Road and Bridge Indebtedness
	Outstand- ing Bills	Warrants Issued and Stamped	Warrants Outstand- ing Not Stamped	Outstand- ing Bills	Warrants Issued and Stamped	Warrants Outstand- ing Not Stamped		
Adair	\$ 1,801.13			\$ 66,030.61	\$ 621.23	\$ 45.00	\$ 29,270.50	\$ 95,968.83
Adams	1,000.00			94,000.00			12,000.00	107,000.00
Albany				122,775.56			70,982.34	193,757.90
Albion				126,775.56			70,982.34	197,757.90
Admission				262,714.45		174.50	9,400.00	272,888.95
Benton	1,000.00			366,000.00			22,000.00	389,000.00
Black Hawk	2,456.88			184,533.56			134.78	186,925.12
Boone	700.00			201,538.22			22,000.00	204,236.22
Buchanan				22,000.00			22,000.00	44,000.00
Buena Vista				281,000.00			278,000.00	559,000.00
Burder	6,435.04			29,037.44			278,000.00	333,472.48
Calhoun				26,000.00			278,000.00	294,000.00
Cass				69,200.00			278,000.00	347,200.00
Cedar				189,000.00			278,000.00	467,000.00
Cerro Gordo	41.25	\$ 1,106.16		75,109.01	1,302.51		28,000.00	104,526.82
Cherokee				104.64			28,000.00	28,104.64
Chickasaw				109.58			28,000.00	28,109.58
Clarke				111,132.18			28,000.00	139,132.18
Clay	3,067.57			179,470.00	4,741.46		28,000.00	187,279.03
Clayton				70,000.00			28,000.00	98,000.00
Clinton	6,000.00			112,628.41			28,000.00	128,628.41
Clintonville	5,200.00			531,000.00	4,700.00		28,000.00	540,900.00
Dallas				211,887.26			28,000.00	239,887.26
Davis				169,000.00			28,000.00	197,000.00
De Witt				161,100.00			28,000.00	189,100.00
Delaware				46,000.00			28,000.00	74,000.00
Des Moines				106,775.20			28,000.00	134,775.20
Dubuque	800.00			214,000.00			28,000.00	216,800.00
Emmet	22.60			119,322.00			28,000.00	147,344.60
Fayette	1,000.00			345,574.63	3,633.23		28,000.00	354,208.86
Franklin				284,141.77			28,000.00	312,141.77
Frederick				119,322.00			28,000.00	147,322.00
Franklin				345,574.63			28,000.00	373,574.63
Grant				284,141.77			28,000.00	312,141.77
Grundy				119,322.00			28,000.00	147,322.00
Guerrick				345,574.63			28,000.00	373,574.63
Hamilton				284,141.77			28,000.00	312,141.77
Hancock				119,322.00			28,000.00	147,322.00
Harrison				345,574.63			28,000.00	373,574.63
Henry				284,141.77			28,000.00	312,141.77
Howard				119,322.00			28,000.00	147,322.00
Humboldt				345,574.63			28,000.00	373,574.63
Iowa				284,141.77			28,000.00	312,141.77
Jackson				119,322.00			28,000.00	147,322.00
Jasper				345,574.63			28,000.00	373,574.63
Jefferson				284,141.77			28,000.00	312,141.77
Jones				119,322.00			28,000.00	147,322.00
Keokuk				345,574.63			28,000.00	373,574.63
Kossuth				284,141.77			28,000.00	312,141.77
Lee				119,322.00			28,000.00	147,322.00
Linn				345,574.63			28,000.00	373,574.63
Lodges				284,141.77			28,000.00	312,141.77
Lyon				119,322.00			28,000.00	147,322.00
Madison				345,574.63			28,000.00	373,574.63
Mahar				284,141.77			28,000.00	312,141.77
Marion				119,322.00			28,000.00	147,322.00
Marshall				345,574.63			28,000.00	373,574.63
Mills				284,141.77			28,000.00	312,141.77
Mitchell				119,322.00			28,000.00	147,322.00
Monroe				345,574.63			28,000.00	373,574.63
Montgomery				284,141.77			28,000.00	312,141.77
Muscatine				119,322.00			28,000.00	147,322.00
Muskegon				345,574.63			28,000.00	373,574.63
Obion				284,141.77			28,000.00	312,141.77
Page				119,322.00			28,000.00	147,322.00
Palo Alto				345,574.63			28,000.00	373,574.63
Plymouth				284,141.77			28,000.00	312,141.77
Polk				119,322.00			28,000.00	147,322.00
Polkville				345,574.63			28,000.00	373,574.63
Pottawattamie				284,141.77			28,000.00	312,141.77
Poweshiek				119,322.00			28,000.00	147,322.00
Ringgold				345,574.63			28,000.00	373,574.63
Ross				284,141.77			28,000.00	312,141.77
Sac				119,322.00			28,000.00	147,322.00
Salem				345,574.63			28,000.00	373,574.63
Shelby				284,141.77			28,000.00	312,141.77
Shoer				119,322.00			28,000.00	147,322.00

SUMMARY TABLE NO. 24—(Continued)

County	Bridges					Roads					Total County Road and Bridge Indebtedness
	Outstanding Bills	Warrants Issued and Stamped	Warrants Outstanding Not Stamped	Bonds Outstanding	Total	Outstanding Bills	Warrants Issued and Stamped	Warrants Outstanding Not Stamped	Bonds Outstanding	Total	
Story	5,441.95			30,000.00	35,441.95	1,790.41			288,000.00	289,790.41	321,232.36
Tama				208,468.51	208,468.51				20,021.49	20,021.49	228,490.00
Taylor	1,256.63			30,766.38	32,023.01	27.25			47,783.27	47,810.52	79,833.73
Union				113,000.00	113,000.00				5,000.00	5,000.00	117,000.00
Van Buren			35.25	508,500.00	508,535.25			784.94		784.94	509,320.19
Wapello		1,000.00			1,025.46	6.55		508.90	5,000.00	5,515.45	6,540.91
Warren	5.46			85,000.00	85,005.46				10,000.00	10,005.46	95,010.92
Washington				11,138.50	11,270.12				14,334.71	14,334.71	25,604.83
Wayne									66,000.00	66,000.00	66,000.00
Webster									265,000.00	265,000.00	265,000.00
Winnebago									23,000.00	23,000.00	23,000.00
Winneshek	4,956.35	17,061.40	994.29	128,000.00	133,011.04	1,718.14		436.23	80,000.00	80,436.23	187,095.41
Woodbury	3,000.00		460.47	118,000.00	121,460.47	8,000.00		1,041.98	60,000.00	61,041.98	150,511.45
Worth			1,191.37		1,191.37				196.82	196.82	1,388.19
Wright				60,000.00	60,000.00				408,913.43	408,913.43	507,913.43
Totals	881,139.00	829,988.80	834,059.98	613,436,071.00	613,813,269.77	885,701.03	554,562.50	838,844.34	88,480,716.15	88,650,824.71	822,473,084.48

SUMMARY TABLE NO. 25

Classification of Township Road Work—Annual Report of County Engineers.

County	No. of Townships in County	No. of Townships Reporting	Construction	Maintenance	Special Cases (Railroad) Crossings	Total	Total Mileage	Total Mileage Gravelled
Adair	18	17	\$ 29,314.34	\$ 30,519.13		\$ 60,834.47	906.23	
Adams	12	11	39,259.40	39,259.40		78,518.80	671.00	
Allamakee	18	11	1,974.17	29,139.83		31,114.00	857.00	
Appanoose	17	17	44,837.02	44,837.02		89,674.04	745.00	
Audubon	12	8	90.65	36,368.91	\$ 173.64	36,532.20	864.00	
Benton	20	16	68,163.70	68,163.70		136,327.40	1,066.50	
Black Hawk	18	17	6,022.08	54,714.00		60,736.08	788.00	
Boone	17	17	74,954.46	44,639.92	2,238.99	121,833.37	837.00	130.00
Bremer	14	8	6,122.35	28,192.98		34,315.33	710.00	85.00
Buchanan	16	10	22,107.08	22,704.23		44,811.31	864.00	
Buena Vista	17	15	59,849.72	49,066.11		108,915.83	959.00	128.00
Butler	16	16	4,364.86	52,639.19		57,004.05	874.13	
Calhoun	16	16	10,540.62	79,589.91		90,130.53	876.00	47.50
Carroll	16	16	3,830.32	64,244.50		68,074.82	890.00	
Cass	16	10	6,437.13	30,926.44		37,363.57	963.75	
Cedar	17	17	76,326.32	76,326.32		152,652.64	863.80	
Cerro Gordo	16	16	19,973.59	49,671.17		69,644.76	908.00	3.25
Cherokee	16	16	963.67	55,397.68		56,361.35	870.25	
Chickasaw	12	12	6,896.09	45,667.63		52,563.72	897.00	
Clarke	13	10	31,430.32	31,430.32		62,860.64	785.00	
Clay	16	11	30,580.57	32,189.51		62,770.08	870.00	180.00
Clayton	22	13	6,453.17	32,481.26		38,934.43	1,012.50	
Clinton	20	19	13,439.73	60,972.91	5,334.63	79,747.27	944.02	10.00
Crawford	20	20	751.99	85,459.33		86,211.32	1,270.00	
Dallas	16	16	78,616.65	49,210.28		127,826.93	821.50	154.96
Davis	15	15	43,063.09	43,063.09		86,126.18	796.00	
Decatur	16	12	24,089.84	24,089.84		48,179.68	700.97	
Delaware	16	16	7,777.92	49,558.26		57,336.18	827.00	
Des Moines	13	13	6,092.45	49,624.23		55,716.68	675.00	
Dickinson	12	7	19,491.97	15,029.00		34,520.97	640.00	24.50
Dubuque	17	13	47,437.38	47,437.38		94,874.76	763.00	
Emmet	12	12	40,889.46	24,036.24	240.00	65,165.70	500.00	66.50
Fayette	20	20	94,867.43	94,867.43		189,734.86	1,092.10	131.30
Floyd	12	12	53,024.95	9,285.86	830.21	63,141.02	796.75	15.00
Franklin	16	13	10,171.09	55,233.33		65,404.42	1,000.00	
Fremont	13	10	44,492.85	44,492.85		88,985.70	739.75	
Greene	15	15	25,429.66	118,772.64		144,202.30	1,091.45	139.00

SUMMARY TABLE NO. 27

SUMMARY TABLE NO. 27—(Continued)

Showing Road Mileage of Each County and Total Mileage of the State.

County	Primary System	Secondary System		Total Mileage
		County	Township	
Adair.....	57.40	114.30	906.25	1,077.95
Adams.....	35.40	106.65	671.00	813.06
Allamakee.....	85.80	307.50	867.00	1,060.30
Appanoose.....	75.80	119.75	745.00	940.55
Audubon.....	48.40	95.90	884.00	1,028.30
Benton.....	10.70	155.00	1,096.50	1,311.20
Black Hawk.....	72.00	127.75	788.50	988.25
Boone.....	78.00	118.25	867.00	1,063.25
Bremer.....	72.10	70.24	710.00	852.34
Buchanan.....	46.00	132.00	854.00	1,032.00
Buena Vista.....	67.40	111.50	960.00	1,138.90
Butler.....	69.30	145.00	874.13	1,088.43
Calhoun.....	73.00	108.00	876.00	1,057.00
Carroll.....	74.00	122.00	880.00	1,076.00
Cass.....	73.70	76.50	908.75	1,058.95
Cedar.....	75.20	81.00	863.80	1,019.80
Cerro Gordo.....	52.80	112.64	908.00	1,073.44
Cherokee.....	77.00	128.00	870.25	1,075.25
Chickasaw.....	45.70	116.00	807.00	968.70
Clarke.....	44.70	80.00	785.00	909.70
Clay.....	53.90	126.33	870.00	1,050.23
Clayton.....	104.90	134.50	1,012.50	1,251.90
Clinton.....	85.90	128.00	944.02	1,157.92
Crawford.....	81.25	75.60	1,370.00	1,426.85
Dallas.....	86.00	124.80	821.50	1,032.30
Davis.....	47.40	126.25	796.00	969.65
Decatur.....	58.10	123.82	760.97	942.89
Delaware.....	59.30	142.30	827.00	1,028.60
Des Moines.....	39.30	47.75	675.00	762.05
Dickinson.....	42.50	70.50	640.00	753.00
Dubuque.....	81.70	91.65	763.00	936.35
Emmet.....	40.40	63.25	590.00	693.65
Fayette.....	65.20	120.50	1,005.10	1,230.80
Floyd.....	68.70	96.30	766.75	931.75
Franklin.....	42.30	161.75	1,000.00	1,204.05
Fremont.....	56.30	122.00	739.75	917.85
Greene.....	72.60	66.00	1,431.45	1,570.05
Grundy.....	61.20	130.00	738.00	929.20
Guthrie.....	70.00	126.50	906.00	1,102.50
Hamilton.....	67.50	134.40	843.50	1,045.40
Hancock.....	67.00	113.50	808.00	1,028.50
Hardin.....	66.20	126.03	872.13	1,064.36
Harrison.....	71.00	92.50	1,070.00	1,233.50
Henry.....	51.00	100.00	667.00	818.00
Howard.....	50.00	70.68	666.50	797.18
Humboldt.....	40.80	164.10	577.50	722.40
Iowa.....	50.10	90.35	769.00	909.45
Jackson.....	68.10	112.60	820.00	1,000.70
Jasper.....	75.10	82.75	886.00	1,043.85
Jefferson.....	80.20	108.25	1,150.00	1,407.45
Johnson.....	46.20	103.00	582.00	731.20
Johnston.....	73.10	110.83	919.75	1,103.68
Jones.....	63.20	145.00	785.00	993.20
Keokuk.....	78.30	117.00	919.75	1,115.06
Kossuth.....	89.00	191.00	1,502.00	1,782.00
Lee.....	85.00	92.50	645.25	822.75
Linn.....	95.00	120.00	1,130.22	1,345.22
Louis.....	63.20	70.50	843.00	976.70
Lucas.....	56.00	107.00	646.00	809.00
Lyon.....	66.10	125.00	912.00	1,103.10
Madison.....	56.40	131.75	896.40	1,084.55
Malleshuk.....	85.00	90.00	931.75	1,106.75
Marion.....	91.20	102.50	885.00	1,078.70
Marshall.....	40.20	107.02	847.45	1,054.67
Mills.....	48.40	86.00	644.00	778.40
Mitchell.....	50.80	88.70	615.80	755.30
Monona.....	71.80	97.85	1,020.75	1,190.40
Monroe.....	68.10	122.00	562.00	752.10
Montgomery.....	54.80	75.75	685.38	815.93
Muscatine.....	94.20	57.63	592.20	744.03
O'Brien.....	73.80	121.75	930.00	1,125.55
Osceola.....	42.70	56.30	645.40	744.40

County	Primary System	Secondary System		Total Mileage
		County	Township	
Page.....	67.30	125.71	831.86	1,024.87
Palo Alto.....	48.90	126.50	701.25	876.65
Plymouth.....	118.40	119.75	1,340.50	1,578.65
Pocahontas.....	64.20	130.50	929.50	1,124.20
Polk.....	92.10	219.00	906.00	1,217.10
Pottawattamie.....	146.70	294.50	1,440.20	1,781.40
Prairie.....	67.00	90.00	980.00	1,137.00
Ringgold.....	32.20	152.00	826.50	1,010.70
Sac.....	90.00	79.26	961.00	1,130.26
Scott.....	82.80	86.79	305.40	375.00
Shelby.....	47.70	114.20	890.00	1,051.90
Sioux.....	73.80	963.25	1,213.00	1,440.05
Story.....	66.10	144.00	841.00	1,051.10
Tama.....	69.90	141.00	1,032.50	1,243.40
Taylor.....	49.50	143.25	900.00	1,092.75
Union.....	32.40	108.00	966.25	1,106.65
Van Buren.....	40.00	208.75	725.15	973.90
Wapello.....	42.00	114.50	670.00	826.50
Warren.....	82.20	107.87	994.00	1,184.17
Washington.....	86.80	108.07	870.25	1,065.12
Wayne.....	62.00	124.00	790.00	976.00
Webster.....	84.00	118.25	673.00	875.25
Winneshiek.....	49.20	97.80	614.50	761.50
Woodbury.....	81.20	119.75	920.37	1,121.32
Worth.....	125.00	118.45	1,232.50	1,475.95
Wright.....	60.00	55.00	690.26	805.26
Wright.....	61.00	121.85	805.00	987.85
Totals.....	6,674.10	11,588.76	84,963.27	102,926.13

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