

State of Iowa
1929

Annual Report of the

State Board of Engineering Examiners

For the Year Ending December 31, 1929



LETTER OF TRANSMITTAL

Des Moines, Iowa, January 1, 1930.

To HIS EXCELLENCY, HON. JOHN HAMMILL,
Governor of Iowa,
Des Moines, Iowa.

Dear Sir:

I have the honor to transmit herewith the annual report of the State Board of Engineering Examiners, in accordance with Chapter Eighty-nine (89) of the Code of 1927.

Very respectfully,

(Signed) JOHN S. DODDS, *Chairman.*

Iowa State Board of Engineering Examiners.



**STATE BOARD OF EXAMINERS FOR PROFESSIONAL
ENGINEERS AND LAND SURVEYORS**

- J. S. DODDS**, Ames, Iowa.....Chairman for 1930
Drainage and Land Surveying.
Commission expires July 1, 1931.
- GEORGE J. KELLER**, Iowa City, Iowa.....Vice-Chairman for 1930
Electrical and Mechanical Engineering.
Commission expires July 1, 1933.
- L. M. MARTIN**, Council Bluffs, Iowa.
Highway and Railway Engineering.
Commission expires July 1, 1931.
- CLARE H. CURRIE**, Webster City, Iowa.
Municipal and Sanitary Engineering.
Commission expires July 1, 1931.
- W. P. NEMMERS**, Des Moines, Iowa.
Structural Engineering.
Commission expires July 1, 1933.
- W. C. MERCKENS**, Des Moines, Iowa.....Secretary
- CLAIRE FRIBERG**, Des Moines, Iowa.....Chief Clerk

**REPORT OF BOARD OF ENGINEERING
EXAMINERS**

The Iowa State Board of Engineering Examiners was created by an Act of the Thirty-eighth General Assembly, under authority of Chapter 392, effective July 4, 1919.

The first meeting of the Board was held July 14, 1919, at Des Moines, Iowa, and the following appointments were made:

- Mr. Seth Dean, Glenwood, four years.
Mr. K. C. Kastberg, Des Moines, four years.
Mr. L. M. Martin, Atlantic, four years.
Mr. F. W. Stubbs, Oelwein, two years.
Mr. Alvin LeVan, Ft. Dodge, two years.

From July 4, 1919, to December 31, 1919, the Board of Engineering Examiners registered all applicants without examination who were in practice at the time the law went into effect. There were 1,062 registered during this period.

During the past two years, approximately 150 filed applications, for examination, of which about 125 appeared to take the examination, about fifteen of this number failing to pass the examination satisfactorily.

New rules and regulations have been adopted by the Board of Engineering Examiners from time to time, in an effort to raise the standards of the engineering profession generally.

RECIPROCAL REGISTRATION

Laws of the various states provide for reciprocal registration among the states. The carrying out of these provisions has made it necessary for the several state boards to come to an agreement as to qualifications and conditions for the mutual operation of the several state laws. As a result of conferences between representatives of the several state boards a National Council of State Boards of Engineering Examiners has been formed, and an agreement entered into whereby reciprocal registration can become operative among the states, based on qualifications that will meet all state laws. In most cases this agreement sets a standard higher than the individual state law.

Each state continues to issue its state registration; in addition, where requested, and complying with the requirements, a reciprocal

certificate is issued. The card issued by the Council and signed and sealed by the state board when application is made, is retained by the applicant, and with it a letter or certification is issued to the state where reciprocal registration is desired, to be retained in the files of such state as evidence of the issuance of such registration. This must be accompanied by the regular application with such data as may be required together with the fee required in the state where applicant desires reciprocal registration.

STATES WITH MEMBERSHIP IN THE NATIONAL COUNCIL

Arizona	Iowa	South Carolina
Arkansas	Louisiana	South Dakota
California	Michigan	Tennessee
Colorado	Minnesota	Virginia
Florida	Mississippi	West Virginia
Idaho	North Carolina	Wyoming
Indiana	Oregon	

The following states and provinces of Canada have registration laws for engineers but do not have reciprocal arrangements with the National Council states:

New Jersey	Illinois	Manitoba
New York	New Mexico	New Brunswick
Pennsylvania	Alberta	Nova Scotia
Hawaii	British Columbia	Ontario
		Quebec

NATIONAL COUNCIL OF STATE BOARDS OF ENGINEERING EXAMINERS REVISED ARTICLES OF AGREEMENT RELATING TO RECIPROCAL REGISTRATION OF ENGINEERS.

Article 1. Reciprocal registration as provided for in these Articles of Agreement shall be granted only to an applicant who is already registered in some state which is a member of this Council. A detailed professional record, properly attested, and accompanied by references as to character and qualifications from three registered practicing engineers shall be filed with the applicant's board of examiners. Qualifications for reciprocal registration shall be determined upon the basis of such professional record, thorough consideration of which shall constitute examination.

Article 2. Engineering experience gained by the applicant prior to his reaching the age of eighteen years shall not be counted as a part of his professional experience.

Article 3. Professional experience shall be considered as beginning when the candidate has entered upon a position in professional engineering work which requires original thought and responsibility. For example:

(a) In the field experience shall begin to count when the applicant reaches a position of responsibility equivalent to that of actual transitman.

(b) In the shop or laboratory experience shall begin to count only after apprenticeship, foremanship, inspectorship, or other subordinate positions unless the work done specifically shows that the applicant possesses originality of design and has had responsibility in his subordinate positions.

(c) In the office or drafting room experience shall begin to count when the applicant ceases to do merely tracing, lettering, or purely mechanical

work, requiring for its performance merely manual dexterity and enters a position of responsibility where he begins actual design.

(d) Experience in the teaching of engineering shall begin to count when the applicant is a full time instructor in engineering in an engineering school of recognized standing, and each year of teaching shall be considered equivalent to one year of practice.

Article 4. The applicant shall have had ten years of experience in professional engineering, and in addition shall show that he qualified to design as well as to direct engineering operations, as evidence of qualifications for reciprocal registration, and his experience record shall show progressive advancement in the character of the work performed.

Each case shall be considered on its merits, and the experience record must be given in such complete detail that the Board of Examiners can determine the character of work performed by the applicant.

Article 5. Graduation from an engineering school of recognized standing shall be accepted as the equivalent of four years of such practice.

An engineering school of recognized standing shall be one which requires the equivalent of a high school or preparatory school diploma as an entrance requirement and demands the equivalent of a four years' course in engineering for graduation.

Article 6. Making reciprocal registration operative between the states shall be done by means of certifications from one state to another of the applicant's qualifications. This certification shall be by means of a card or form bearing the date, serial number, and the signatures of the officers and the seal of the board of the state issuing same. This card is to be printed and distributed by the National Council of State Boards of Engineering Examiners.

Article 7. Whenever an applicant applies to his own state board for reciprocal registration, if his qualifications fully comply with the standard herein provided, he shall be granted the same.

(NOTE—The Council has by resolution interpreted "that he may be granted a reciprocal card by the state in which he was first registered, provided the state of which he is a resident does not have a law providing for the registration of engineers.")

Article 8. The aforesaid reciprocal registration certificate shall be prima facie evidence of qualification for registration in any state that is a member of this Council and that has subscribed to these Articles of Agreement. When such reciprocal registration certificate is presented, together with the legal fee required, and such information (other than evidence of qualification) as may be requested for the records of the Board to which the application is made, such board shall issue a registration certificate to the applicant.

Article 9. Any reciprocal certificate may be revoked by the state issuing same upon presentation to its Board of Examiners of good and sufficient evidence of the incompetency or proof that the applicant's character warrants such revocation.

Article 10. Should any questions or disagreements in the interpretation of these Articles arise, such questions shall be referred to the Council for action at its next regular meeting, or if more expeditious action shall be necessary, they may be acted upon by the Council by letter ballot.

If action is taken by letter ballot, such action shall be conducted through the office of the Secretary of the Council in the customary manner; and the votes shall be counted not later than sixty days after forwarding from his office, by registered mail, of questions at issue. The Secretary of the Council shall thereupon immediately certify to the various member boards the roll call and results of the vote, and the determination of the questions at issue; and consequent actions shall be in accordance with the majority of the votes recorded.

RULES AND REGULATIONS

RECIPROCITY

Reciprocal certificates will only be granted if an examination therefor has been held by the State Board granting such certificate.

State Boards of Engineering Examiners with which we have reciprocal relations will be given a list of registrants whose certificates have been revoked, together with the reason for such action.

This Board will issue, upon application and receipt of the fee, as provided by law, our own registration certificate to any person from any of the states with which we have reciprocal agreements, presenting satisfactory evidence that he is registered in good standing with, and recommended by the Board of the State in which applicant is first registered.

To persons registered in other states than those approved and making application, our registration certificate will be denied except as they satisfy the Iowa Board by examination or other evidence acceptable in the judgment of the Board that they are competent professional engineers and (or) Land Surveyors in conformity with Sections 1855 and 1866 of the Iowa law.

Examinations conducted for the purpose of granting reciprocity will be in one of the general branches such as Civil, Mechanical, or Electrical, rather than in special branches such as Highway, Drainage, Heating and Ventilating, et cetera.

Applicants for reciprocal registration who were registered under the "Grandfather Clause" without examination must appear before the Board of Examiners for examination before reciprocal registration can be granted.

PRACTICE OF ENGINEERING PENDING EXAMINATION

Any person, or persons, desiring to practice engineering will be required to make formal application to the Iowa State Board of Engineering Examiners for registration before beginning such work in the state of Iowa. They shall be allowed to practice not more than 90 days before securing said registration, and the Board of Engineering Examiners shall arrange to hold called meetings of said Board for examination of applicants at such periods as will enable the applicants to secure said examinations within the time limit above mentioned.

TIME LIMIT FOR TAKING LAND SURVEYING EXAMINATION UNDER ONE FEE

Applicants applying for registration as Land Surveyor after the time they apply for Professional Engineering, in order to receive registration for both under the one fee of Twenty-five (\$25.00) Dollars, but who do not take examinations for both branches at the same time, shall appear and take examinations for both branches within one year from the date of the first examination. Upon failure to do so, a new application shall be required, with a new fee of Twenty-five (\$25.00) Dollars.

RULES RELATING TO EXAMINATIONS

Before notifying any applicant to appear for examination, a digest of his training and experience shall be submitted to the members of the Board for approval, and no one will be admitted for examination until he has had the full amount of training and experience required by law.

At each examination, one day shall be devoted to questions on fundamentals in all branches of engineering, and one day shall be devoted to examination on professional questions.

At the time of examination, each candidate shall be given similar sets of ten questions each for fundamentals and the several branches of engineering.

The final rating of an applicant shall be determined by the following:
Personality, having to do also with character and executive ability; ten per cent of total rating.

Experience, (nature and extent); fifteen per cent of total rating.

Examination in fundamentals, consisting of ten questions in writing, thirty-five per cent of total rating.

Examination on principles of good practice, consisting of a certain number of questions in writing, depending upon the branch of engineering taken; forty per cent of total rating.

A grade of seventy (70%) per cent shall be considered a passing grade.

Examinations given subsequent to one or more in which an applicant may have failed, shall be complete in themselves, and no former examinations or any parts thereof shall have any consideration whatsoever.

All applicants shall be notified of two consecutive Engineering Board meetings after their application is filed with this office.

The examinations are usually held in the Senate Chamber in the State House at Des Moines, Iowa.

An extra charge of \$2.00 shall be made for issuing duplicate certificates to any registered engineer.

FINANCIAL STATEMENT

FOR THE YEAR ENDING DECEMBER 31, 1929

RECEIPTS

Balance on hand December 31, 1928.....	\$ 16,856.27
Registration fees received.....	1,470.00
Renewal Fees, 1928.....	2.00
Renewal Fees, 1929.....	108.00
Renewal Fees, 1930.....	2,326.00
	\$ 20,762.27

DISBURSEMENTS

Traveling and incidental expense of Board members and Secretary..\$	828.64
Fees of Board members.....	577.00
Stamps, stationery, printing, etc.....	537.77
Clerk hire	310.00
	\$ 2,253.41
Balance, December 31, 1929.....	18,508.86

PROFESSIONAL ENGINEERING BRANCHES

Highway.
Municipal and Sanitary.
Water Supply and Sewerage.
Drainage.
Structural.
Mechanical.
Electrical.
Railroad.
Land Surveying.

RECIPROCITY

Certificates for Reciprocal Registration have been granted to the following registered engineers of Iowa.

(† Deceased. * Revoked.)

Reciprocal Certificate No.	Name	Registration Number	Date
2701	†Seth Dean	1	October 15, 1923
2702	K. C. Kastberg	3	October 15, 1923
2703	*F. W. Stubbs	4	October 15, 1923
2704	*Alvin LeVan	12	October 15, 1923
2705	L. M. Martin	15	October 15, 1923
2706	B. P. Fleming	940	October 15, 1923
2707	*S. Nichols	781	October 15, 1923
2708	A. W. Bedell	1118	December 28, 1923
2709	Lafayette Higgins, Sr.	17	January 29, 1924
2710	K. C. Gaynor	21	January 29, 1924
2711	John C. Tunnell	149	January 29, 1924
2712	Hugh A. Chambers	219	January 29, 1924
2713	Chester C. Woodburn	449	January 29, 1924
2714	Clyde V. Downing	631	January 29, 1924
2715	*Edward K. Mather	950	January 29, 1924
2716	William P. Nemmers	1000	January 29, 1924
2717	Lawrence W. Cox	45	April 21, 1924
2718	W. H. Miner	53	April 21, 1924
2719	H. W. Hartapee	278	December 2, 1924
2720	(Cancelled)		
2721	Anson Marston	15	January 25, 1925
2722	Lafayette Higgins, Jr.	1116	April 24, 1925
2723	Ralph H. Greenwood	1058	May 4, 1925
2724	*Carl B. Moe	1238	May 4, 1925
2725	Lynn T. Andrus	1063	May 4, 1925
2726	E. E. Schenk	1128	May 4, 1925
2727	David N. Crosthwait, Jr.	570	May 4, 1925
2728	J. C. Watkins	71	September 21, 1925
2729	C. J. Steigleder	1163	September 21, 1925
2730	(Cancelled)		
2731	Leslie B. Taylor	1211	March 11, 1926
2732	Robert D. Cochran	1249	March 23, 1926
2733	George E. Oliver	148	March 23, 1926
2734	Clare H. Currie	6	April 22, 1926
2735	Clark E. Jacoby	963	September 21, 1926
2736	J. J. McShane	1190	September 21, 1926
2737	Harvey A. Davis	1231	September 21, 1926
2738	*Rolland S. Wallis	1099	February 7, 1927
2739	A. H. Fuller	1104	February 25, 1927
2740	John S. Dodds	100	April 26, 1927
2741	Roy R. Zinnprodt	1258	April 26, 1927
2742	Walter E. Baell	153	April 26, 1927
2743	Frank M. Hartley	1299	December 6, 1927
2744	George W. Miller	20	March 30, 1928
2745	Joel H. Mayne	161	April 26, 1928
2746	U. F. Turpin	1097	July 6, 1928
2747	James A. Lysaght	574	December 4, 1928
2748	John M. Tippee	469	December 4, 1928
2749	Henry H. Dean	127	December 4, 1928
2750	Herman G. Crow	1407	December 4, 1928
2751	James Barney Marsh	7	March 14, 1929
2752	E. B. Black	863	March 30, 1929
2753	F. B. Black	862	March 30, 1929
2754	Roy S. Huffman	1152	April 25, 1929
2755	Charles H. Grover	1091	April 25, 1929
2756	George J. Keller	429	April 25, 1929
2757	Paul E. Greene	1024	October 3, 1929
2758	Frank E. Marsh	548	December 3, 1929
2759	William A. Olson	185	December 3, 1929
2760	Jack J. Hinman, Jr.	206	December 3, 1929
2761	Murray L. Hutton	251	December 3, 1929
2762	Edmund F. Wressell	1376	December 3, 1929
2763	Maurice J. Lonergan	1422	December 3, 1929
2764	†C. P. Lowellen	1281	December 3, 1929

ROSTER OF REGISTERED PROFESSIONAL ENGINEERS AND LAND SURVEYORS

Authorized to practice in the State of Iowa, as of January 1, 1930.
Key to abbreviations: P. E., Professional Engineer; L. S., Land Surveyor.

Certificate No.	Name	Address	Branch of Engineering
1077	Abbott, Lester S.	247-23rd Ave. N., Clinton, Iowa	
359	Abram, Wm. A.	3214 Woodland Ave., Des Moines, Iowa	P. E. & L. S.
1039	Acker, Robert L.	3220 Dupont Ave., S. Minneapolis, Minn.	P. E. & L. S.
1022	Ackerman, Geo. E.	1017 Wenonah Ave., Oak Park, Ill.	P. E.
564	Adams, D. E.	Latimer, Iowa	P. E. & L. S.
410	Adams, Jos. Q.	Centerville, Iowa	P. E. & L. S.
353	Adams, Neil W.	711 Hodge Ave., Ames, Iowa	P. E. & L. S.
261	Adelstein, Morris E.	Rapid City, S. D.	P. E. & L. S.
23	Agg, Thomas B.	707 Hodge Ave., Ames, Iowa	P. E.
1213	Albaugh, Carl B.	1403 Kellogg Ave., Ames, Iowa	P. E.
508	Alden, Frederick S.	S. Main-St., Covington, Tenn.	P. E. & L. S.
727	Alexander, Archie A.	503 Frankel Bldg., Des Moines, Iowa	P. E. & L. S.
324	Alexander, Philip V.	Guthrie Center, Iowa	P. E. & L. S.
1042	Allen, Andrews	332 S. Michigan Ave., Chicago, Ill.	P. E.
1315	Alton, Wm. M.	732-18th St., Des Moines, Iowa	P. E.
487	Amblisch, Charles	126½ W. Water St., Decorah, Iowa	P. E. & L. S.
1036	Alvord, John W.	1417 Hartford Bldg., Chicago, Ill.	P. E.
1168	Amble, Fred	300 Corn Exchange Bldg., Minneapolis, Minn.	P. E.
635	Ames, John H.	603 Northwestern Ave., Ames, Iowa	P. E.
730	Anderberg, Oscar Th.	321-4th St. N. E., Mason City, Iowa	P. E. & L. S.
199	Anderson, Benton R.	1110 Porshing Blvd., Clinton, Iowa	P. E. & L. S.
496	Anderson, Eugene	779 Julian Ave., Dubuque, Iowa	P. E. & L. S.
1371	Anderson, Fred A.	508 N. 20th St., Omaha, Neb.	P. E. & L. S.
284	Anderson, F. P.	Epworth, Iowa	P. E. & L. S.
233	Anderson, John L.	Bondurant, Iowa	P. E. & L. S.
504	Anderson, Roy W.	409 A. Reed St., Red Oak, Iowa	P. E. & L. S.
1430	Anderson, Sam A.	301 Nonpareil Court Bldg., Council Bluffs, Iowa	P. E.
754	Anderson, Walter L.	Pringhar, Iowa	P. E. & L. S.
1246	Anderson, Wendell D.	Epworth, Iowa	P. E.
1063	Andrus, Lynn T.	Bridge Dept. State Highway Commission, Ames, Iowa	P. E.
590	Apple, Charles E.	225 N. Lincolnway, Ames, Iowa	P. E. & L. S.
408	Archer, Elmer T.	609 New England Bldg., Kansas City, Mo.	P. E. & L. S.
1124	Arend, Albert C.	210 Bankers Reserve Life Bldg., Omaha, Neb.	P. E.
328	Arneson, Frank W.	Court House, Decorah, Iowa	P. E. & L. S.
121	Austin, Fred H.	1041-2nd St., Webster City, Iowa	P. E. & L. S.
829	Austin, Roy G.	128 S. 27th St., Cedar Rapids, Iowa	P. E. & L. S.
1316	Ayvenel, H. H.	221 Hudson St., Storm Lake, Iowa	P. E.
833	Ayres, Harry L.	425 S. 12th St., Keokuk, Iowa	P. E. & L. S.
1196	Ayres, Quincy C.	Dept. of Agr., Engineering, Iowa State College, Ames, Iowa	P. E. & L. S.
257	Baggs, Louis E.	1027 E. High St., Davenport, Iowa	P. E. & L. S.
1026	Bailey, O. A.	1305 W. 105th St., Chicago, Ill.	P. E.
259	Bair, Clarence V.	871-39th St., Des Moines, Iowa	P. E. & L. S.
711	Baker, Archie G.	1904 Edgington Ave., Eldora, Iowa	P. E. & L. S.
511	Baker, Jack Scott	1116 East 17th Ave., Denver, Colo.	P. E. & L. S.
476	Bair, Jack E.	1239-24th St., Des Moines, Iowa	P. E.
116	Baldwin, Robert L.	402 Interstate Bldg., Kansas City, Mo.	P. E.
1923	Ball, Lester H.	1744 Sheridan Road, N. Chicago, Ill.	P. E. & L. S.
735	Barber, Deloss H.	Box 162, University Station, Tucson, Ariz.	P. E. & L. S.
288	Barber, Nathan B.	115 Sheridan Road, Waterloo, Iowa	P. E. & L. S.
1412	Barker, Clark A.	4107-2nd St., Des Moines, Iowa	P. E. & L. S.
644	Barker, Wm. E.	Anamosa, Iowa	P. E. & L. S.
1215	Barnard, Paul F.	1240 Orchard Drive, Ames, Iowa	P. E.
476	Barnard, Albert R.	Charlton, Iowa	P. E. & L. S.
757	Bartholow, C. A.	201-2nd Ave., Audubon, Iowa	P. E. & L. S.
1056	Bartley, John S., Jr.	913 Clough St., Waterloo, Iowa	P. E.
1122	Bartow, Edward	Chemistry Dept. S. U. I., Iowa City	P. E.
367	Bassett, Thomas	1631 Park Ave., Cedar Rapids, Iowa	P. E. & L. S.
44	Bates, Herbert B.	681 Penning Ave., Wood River, Ill.	P. E. & L. S.
1143	Battern, Algy R.	3029 Jennings St., Sioux City, Iowa	P. E. & L. S.
458	Baum, Henry J.	1228-13th Ave., Altoona, Pa.	P. E.
225	Baustian, Alfred A.	Storm Lake, Iowa	P. E. & L. S.

ROSTER—(Continued)

Certificate No.	Name	Address	Branch of Engineering
208	Beard, Wm. F.	816 Kellogg Ave., Ames, Iowa.	P. E. & L. S.
796	Beatty, Floyd A.	Des Moines Elec. Lt. Co., Des Moines, Iowa.	P. E. & L. S.
1373	Beckner, C. A.	Parkersburg, Iowa.	P. E.
1118	Bedell, Archer W.	Sarabault, Minn.	P. E. & L. S.
1169	Behrens, Wm. H.	Pomeroy, Iowa.	P. E. & L. S.
255	Beiter, G. C.	c/o Ridgeview Hotel, Evanston, Ill.	P. E. & L. S.
248	Beisler, Edward W.	332 S. Michigan Ave., Chicago, Ill.	P. E. & L. S.
247	Bemis, Walter S.	332 S. Michigan Ave., Chicago, Ill.	P. E. & L. S.
448	Bemis, Wm. S. Jr.	1103 Polk Bldg., Des Moines, Iowa.	P. E. & L. S.
1463	Benefield, Hugo	Leon, Iowa.	P. E.
1385	Bennett, K. M.	Box 29, Guttenberg, Iowa.	P. E.
699	Benson, Arthur W.	1816 E. 12th St., Des Moines, Iowa.	P. E. & L. S.
1312	Benson, Jesse Noble.	Route No. 5, Everett, Washington.	P. E. & L. S.
768	Benson, Roy A.	416 V. N. B. Bldg., Des Moines, Iowa.	P. E. & L. S.
1170	Bentz, Chester R.	Leon, Iowa.	P. E.
1423	Berrier, Willis H.	309 W. Broad St., Mt. Pleasant, Iowa.	P. E.
258	Berry, John W.	419 S. Johnson St., Iowa City, Iowa.	P. E. & L. S.
824	Berthe, Lucius T.	405 S. Franklin St., Charleston, Mo.	P. E.
335	Bickel, Willis F.	McGregor, Iowa.	P. E. & L. S.
1340	Bird, Byron	1602 2nd Ave. N., Ft. Dodge, Iowa.	P. E. & L. S.
461	Bishop, Roy P.	City Mgr., Salem, Virginia.	P. E. & L. S.
1453	Bittle, G. H.	Harlan, Iowa.	P. E.
863	Black, Ernest B.	424 W. 60th St. Terrace, Kansas City, Mo.	P. E. & L. S.
1480	Blom, E. W.	c/o Iowa State Highway Com., Ames, Iowa.	P. E.
1028	Bloomport, Henry	War Dept. U. S. Engrs. Office, 1006 Me Call Bldg., Memphis, Tenn.	P. E. & L. S.
178	Blumenschein, Edward.	531 Welch Ave., Ames, Iowa.	P. E. & L. S.
324	Blue, Martz D.	718 12th St., Ames, Iowa.	P. E. & L. S.
725	Blunt, Grover A.	361 N. Grandview Ave., Dubuque, Iowa.	P. E. & L. S.
526	Boardman, Frank M.	Telephone Bldg., Nevada, Iowa.	P. E.
294	Book, Carl A.	504 Ludlow Bldg., Dayton, Ohio.	P. E. & L. S.
1016	Bogardus, Ray R.	28-4th St. N. W., Mason City, Iowa.	P. E. & L. S.
686	Boggs, Lester L.	1220 North 6th St., Estherville, Iowa.	P. E. & L. S.
297	Boian, Wilber C.	1823 Franklin Ave., Des Moines, Iowa.	P. E. & L. S.
444	Bolts, Jeremiah J.	219 Locust Lodge, Council Bluffs, Iowa.	P. E.
128	Bonebrake, J. W.	Lacona, Iowa.	P. E. & L. S.
795	Bonnell, Joseph E.	c/o Lone Star Cement Co., Dallas, Texas.	P. E.
605	Borg, Elmer H.	810 Hubbell Bldg., Des Moines, Iowa.	P. E.
1172	Boshard, Albert O.	Hayesville, Iowa.	P. E.
372	Boudinot, Allen R.	904 E. 14th St., Davenport, Iowa.	P. E. & L. S.
872	Bowdish, J. W. Jr.	Marion, Iowa.	P. E. & L. S.
1241	Bowling, Benjamin L.	12 M. B. A. Bldg., Mason City, Iowa.	P. E.
349	Bowman, Harry	1103 Douglas Ave., Ames, Iowa.	P. E. & L. S.
978	Boyes, Ernest	1714 Indiana St., Lawrence, Kansas.	P. E. & L. S.
1307	Boyd, Donald Lindsey	405 Witwer St., North Canton, Ohio.	P. E.
1474	Boyd, R. C.	Asst. Dist. Engr., 112-1-2 E. 3rd St., Ottumwa, Iowa.	P. E.
835	Boyle, Ralph E.	Indianola, Iowa.	P. E. & L. S.
580	Boyles, Ralph R.	1966 St. Clair St., St. Paul, Minn.	P. E. & L. S.
538	Boyer, John H.	310-12 City Nat. Bank Bldg., Council Bluffs, Iowa.	P. E. & L. S.
1071	Boytton, John H.	Clarion, Iowa.	P. E. & L. S.
738	Brady, John T., Sr.	209 E. 2nd St., Ottumwa, Iowa.	P. E. & L. S.
1464	Brady, Koscoe	417 North 18th St., Centerville, Iowa.	P. E. & L. S.
930	Bralnard, O. E.	48 Ward Ave., Northampton, Mass.	P. E. & L. S.
339	Brandt, John C.	2754 Telegraph R., Davenport, Iowa.	P. E. & L. S.
1216	Braun, Roy E.	628-8th St., Ames, Iowa.	P. E. & L. S.
1259	Breitengross, R. A.	Box No. 5, Buffalo, Iowa.	P. E.
1088	Briar, Virgil Raymond.	R. F. D. No. 2, Altoona, Iowa.	P. E.
608	Briggs, Rollin Pickett.	Flax-linum Insulating Co., St. Paul, Minn.	P. E. & L. S.
81	Bristol, Cyrus J.	4090 University Ave., Des Moines, Iowa.	P. E.
1247	Bristol, Fred T.	1705 Mar Ella Trail, Des Moines, Iowa.	P. E. & L. S.
81	Britton, Byron G.	2205 Exchange St., Keokuk, Iowa.	P. E. & L. S.
739	Broom, Benjamin A.	7440 Malvern Ave., Chicago, Ill.	P. E.
1360	Brown, Elwyn N.	812-14th St., Belle Plaine, Iowa.	P. E. & L. S.
802	Brown, Horace A.	Leon, Iowa.	P. E. & L. S.
64	Brown, LeRoy	620 Court Ave. N., Ottumwa, Iowa.	P. E. & L. S.
1145	Brown, Paul Clay	626-2nd St. E., Creston, Iowa.	P. E. & L. S.
		926 E. Davenport St., Iowa City, Iowa.	P. E.

ROSTER—(Continued)

Certificate No.	Name	Address	Branch of Engineering
1438	Brown, Robert C.	201 Nonpareil Court Bldg., Council Bluffs, Iowa.	P. E.
108	Brown, Victor J.	8 W. Blair St., West Chicago, Ill.	P. E. & L. S.
866	Brown, Walter M.	131 N. Grandview Ave., Dubuque, Iowa.	P. E.
549	Bruce, John A.	Bankers Reserve Life Bldg., Omaha, Neb.	P. E. & L. S.
409	Brunt, Arthur H.	Sigourney, Iowa.	P. E. & L. S.
88	Bryant, Monroe H.	Court House, Fairfield, Iowa.	P. E. & L. S.
1146	Buckman, Iyvi C.	County Engineer, Adel, Iowa.	P. E. & L. S.
25	Budd, John W.	3722 E. 42nd St., Des Moines, Iowa.	P. E. & L. S.
153	Buehl, Walter E.	337 Grain Exchange Bldg., Sioux City, Iowa.	P. E. & L. S.
368	Burch, David W.	339 Old Masonic Temple, Davenport, Iowa.	P. E. & L. S.
1037	Burdick, Charles Baker	1417 Hartford Bldg., Chicago, Ill.	P. E.
1126	Burnet, George	955 S. 17th St., Ft. Dodge, Iowa.	P. E. & L. S.
1144	Burnie, Arthur I.	c/o Kalman Steel Co., 410 N. Michigan Ave., Chicago, Ill.	P. E.
789	Burr, Howard B.	807 Riverside Drive, Waterloo, Iowa.	P. E.
491	Burris, John A.	2853 Rutland Ave., Des Moines, Iowa.	P. E. & L. S.
414	Burrows, James M.	2nd & New York Ave., Des Moines, Iowa.	P. E. & L. S.
646	Burt, Austin	406 W. H. St., Ontario, Calif.	P. E.
1248	Burton, Wm. A.	Waterloo, Iowa.	P. E.
1083	Butcher, Romeo W.	R. No. 1, Mt. Olive, Ill.	P. E. & L. S.
1173	Butter, John G.	2602 Ave. D., Council Bluffs, Iowa.	P. E.
92	Cain, Fred L.	801 Summit Ave., Shenandoah, Iowa.	P. E. & L. S.
980	Caldwell, Frank D.	c/o City Engr., Des Moines, Iowa.	P. E. & L. S.
1361	Camery, J. P.	P. O. Box No. 2, Harlan, Iowa.	P. E.
860	Campbell, Allan B.	c/o Nat. Elec. Lt. Assn., 420 Lexington Ave., New York City, N. Y.	P. E.
382	Campbell, Floyd	644 W. 4th St., Spencer, Iowa.	P. E. & L. S.
39	Campbell, Guy R.	Emmetsburg, Iowa.	P. E. & L. S.
989	Campbell, Ralph H.	c/o Atlas Portland Cement Co., 25 Broadway, New York City, N. Y.	P. E. & L. S.
43	Canfield, Lloyd A.	3204 S. W. 8th St., Des Moines, Iowa.	P. E. & L. S.
1291	Canon, Guy F.	Atlantic, Iowa.	P. E.
831	Capel, Earl H.	State Highway Comm., Sioux City, Iowa.	P. E. & L. S.
604	Capper, Charles	Adel, Iowa.	P. E. & L. S.
537	Capper, Howard M.	Pa. Dept. of Highways, Div. 7, Harrisburg, Pa.	P. E. & L. S.
1057	Carleton, Wilson	1101 Center Ave., West View, Pittsburgh, Pa.	P. E. & L. S.
859	Carlson, Ernest E.	Battle Creek, Iowa.	P. E. & L. S.
1288	Carlson, W. F.	Box 502, Corydon, Iowa.	P. E.
1346	Carpenter, John S.	1117 Burton Ave., Waterloo, Iowa.	P. E. & L. S.
1387	Carson, E. B.	Harlan, Iowa.	P. E.
478	Cassill, Raymond C.	615 Davis, Des Moines, Iowa.	P. E. & L. S.
220	Caughey, Robert A.	224 Stanton Ave., Ames, Iowa.	P. E. & L. S.
885	Caywood, Thomas G.	943 Iowa Ave., Iowa City, Iowa.	P. E.
358	Chambers, Frank C.	532-29th St., Des Moines, Iowa.	P. E.
219	Chambers, Hugh A.	210 S. Tama St., Boone, Iowa.	P. E. & L. S.
1329	Chaney, W. K.	627 C. R. S. Bldg., Cedar Rapids, Iowa.	P. E.
1458	Charlesworth, George.	R. R. Comm., State House, Des Moines, Iowa.	P. E.
11	Chase, Charles P.	123-9th Ave., Clinton, Iowa.	P. E. & L. S.
933	Chenoweth, Albert A.	123 Acton Road, Columbus, Ohio.	P. E. & L. S.
1276	Cherry, Thomas A.	Logan, Iowa.	P. E. & L. S.
87	Chesbro, Harry G.	1011 E. Rusholme St., Davenport, Iowa.	P. E. & L. S.
1330	Christiansen, George L.	Box 434, Oskaloosa, Iowa.	P. E.
453	Christensen, Louis A.	115 W. 5th St., Los Angeles, Calif.	P. E. & L. S.
783	Chubb, Charles E.	309 S. Jones St., Algona, Iowa.	P. E. & L. S.
901	Clapper, Lyle	1350 Arthur St. N. E., Minneapolis, Minn.	P. E. & L. S.
948	Clark, Geo. Lyman	Div. Engr., 110 E. 20th St., Joplin, Mo.	P. E.
909	Clark, Robert J.	185 Fern St., Pontiac, Mich.	P. E.
1338	Clark, Roy L.	c/o W. P. Kent, Waukegan, Iowa.	P. E.
665	Clausen, Rudolph J.	910 Kahl Bldg., Davenport, Iowa.	P. E.
1331	Clausen, Leslie M.	627 C. R. S. Bldg., Cedar Rapids, Iowa.	P. E.
1174	Clayton, Lloyd E.	804 Harman St., Tama, Iowa.	P. E.
355	Cleghorn, Mark P.	513 Ash Ave., Ames, Iowa.	P. E.
515	Clemens, Adam	Amama, Iowa.	L. S.
1240	Clement, Donald B.	1468 Harvard St., Washington, D. C.	P. E.

ROSTER—(Continued)

Certificate No.	Name	Address	Branch of Engineering
90	Clement, Lester L.	928 Clark Ave., Ames, Iowa.	P. E. & L. S.
559	Clingan, Elmer G.	1721 Montgomery, Knoxville, Iowa.	P. E. & L. S.
830	Clyde, Ray W.	798 Ridgewood Ave., Ames, Iowa.	P. E. & L. S.
1249	Cochran, Robert D.	3720 N. 12th St., Phoenix, Ariz.	P. E. & L. S.
322	Coffeen, A. R.	Decorah, Iowa.	P. E. & L. S.
622	Colby, F. E.	3811 Jackson St., Sioux City, Iowa.	P. E. & L. S.
1325	Collins, Perry Lee.	Mapleton, Iowa.	P. E. & L. S.
75	Conklin, Harry M.	Osage, Iowa.	P. E. & L. S.
598	Conlee, Glenn L.	215 S. Highland Ave., Arlington Heights, Ill.	P. E.
136	Conlon, Bernard J.	815-9th Ave., Council Bluffs, Iowa.	P. E. & L. S.
1350	Cook, Alfred B.	6726 Glenwood Ave., Apt. 310, Chicago, Ill.	P. E.
415	Cook, Coleman H.	721 Lewis St., Burlington, Iowa.	P. E. & L. S.
974	Cook, Eugene	Maintenance Supt. Highway Comm., Reck Rapids, Iowa.	P. E. & L. S.
335	Cook, Henry E.	106 S. Market St., Ottumwa, Iowa.	P. E. & L. S.
392	Cook, James N.	Avoca, Iowa.	P. E. & L. S.
42	Cook, Paul D.	2303 Joseph St., New Orleans, La.	P. E. & L. S.
222	Cool, Claude A.	Decorah, Iowa.	P. E. & L. S.
976	Coombes, James L.	244½ Summer Ave., Newark, N. J.	P. E. & L. S.
202	Coomer, Ross M.	311 United Bank Bldg., Sioux City, Iowa.	P. E. & L. S.
981	Cooper, Ralph Lowry	108 Marshall, Boone, Iowa.	P. E. & L. S.
934	Cooper, Wm. C.	2318 E. 13th St., Des Moines, Iowa.	P. E. & L. S.
1314	Copeland, Ronald E.	701 N. Michigan Ave., Chicago, Ill.	P. E. & L. S.
491	Cordiner, W. S.	2534 Courland St., Chicago, Ill.	P. E. & L. S.
82	Corcoran, Harry J.	431 Insurance Exchange Bldg., Des Moines, Iowa.	P. E. & L. S.
1319	Cory, H. L.	526 Liberty Bldg., Des Moines, Iowa.	P. E.
1405	Cox, Carl Eugene	Iowa Highway Comm., Manchester, Iowa.	P. E.
45	Cox, Lawrence W.	1005 S. 38th Ave., Omaha, Neb.	P. E. & L. S.
170	Coykendall, Claud C.	808 Ridgewood Ave., Ames, Iowa.	P. E. & L. S.
880	Craig, Dan S.	1431-41st St., Des Moines, Iowa.	P. E. & L. S.
157	Craig, Robert C.	116 N. 15th St., Centerville, Iowa.	P. E. & L. S.
681	Crawford, Matthew O.	4267 Duane Ave., Detroit, Mich.	P. E.
528	Crawford, Wm. W.	c/o K. S. A. C., Manhattan, Kan.	P. E. & L. S.
1416	Cribbs, H. E.	Eldora, Iowa.	P. E. & L. S.
300	Critz, Paul F.	c/o U. S. Bureau Public Roads, Washington, D. C.	P. E. & L. S.
1080	Croft, LeRoy M.	Toledo, Iowa.	P. E. & L. S.
1101	Crossman, Ralph S.	117 S. Bussey Ave., Urhuna, Ill.	P. E. & L. S.
570	Crosswait, David N. Jr.	402 N. 4th Ave., Marshalltown, Iowa.	P. E. & L. S.
1407	Crow, Herman G.	313 9th St. N. W., Mason City, Iowa.	P. E.
1175	Crowley, Miles Edward.	700 S. & L. Bldg., Des Moines, Iowa.	P. E. & L. S.
227	Crowley, Orville W.	S. & L. Bldg., Des Moines, Iowa.	P. E. & L. S.
1367	Croyle, S. E.	c/o Iowa State Highway Comm., Ames, Iowa.	P. E.
436	Crum, Roy W.	Highway Research Board, Nat. Research Council, Washington, D. C.	P. E. & L. S.
759	Culhane, James L.	Des Moines Elec. Co., Des Moines, Iowa.	P. E.
132	Cullen, Walter H.	1283 Curtis St., Dubuque, Iowa.	P. E. & L. S.
421	Cunningham, Albert H.	625 Early St., Storm Lake, Iowa.	P. E. & L. S.
374	Cunningham, Chester W.	1343 S. 36th St., Omaha, Neb.	P. E. & L. S.
1400	Cunningham, Thomas F.	Janesville, Wis.	P. E.
6	Currie, Clare H.	180 W. 1st Ave., Waterloo, Iowa.	P. E. & L. S.
672	Currie, Joseph E.	Clemson College, South Carolina.	P. E. & L. S.
1148	Curtis, Donald D.	J. H. Curtis Co. Engr., Charles City, Iowa.	P. E. & L. S.
201	Curtis, J. H.	Homewood Drive, Fairmont, Minn.	P. E. & L. S.
895	Curtis Thomas H.	County Engr., Falls City, Neb.	P. E.
362	Dale, Benjamin C.	City Engr., Vero Beach, Florida.	P. E. & L. S.
68	Dameron, Harry W.	734-6th St., Ames, Iowa.	P. E. & L. S.
961	Damon, Philip E.	Traver, Iowa.	P. E. & L. S.
497	Daniel, Howard L.	Supt. of Highways, Yankton, S. D.	P. E.
1176	Danielson, Wm. M.	316 Fallon St., Keokuk, Iowa.	P. E. & L. S.
784	Davis, Albion	495 S. Dodge St., Iowa City, Iowa.	P. E. & L. S.
310	Davis, Bernhard H.	518 Haynes Ave., Centerville, Iowa.	P. E. & L. S.
55	Davis, Frank L.	113-10th St., Ames, Iowa.	P. E.
1149	Davis, Harry K.	Box 14, Crete, Neb.	P. E. & L. S.
1231	Davis, Harvey A.		P. E. & L. S.

ROSTER—(Continued)

Certificate No.	Name	Address	Branch of Engineering
690	Dawson, James S.	City Engr., Charles City, Iowa.	P. E. & L. S.
441	Dean, George J.	R. F. D. No. 1, Nevada, Iowa.	P. E. & L. S.
127	Dean, Henry H.	Glenwood, Iowa.	P. E. & L. S.
520	DeButte, Wm. H.	3111 56th St., Des Moines, Iowa.	P. E. & L. S.
257	Decker, Henry H.	2915 Ingersoll Ave., Des Moines, Iowa.	P. E. & L. S.
606	Deering, Charles C.	409 R. U. L. Bldg., Des Moines, Iowa.	P. E.
470	Deering, Judson W.	1064 38th St., Des Moines, Iowa.	P. E. & L. S.
1227	De Lallunt, R. J.	822 Ridgewood Ave., Ames, Iowa.	P. E.
167	DeLay, Theodore S.	515 W. Mills St., Creston, Iowa.	P. E. & L. S.
459	Denman, Burt J.	2200 Bankers Bldg., Chicago, Ill.	P. E. & L. S.
851	Desparios, Francis R.	1009 E. 13th St., Sioux City, Iowa.	P. E. & L. S.
276	DeVoe, Philip K.	1001 N. Elm St., Creston, Iowa.	P. E. & L. S.
459	Dey, Curtis T.	597 Clinton St. N., Iowa City, Iowa.	P. E. & L. S.
591	Dickinson, Louis E.	129 High St., Keokuk, Iowa.	P. E.
1074	Dickinson, Warren	1118 Mulberry St., Des Moines, Iowa.	P. E. & L. S.
189	Dickson, George M.	P. O. Box 1, Forest City, Iowa.	P. E. & L. S.
636	Diehl, E. R.	Office of City Engr., Enid, Okla.	P. E. & L. S.
1421	Dill, Terry T.	Monona, Iowa.	P. E.
1443	Dixmore, R. H.	503 Marah Place Bldg., Waterloo, Iowa.	P. E.
705	Dobson, George D.	1832 W. 22nd St., Des Moines, Iowa.	P. E. & L. S.
100	Dodds, John S.	Box 202, Ames, Iowa.	P. E. & L. S.
810	Dodge, Byard Almon.	717 Walnut St., Webster City, Iowa.	P. E. & L. S.
1177	Dolph, George L.	422½ Chickasha Ave., Chickasha, Okla.	P. E. & L. S.
1388	Doty, Glenn H.	Thayer, Iowa.	P. E.
1368	Dougherty, James Robt.	1418 Ave. "F", Ft. Madison, Iowa.	P. E. & L. S.
1090	Douthett, Claude L.	Box 210, Waterloo, Iowa.	P. E. & L. S.
668	Dow, Fred C.	Cedar Rapids, Iowa, 329 4th Ave. W.	P. E. & L. S.
631	Downing, C. V.	P. O. Box 55, Lake City, Fla.	P. E. & L. S.
920	Downs, Joe	Iowa Southern Utilities Co., Centerville, Iowa.	P. E.
191	Dows, Sutherland C.	2159 Blake Blvd., Cedar Rapids, Iowa.	P. E. & L. S.
81	Drabelle, John M.	1263 1st Ave. E., Cedar Rapids, Iowa.	P. E.
785	Drain, Harry E.	1355 W. 9th St., Des Moines, Iowa.	P. E.
463	Drake, Robert Z.	1302 City Nat. Bank Bldg., Omaha, Neb.	P. E.
245	Drasda, Frank A.	2204 2nd St. N., Clinton, Iowa.	P. E. & L. S.
971	Drnar, John F.	500 4 Globe Bldg., St. Paul, Minn.	P. E. & L. S.
1076	Duerst, Raymond	1636 Corse St., Burlington, Iowa.	P. E. & L. S.
396	Dunn, Everett W.	1321 S. Newton, Sioux City, Iowa.	P. E. & L. S.
1268	Durham, John B.	Iowa Highway Comm., Ames, Iowa.	P. E.
1298	Durland, Coe R.	Brookings, S. D.	P. E.
695	Earley, John W.	51 Wilson Blvd., Fairfield, Iowa.	P. E. & L. S.
641	Ebeling, Arthur H.	719 Kahl Bldg., Davenport, Iowa.	P. E.
1302	Ebling, Everett E.	6810½ Lowe Ave., Chicago, Ill.	P. E.
63	Eby, Charles W.	c/o W. C. F. & N. Ry. Co., Waterloo, Iowa.	P. E. & L. S.
1108	Eckles, Walter A.	Blue Earth, Minn.	P. E. & L. S.
133	Edgerton, Henry H.	463 Grand Central Passenger Station, Chicago, Ill.	P. E. & L. S.
1013	Ehrhart, Clyde L.	Apt. 14, Elder Court, Council Bluffs, Iowa.	P. E. & L. S.
957	Elder, Donald C.	708 W. Summit St., Marshalltown, Iowa.	P. E.
1050	Elliott, Walter C.	No. 1 W. 54th St., New York City, N. Y.	P. E. & L. S.
32	Elliott, Geo. W.	107-7th Ave., Charles City, Iowa.	P. E. & L. S.
791	Englar, Sterling D.	3415 School St., Des Moines, Iowa.	P. E. & L. S.
726	Ernst, Wm. P.	1640 E. 13th St., Des Moines, Iowa.	P. E. & L. S.
652	Eynre, Samuel L.	303 N. 2nd St., Council Bluffs, Iowa.	P. E. & L. S.
1304	Eynre, Ernest K.	547 Englewood Ave., Chicago, Ill.	P. E. & L. S.
266	Ewen, Cecil E.	United Light Bldg., Davenport, Iowa.	P. E. & L. S.
391	Ewing, Vere R.	3403 Rollins Ave., Des Moines, Iowa.	P. E. & L. S.
493	Eyre, James R.	Lock Box 1, Mt. Vernon, Iowa.	P. E. & L. S.
168	Faber, Daniel C.	813 9th St., Ames, Iowa.	P. E. & L. S.
215	Fahy, Wm. L.	1047 Grover Ave., Glendale, Calif.	P. E. & L. S.
1446	Fallor, Samuel Verne	600 W. 1st St., Indiana, Iowa.	P. E.
270	Fairbanks, Steward J.	W. C. F. & N. Ry. Co., Waterloo, Iowa.	P. E. & L. S.
254	Fairchild, Robert V.	Ames, Iowa.	P. E. & L. S.
1005	Fargo, Wm. G.	147 S. Mechanic St., Jackson, Mich.	P. E.
1462	Farnsworth, E. A.	Oskaloosa, Iowa.	L. S. (Min'g)
229	Farquharson, Thos. S.	1328 W. 9th St., Des Moines, Iowa.	P. E. & L. S.
1178	Faul, Alfred F.	1905 Ingersoll Ave., Des Moines, Iowa.	P. E.
447	Ferguson, Elmer L.	512 United Bank Bldg., Sioux City, Iowa.	P. E. & L. S.

ROSTER—(Continued)

Certificate No.	Name	Address	Branch of Engineering
645	Fick, Adolph	347 Prospect Ave., Milwaukee, Wis.	P. E. & L. S.
1391	Fiddick, G. W.	New Hampton, Iowa	P. E.
522	Finch, Audien D.	West Union, Iowa	P. E. & L. S.
979	Findley, Raymond H.	2501 Kansas Ave., Omaha, Neb.	P. E. & L. S.
576	Fink, John L.	826 N. 2nd St., Clinton, Iowa	P. E.
150	Finkle, Vernon	Latimer, Iowa	P. E. & L. S.
499	Finley, Chas. M.	301 Warnock Bldg., Sioux City, Iowa	P. E. & L. S.
12	Fischer, Albert F.	Independence Corrugated Culvert Co., Mason City, Iowa	P. E. & L. S.
365	Fisher, Herbert B.	Dow City, Iowa	P. E. & L. S.
331	Fisher, Charles M.	Maquoketa, Iowa	P. E. & L. S.
815	Fisk, John M.	323 N. Capitol St., Iowa City, Iowa	P. E. & L. S.
611	Fitzpatrick, Thos. J.	2002 N. 68th St., Lincoln, Neb.	P. E. & L. S.
903	Fixen, Victor L.	Rm. 427 Plymouth Bldg., Minneapolis, Minn.	P. E. & L. S.
940	Fleming, Burton P.	Las Cruces, New Mexico	P. E. & L. S.
348	Flindt, V.	699 E. 9th St., Kansas City, Mo.	P. E. & L. S.
1362	Flint, Lawrence Lowell	Box 104, Samborn, Iowa	P. E.
679	Ford, Arthur H.	228 Brown St., Iowa City, Iowa	P. E.
424	Ford, Clarence H.	c/o Iowa State Highway Comm., Allerton, Iowa	P. E. & L. S.
786	Fordyce, Franklin H.	Emmetsburg, Iowa	P. E. & L. S.
917	Forrest, Victor E.	1936 Thomas Ave. S., Minneapolis, Minn.	P. E.
197	Forsbeck, C. D.	Box 1396, Tacoma, Washington	P. E. & L. S.
1309	Forsyth, Leslie Allen	2016 Estes Ave., Chicago, Ill.	P. E.
536	Forsythe, Frank	2306 Cottage Grove Ave., Des Moines, Iowa	P. E. & L. S.
1274	Poster, Walter L.	Iowa State College, Ames, Iowa	P. E.
868	Fox, Merritt L.	1729 D. Ave., Cedar Rapids, Iowa	P. E. & L. S.
568	Frank, Charles C.	703 Washington St., Eldora, Iowa	P. E. & L. S.
1212	Frere, Wm. J. Jr.	737 Hummel Ave., Lemoyne, Pa.	P. E. & L. S.
565	Friedrich, Alfred K.	101 N. Russell Ave., Ames, Iowa	P. E. & L. S.
78	Fries, George T.	Dixon, Ill.	P. E. & L. S.
304	Frink, Orvin K.	3320 Rollins Ave., Des Moines, Iowa	P. E. & L. S.
1410	Frink, Russell A.	618 N. 6th Ave., Washington, Iowa	P. E.
1104	Fuller, Almon H.	722 Douglass Ave., Ames, Iowa	P. E. & L. S.
172	Fuller, Raymond H.	Rock Rapids, Iowa	P. E. & L. S.
797	Fulter, W. A.	3916 Sherman Ave., St. Louis, Mo.	P. E. & L. S.
874	Fulton, Wilbur L.	2593 Evans St., Omaha, Neb.	P. E. & L. S.
125	Furman, Russell A.	Spirit Lake, Iowa	P. E. & L. S.
1179	Fye, R. C.	c/o County Engr. Office, Sigourney, Iowa	P. E.
217	Gaines, Alfred W.	320 N. 2nd St., Council Bluffs, Iowa	P. E. & L. S.
1266	Gardner, Horace C.	c/o Gardner & Lindbergh, 140 S. Dearborn St., Chicago, Ill.	P. E.
54	Garland, Walter R.	New Hampton, Iowa	P. E. & L. S.
519	Garrett, Arthur O.	1697-27th St., Des Moines, Iowa	P. E. & L. S.
1208	Gates, A. J.	Midland, Texas	P. E. & L. S.
452	Gaylord, Charles H.	400 E. 7th St., Trenton, Mo.	P. E. & L. S.
21	Gaynor, Keyes C.	525 Trimble Bldg., Sioux City, Iowa	P. E. & L. S.
427	Gearhart, Ralph W.	349 S. 21st St. E., Cedar Rapids, Iowa	P. E. & L. S.
207	Gibbs, Charles DeWitt	Box 448, Akron, Iowa	P. E. & L. S.
774	Gibbs, S. E.	Corydon, Iowa	P. E.
1068	Gibson, Ralph A.	P. O. Box 583, Whiting, Ind.	P. E. & L. S.
287	Gilbert, Earl O.	418 Lyceum Bldg., Duluth, Minn.	P. E. & L. S.
323	Gilbert, Geo. H.	Lock Box 199, Davenport, Iowa	P. E. & L. S.
37	Gilbert, Wesley	914 Robbins St., Sac City, Iowa	P. E. & L. S.
698	Gilchrist, Myrl C.	c/o Byllesby Engr. & Management Corp., Pittsburgh, Pa.	P. E.
428	Gillette, Harry A.	327-6th Ave. W., Cedar Rapids, Iowa	P. E. & L. S.
951	Gillette, Lester S.	Postoria, Iowa	P. E. & L. S.
1006	Gillette, Roy U.	Postoria, Iowa	P. E. & L. S.
1334	Gilman, J. C.	Bloomfield, Iowa	P. E.
1403	Girton, Russell B.	Allison, Iowa	P. E.
543	Gjellefeld, Olaf N.	Forest City, Iowa	P. E. & L. S.
394	Gleason, Clarence L.	State Highway Comm., Ames, Iowa	P. E. & L. S.
906	Goldthwaite, Byron	Marengo, Iowa	P. E. & L. S.
326	Goodrich, Ira E.	R. No. 8, Waterloo, Iowa	P. E. & L. S.
123	Goplerud, Clifford P.	Osage, Iowa	P. E. & L. S.
1232	Gordon, Ernest B.	670 Elmwood Ave., Webster Groves, Mo.	P. E.

ROSTER—(Continued)

Certificate No.	Name	Address	Branch of Engineering
1413	Goslin, Matthew L.	Winterset, Iowa	P. E.
899	Gould, Augustus G.	517 Wellman Ave., Davenport, Iowa	P. E. & L. S.
698	Gould, Edward E.	131 S. Oak St., Decatur, Georgia	P. E.
337	Gould, Vernon G.	733 Lucas Ave., Chariton, Iowa	P. E. & L. S.
155	Graham, Howard O.	1815 D. Ave., Cedar Rapids, Iowa	P. E. & L. S.
509	Graam, Paul	2315 E. 9th St., Des Moines, Iowa	P. E. & L. S.
241	Graham, Ralph C.	206 Kirkwood Blvd., Davenport, Iowa	P. E.
1059	Grachen, Henry W.	Amama, Iowa	L. S.
629	Gravenkamp, Henry H.	Hamburg, Iowa	P. E. & L. S.
176	Gray, B. L.	Greenwood, Iowa	P. E. & L. S.
1342	Gray, Donald W.	Box No. 86, Knoxville, Iowa	P. E.
419	Gray, Gaylord E.	904 W. 45th St., Des Moines, Iowa	P. E.
1021	Greeley, Samuel A.	6 North Michigan Ave., Chicago, Ill.	P. E. & L. S.
700	Green, Clarence G.	835-18th St., Des Moines, Iowa	P. E. & L. S.
533	Green, H. R.	c/o H. R. Green Co., Cedar Rapids, Iowa	P. E. & L. S.
1024	Green, Paul E.	400 N. Michigan Ave., Chicago, Ill.	P. E. & L. S.
498	Greene, Wm. J.	117 N. 10th St., Cedar Rapids, Iowa	P. E. & L. S.
411	Greenleaf, Harold	1220-16th St., Rock Island, Ill.	P. E. & L. S.
1477	Greenman, Webster	Greenfield, Iowa	P. E.
1058	Greenwood, Ralph H.	Tabor, Iowa	P. E. & L. S.
86	Griffith, Geo. M.	215 N. Van Buren St., Iowa City, Iowa	P. E. & L. S.
942	Griffith, Wm. A.	310 S. Main St., Mt. Pleasant, Iowa	P. E. & L. S.
34	Gross, Charles E.	West Broadway, Eagle Grove, Iowa	P. E. & L. S.
356	Grover, Alva J.	108 Mt. Vernon Ave., Council Bluffs, Iowa	P. E. & L. S.
1091	Grover, Charles H.	914 1/2 Summit St., Toledo, Ohio	P. E. & L. S.
823	Grover, Forest E.	1111 Harrison St., Council Bluffs, Iowa	P. E. & L. S.
556	Grupe, Edgar Y.	316 N. 37th St., Omaha, Neb.	P. E. & L. S.
573	Gunn, R. B.	2922 Garfield Ave., Hannibal, Mo.	P. E.
1180	Hahn, Edward W.	Elkader, Iowa	P. E. & L. S.
643	Hahn, H. W.	3516 Crocker St., Des Moines, Iowa	P. E.
450	Hakes, Charlton J.	Spencer, Iowa	P. E.
513	Halbfass, P. P. G.	314 N. Dubuque St., Iowa City, Iowa	P. E. & L. S.
1457	Hall, John G. Jr.	P. O. Box 15, Keosauqua, Iowa	P. E.
1061	Hall, Merle A.	Vinton, Iowa	P. E.
113	Hall, Merton G.	Centerville, Iowa	P. E. & L. S.
236	Halpin, Paul J.	1175-4th St., Des Moines, Iowa	P. E. & L. S.
767	Hammond, Robert Hugh	1216 Foreman Bldg., Los Angeles, Calif.	P. E. & L. S.
152	Hands, Stanley M.	3141 O. St., Sacramento, Calif.	P. E. & L. S.
1277	Handy, Walter H.	1001 Hubbell Bldg., Des Moines, Iowa	P. E.
67	Hansel, Harry E.	138 S. Millner, Ottumwa, Iowa	P. E. & L. S.
888	Hanson, Asle N.	409 Hill St., Decorah, Iowa	P. E.
683	Hanson, Bert B.	West Union, Iowa	P. E. & L. S.
1029	Harman, Jacob A.	604 Jefferson Bldg., Peoria, Ill.	P. E. & L. S.
612	Harrington, Arthur S.	P. O. Box 452, Omaha, Neb.	P. E. & L. S.
516	Harris, Charles H.	Virginia Elec. & Power Co., Richmond, Va.	P. E.
748	Harris, Frank C.	13107 Athens Ave., Cleveland, Ohio	P. E.
306	Hart, Guy D.	Bancroft, Iowa	P. E. & L. S.
115	Hart, R. C.	1692 Kinnickinnic Ave., Milwaukee, Wis.	P. E. & L. S.
1299	Hartley, Frank G.	607 Perkins Bldg., Tacoma, Wash.	P. E. & L. S.
154	Hartman, Russell T.	1251 Elmhurst Drive, Cedar Rapids, Iowa	P. E.
278	Hartupee, Harry W.	502 Capitol Theatre Bldg., Des Moines, Iowa	P. E. & L. S.
615	Hassler, Paul M.	292 Wilson Blvd., Fairfield, Iowa	P. E.
465	Hatch, Edward J.	c/o Hatch Motor Co., Creston, Iowa	P. E. & L. S.
216	Hatch, Walter A.	Iola, Wis.	P. E. & L. S.
140	Hatton, Norman	2042 Bever Ave., Cedar Rapids, Iowa	P. E.
40	Hawkins, Horace G.	116 2nd Ave. W., Oskaloosa, Iowa	P. E. & L. S.
1181	Hay, Earl D.	College of Engr., U. of Kansas, Lawrence, Kansas	P. E.
729	Headstrom, Chas. R.	839 W. 39th St., Des Moines, Iowa	P. E.
891	Heiple, Eldridge W.	158 N. Grant St., Hinsdale, Ill.	P. E. & L. S.
1432	Helgeland, S. M.	306-3rd St. S., Humboldt, Iowa	P. E.
268	Henkel, Carl A.	9 Oak Drive, Mason City, Iowa	P. E. & L. S.
1182	Henkel, George J. Jr.	512 Lloyd St., Milwaukee, Wis.	P. E. & L. S.
1402	Henningsen, E. G.	County Engr., Osceola, Iowa	P. E.
613	Henningsen, Henning H.	1301 S. 36th St., Omaha, Neb.	P. E. & L. S.
132	Henzock, Milton J.	c/o Straus Bros. Investment Co., 33 N. LaSalle St., Chicago, Ill.	P. E. & L. S.
1451	Henschen, Wm. H. B.	Garner, Iowa	P. E. & L. S.

ROSTER—(Continued)

Certificate No.	Name	Address	Branch of Engineering
1389	Hensing, Emmett H.	Alton, Iowa	P. E.
274	Herm, Ole G.	201 N. 5th St., Marshalltown, Iowa.	P. E. & L. S.
1290	Herrmann, Clarence C.	219 Virden St., Waterloo, Iowa.	P. E.
430	Herring, James W.	Clarion, Iowa	P. E. & L. S.
577	Hershire, Richard A.	R. F. D. No. 1, Kalamazoo, Mich.	P. E. & L. S.
164	Hershire, Richard A.	1410 N. 23rd St., Clinton, Iowa.	P. E. & L. S.
1252	Herwehe, Frederick A.	5106 W. 3rd St., Cicero, Ill.	P. E. & L. S.
992	Hiatt, Ernest B.	1264 South Mariposa St., Glendale, Calif.	P. E. & L. S.
1184	Hickethier, M. E.	Hampton, Iowa	P. E. & L. S.
431	Hickok, Harry O.	320-9th St., Ames, Iowa.	P. E. & L. S.
1064	Hickok, Harvey M.	1219 Flour Exchange Bldg., Minneapolis, Minn.	P. E. & L. S.
534	Higbee, Frederic G.	320 Ronalds St., Iowa City, Iowa.	P. E. & L. S.
1116	Higgins, Lafayette, Jr.	c/o Warrish & Co., Barranquilla, Columbia, South American, Apartado 879.	P. E. & L. S.
17	Higgins, Lafayette, Sr.	1144-25th St., Des Moines, Iowa.	P. E. & L. S.
1244	Hiland, John E.	1217 Marston Ave., Ames, Iowa.	P. E.
262	Hill, George E.	915 Pine St., Green Bay, Wis.	P. E. & L. S.
238	Hill, J. B.	c/o American Gas & Elec. Co., 30 Church St., New York City.	P. E. & L. S.
47	Hilton, Jos. K.	Clarion, Iowa	P. E. & L. S.
1070	Hinderman, Arthur W.	Wapello, Iowa	P. E. & L. S.
206	Hinman, Jack J., Jr.	121 Melrose Ave., Iowa City, Iowa.	P. E.
654	Hintgen, Leo N.	City Hall, Sioux City, Iowa.	P. E. & L. S.
369	Hites, Lisle V.	1326 Pennsylvania Ave., Des Moines, Iowa	P. E. & L. S.
1352	Hoeg, Victor H.	Decorah, Iowa	P. E. & L. S.
28	Hoffman, Isadore W.	126 S. Clark St., Carroll, Iowa	P. E. & L. S.
1185	Hogeland, Edward E.	814 Pine St., LaCrosse, Wis.	P. E. & L. S.
319	Holbrook, Leonard G.	County Engr., Rockwell City, Iowa.	P. E. & L. S.
279	Holbrook, Royal H.	1420-2nd Ave., Cedar Rapids, Iowa.	P. E. & L. S.
1426	Holderfer, Jos. L.	5th Floor Court House, Sioux City, Iowa.	P. E.
1025	Holland, Ray K.	106 E. Liberty St., Ann Arbor, Mich.	P. E. & L. S.
720	Hollister, V. L.	105 Bankers Life Bldg., Lincoln, Neb.	P. E. & L. S.
375	Holloway, Elmer A.	358 S. 21st St. E., Cedar Rapids, Iowa.	P. E. & L. S.
337	Holmes, Fred E.	903 Iowa Ave., Iowa City, Iowa.	P. E. & L. S.
733	Holmes, Leslie E.	2110 Beaver Ave., Des Moines, Iowa.	P. E.
945	Holmes, Sven Augen	205 W. Wacker Drive, Rm. 1709 Engineering Bldg., Chicago, Ill.	P. E.
372	Holt, Andrew H.	Engineering Bldg., Iowa City, Iowa.	P. E. & L. S.
704	Holtze, Harry S.	1112 26th St., Sioux City, Iowa.	P. E.
875	Hopkins, Peter F.	419 First St., S. E., Mason City, Iowa.	P. E. & L. S.
446	Hopcock, Lewis N.	1207 Cherry St., Des Moines, Iowa.	P. E. & L. S.
1439	Hornor, Oliver Howard	468 Board of Trade Bldg., Kansas City, Mo.	P. E.
1020	Horton, Geo. T.	1305 W. 105th St., Chicago, Ill.	P. E.
1186	Hostrup, Christian F.	c/o Pitometer Co., 50 Church St., New York City, N. Y.	P. E. & L. S.
1459	Houser, Paul J.	Board of Health, Engineering Dept., State House, Des Moines, Iowa.	P. E.
816	Howe, Arthur M.	809 "C" Ave. W., Oskaloosa, Iowa.	P. E. & L. S.
601	Howard, Marshall	132 S. 13th St., Lincoln, Neb.	P. E. & L. S.
812	Howe, Jesse W.	1835-6th Ave., Cedar Rapids, Iowa.	P. E.
329	Howe, Jos. H.	126-6th Ave., Cresco, Iowa.	P. E. & L. S.
911	Howenstine, Irvine V.	107 Lord Ave., Muscatine, Iowa.	P. E. & L. S.
1187	Howie, Harry H.	3403 Iola Ave., Des Moines, Iowa.	P. E. & L. S.
1034	Howson, L. R.	S. S. Dearborn St., Chicago, Ill.	P. E.
952	Huart, H. Charles.	356 Prospect Ave., Glen Ellyn, Ill.	P. E.
218	Hubbard, Frank R.	670-44th St., Des Moines, Iowa.	P. E.
1414	Huckins, J. G.	c/o Mo. Highway Comm., Willow Springs, Mo.	P. E.
914	Huerth, Theodore	c/o Savarino Hotel, Detroit, Mich.	P. E.
188	Huff, Clyde L.	1503 1/2 12th St., Los Angeles, Calif.	P. E. & L. S.
1152	Huffman, Roy S.	c/o Division Highways, Carbondale, Ill.	P. E. & L. S.
239	Hug, John	210 S. Russell Ave., Ames, Iowa.	P. E. & L. S.
583	Hughes, Homer	Rm. 530, New State Bldg., Lansing, Mich.	P. E. & L. S.
724	Hummel, Jesse G.	819-7th St., Ames, Iowa.	P. E.
1466	Hunt, H. W.	820 Wilson Ave., Ames, Iowa.	P. E. & L. S.
669	Huntington, Arthur	309 Security Bldg., Cedar Rapids, Iowa.	P. E.

ROSTER—(Continued)

Certificate No.	Name	Address	Branch of Engineering
308	Hurst, Beni. B.	Rockport, Mo.	P. E. & L. S.
554	Hutchinson, Bryce	281 B. Moine Ave., Long Beach, Calif.	P. E. & L. S.
1136	Hutchinson, Robert Clay	2912 Clifton Ave., St. Louis, Mo.	P. E. & L. S.
351	Hutton, Murray L.	907 Ridgewood, Ames, Iowa.	P. E. & L. S.
379	Huxtable, George S.	3915-5th Ave., Sioux City, Iowa.	P. E. & L. S.
800	Hyland, John L.	Oscola, Iowa	P. E. & L. S.
117	Ibleman, J. A.	515 Division St., Boone, Iowa.	P. E. & L. S.
1073	Iiff, Earl A.	Webster City, Iowa.	P. E. & L. S.
773	Iiff, Roscoe A.	1040 14th St., Marion, Iowa.	P. E. & L. S.
122	Ingersoll, Frank B.	Marshalltown, Iowa	P. E. & L. S.
129	Irwin, Everett H.	2407 Santiago Ave., Santa Ana, Calif.	P. E. & L. S.
1079	Jackson, Alwyn S.	Shore Acres, Madison, Wis.	P. E. & L. S.
963	Jacoby, Clark E.	7th Floor Interstate Bldg., Kansas City, Mo.	P. E. & L. S.
1153	Jamison, Orin L.	Box 361, Osceola, Iowa.	P. E. & L. S.
1348	Jenks, Harry N.	Consulting Sanitary Engr., Ft. Dodge, Iowa	P. E.
1130	Jennings, Thomas	1517 Rowland St., New York City, N. Y.	P. E. & L. S.
1468	John, E. V.	Maquoketa, Iowa	P. E. & L. S.
1060	Johnson, Arthur E. J.	City Mgr., Red Oak, Iowa.	P. E. & L. S.
281	Johnson, Frank L.	1309 Euclid Ave., Des Moines, Iowa	P. E. & L. S.
1427	Johnson, F. H.	Shellrock, Iowa	P. E. & L. S.
931	Johnson, George E.	1227 J. St., Lincoln, Neb.	P. E. & L. S.
474	Johnson, Harvey E.	8157 S. Park Ave., Chicago, Ill.	P. E. & L. S.
1372	Johnson, James W.	Iowa State Highway Comm., Ames, Iowa.	P. E.
422	Johnson, Merle E.	Winnebago, Minn.	P. E. & L. S.
374	Johnson, Robert T.	County Engr., Knoxville, Iowa.	P. E. & L. S.
500	Johnson, Telemachus H.	32nd & Myrtle Sts., Sioux City, Iowa.	P. E. & L. S.
460	Johnston, Hugh H.	905 N. Broadway, Watertown, S. D.	P. E. & L. S.
425	Johnston, Wardell D.	106 Pleasant St., Waterloo, Iowa.	P. E. & L. S.
1293	Jones, A. S.	2827 Logan Ave., Des Moines, Iowa.	P. E. & L. S.
1447	Jones, Bert D.	Sac City, Iowa.	P. E.
938	Jones, Earl E.	202 Masonic Temple, Des Moines, Iowa.	P. E.
581	Jones, Frank O.	Assistant Harbor Engr., City Hall, Miami, Florida	P. E. & L. S.
1475	Jones, Gerald S.	Forest City, Iowa.	P. E.
692	Jones, J. P.	1127 West 4th St., Waterloo, Iowa.	P. E. & L. S.
265	Jones, Oliver M.	3421 2nd St., Des Moines, Iowa.	P. E. & L. S.
1429	Jones, Robert P.	201 Nonpartial Court Bldg., Council Bluffs, Iowa	P. E.
1292	Jones, W. D.	Hartford Bldg., S. W. Corner Dearborn & Madison Sts., Chicago, Ill.	P. E. & L. S.
294	Jones, Wm. E.	917 Brookridge Ave., Ames, Iowa.	P. E.
275	Judd, W. A.	307 Security Bldg., Kansas City, Mo.	P. E. & L. S.
1278	Justen, Raymond H.	431 S. Summit, Iowa City, Iowa.	P. E.
485	Karr, Jay A.	Webster City, Iowa	P. E. & L. S.
292	Kaser, Elmer L.	Adel, Iowa	P. E. & L. S.
1320	Kaser, J. S.	Adel, Iowa	P. E. & L. S.
1134	Kassel, Henry J.	307 24th St., W. Mason City, Iowa.	P. E. & L. S.
3	Kastberg, K. G.	500 S. & L. Bldg., Des Moines, Iowa.	P. E. & L. S.
143	Kautz, Paul	1142-24th St., Des Moines, Iowa.	P. E. & L. S.
694	Keffler, Karl K.	202 Masonic Temple Bldg., Des Moines, Iowa	P. E.
935	Keith, Kirk J.	1505-47th St., Des Moines, Iowa.	P. E.
489	Keller, Geo. J.	221 S. Lucas St., Iowa City, Iowa.	P. E. & L. S.
1918	Keltner, Ray L.	402 Pear St., Shenandoah, Iowa.	P. E. & L. S.
719	Kenneally, Martin M.	c/o Ohio Brass Co., 50 Church St., New York City, N. Y.	P. E.
982	Kenworthy, Bruce R.	4306 Hickman Ave., Des Moines, Iowa.	P. E. & L. S.
705	Kerrigan, John C.	Fremont, Neb.	P. E. & L. S.
196	Kilpatrick, G. H.	424 Conger St., Waterloo, Iowa.	P. E. & L. S.
171	Kimball, Wm. H.	906 Mississippi Ave., Davenport, Iowa.	P. E. & L. S.
651	King, George M.	2513 High St., Des Moines, Iowa.	P. E. & L. S.
929	King, Lowell R.	909 Arlington Court, Davenport, Iowa.	P. E. & L. S.
618	Kinnaird, Robert N.	406 Lampton Bldg., Jackson, Miss.	P. E. & L. S.
1395	Kinne, Morris Y.	Webster City, Iowa	P. E. & L. S.
717	Kirk, Frank	1008 E. Main St., Estherville, Iowa.	P. E. & L. S.
46	Kittredge, Raymond B.	630 S. Governor St., Iowa City, Iowa.	P. E. & L. S.
616	Klaus, Henry S.	824 E. Fayette, Manchester, Iowa.	P. E.

ROSTER—(Continued)

Certificate No.	Name	Address	Branch of Engineering
558	Klinger, Wm. A.	1423 Douglas St., Sioux City, Iowa.	P. E. & L. S.
722	Koenig, Arnold C.	534 S. 28th St., Lincoln, Neb.	P. E. & L. S.
1473	Koenig, M. E.	807 Maple Ave., Decorah, Iowa.	P. E.
1415	Koentzer, L. H.	KSAC Box 217, Manhattan, Kansas.	P. E.
1420	Koontz, Paul E.	c/o Iowa State Highway Comm., Neola, Iowa.	P. E.
486	Korf, Elmer T.	Newton, Iowa.	P. E. & L. S.
828	Korret, John P.	Armstrong, Iowa.	P. E. & L. S.
416	Koss, George W.	325 42nd St., Des Moines, Iowa.	P. E. & L. S.
1465	Krane, Arnold	105½ E. Main St., Washington, Iowa.	P. E.
563	Kreth, Daniel	Wellman, Iowa.	P. E. & L. S.
1253	Kreymer, Allen N.	Box 51, Wapello, Iowa.	P. E. & L. S.
664	Krueh, Walter O.	910 Kahl Bldg., Davenport, Iowa.	P. E. & L. S.
228	Kuehliche, Otto	102 W. Central Park Ave., Davenport, Iowa.	P. E. & L. S.
351	Laing, Frank O.	2509 Raymond Drive, Des Moines, Iowa.	P. E. & L. S.
728	Laird, Madison R.	1957 W. 9th St., Des Moines, Iowa.	P. E. & L. S.
302	Lamb, Marion D.	8845 S. May St., Chicago, Ill.	P. E.
22	Lambert, Byron J.	No. 4 Melrose Circle, Iowa City, Iowa.	P. E. & L. S.
1390	Lamp, George E.	Audubon, Iowa.	P. E.
640	Lampe, Louis H.	Belleuve, Iowa.	L. S.
1272	Landes, Bates E.	1603-47th St., Des Moines, Iowa.	P. E.
1357	Langdon, B. J.	County Engr's Office, Maquoketa, Iowa.	P. E.
941	Lankford, Everett A.	1011 W. 6th St., Oklahoma City, Okla.	P. E.
1240	Larson, Harry	Callender, Iowa.	P. E.
1188	Larsen, O.	100 E. Washington St., Springfield, Ill.	P. E. & L. S.
1247	Larue, Perry	2315 Knappe St., Ames, Iowa.	P. E.
1086	Latimer, O. W.	403 Security Bldg., Cedar Rapids, Iowa.	P. E.
1478	Lau, Frank D.	325 N. Washington St., Ottumwa, Iowa.	P. E.
884	Laubenfels, Gustav A.	1121 Smith St., Burlington, Iowa.	P. E. & L. S.
525	Laubenfels, Harry J.	620 N. Main St., Burlington, Iowa.	P. E. & L. S.
350	Lawler, Francis D. H.	314 N. 4th St., Burlington, Iowa.	P. E. & L. S.
175	Leah, Vernon H.	Box 553, Muscatine, Iowa.	P. E. & L. S.
1374	Lechner, Carl P.	Box 175, Sta. F., Milwaukee, Wis.	P. E.
72	Lee, Albert W.	4323 Ingersoll Ave., Des Moines, Iowa.	P. E. & L. S.
286	Lee, Orville C.	214 S. 12th St., Sac City, Iowa.	P. E. & L. S.
484	Lee, Will M.	627 C. R. S. B. Bldg., Cedar Rapids, Iowa.	P. E. & L. S.
1139	Leefers, Otis L.	861 S. 17th St. E., Cedar Rapids, Iowa.	P. E. & L. S.
264	Leffert, David L.	404 S. Minnesota St., Algona, Iowa.	P. E. & L. S.
174	Lehnkuhl, Charles H.	Mt. Airy, Iowa.	P. E. & L. S.
383	Leibbrook, Leroy L.	Engr. Highway Comm., Elkader, Iowa.	P. E. & L. S.
342	Leicht, Harry S.	804 Grand Ave., Ames, Iowa.	P. E. & L. S.
600	Lewis, Wm. H.	316 Prospect Ave., Iowa Falls, Iowa.	P. E. & L. S.
1434	Leuner, Chauncey C.	1009 Rusholme St., Davenport, Iowa.	P. E.
1281	Lewellen, C. P.	209-10 Bever Bldg., Cedar Rapids, Iowa.	P. E. & L. S.
212	Lewis, E. M.	463 Grand Central Station, Chicago, Ill.	P. E. & L. S.
807	Lewis, Emanuel W.	202 N. 20th St., Cedar Rapids, Iowa.	P. E.
620	Lewis, Russell J.	1001 Ave. D., Ft. Madison, Iowa.	P. E. & L. S.
1269	Lien, Harold L.	Manchester, Iowa.	P. E.
442	Lilly, Andrew J.	529 West Brady, Tulsa, Okla.	P. E. & L. S.
271	Lilly, James H.	1267 1st Ave. E., Cedar Rapids, Iowa.	P. E. & L. S.
1243	Lindauer, W. P.	Anamosa, Iowa.	P. E.
1210	Lindberg, Fritz A.	140 S. Dearborn St., Chicago, Ill.	P. E.
352	Lindsay, Jesse L.	Grinnell, Iowa.	P. E. & L. S.
1154	Linstrum, Arthur C.	1306-46th St., Des Moines, Iowa.	P. E.
224	Little, Harry A.	Bedford, Iowa.	P. E. & L. S.
354	Livingston, Clarence R.	627 C. R. S. B. Bldg., Cedar Rapids, Iowa.	P. E. & L. S.
381	Lofstedt, Otis B.	Grand Junction, Iowa.	P. E. & L. S.
562	Long, George J.	608 1st St., Webster City, Iowa.	P. E.
482	Longer, Fred J.	Washington, Iowa.	P. E. & L. S.
139	Lorenzen, Ernest B.	714-5th Ave. S., Clinton, Iowa.	P. E. & L. S.
973	Loring, David M.	Engr. Dept. C. B. & Q. R. R., Lincoln, Neb.	P. E. & L. S.
967	Lowth, Charles F.	Rm. 898 Union Station, Chicago, Ill.	P. E.
58	Lowry, Lellis L.	219 6th Ave. E., Cresco, Iowa.	P. E. & L. S.
194	Luce, Arthur J. E.	P. O. Box 181, Winneconne, Wis.	P. E. & L. S.
842	Luce, Arthur T.	222 Hyship Ave., Westfield, N. J.	P. E. & L. S.
869	Lueder, Herman H.	c/o H. J. Heinz Co., Pittsburgh, Pa.	P. E.
1080	Lueder, Roy M.	501 Sunderland Bldg., Omaha, Neb.	P. E.

ROSTER—(Continued)

Certificate No.	Name	Address	Branch of Engineering
97	Luse, Wm. H.	2323 Pierce St., Sioux City, Iowa.	P. E. & L. S.
190	Luten, Daniel B.	1056 Consolidated Bldg., Indianapolis, Ind.	P. E. & L. S.
103	Lutze, Raymond C.	2011 4th St., Perry, Iowa.	P. E. & L. S.
252	Lyford, Fred R.	New Hampton, Iowa.	P. E. & L. S.
1322	Lysaght, James A.	P. O. Box 36, Tama, Iowa.	P. E.
574	MacDonald, Barnes	1336 E. 13th St., Des Moines, Iowa.	P. E.
647	MacDonald, Fred A.	Chariton, Iowa.	P. E. & L. S.
27	MacDonald, Fred A.	County Engr., Etherville, Iowa.	P. E. & L. S.
1010	MacDuffee, Karl M.	2308 N. 62nd St., Seattle, Wash.	P. E. & L. S.
371	MacGibbon, Wm. M.	504 Lewis Bldg., Portland, Oregon.	P. E. & L. S.
347	MacKenzie, Leon R.	541 W. 44th St., Des Moines, Iowa.	P. E.
434	MacVicar, John, Jr.	1338-9th St., Des Moines, Iowa.	P. E.
894	McAllister, John	Prattsburg, N. Y.	P. E. & L. S.
210	McAfee, Thomas P.	Dist. Highway Office, Ottawa, Ill.	P. E. & L. S.
29	McCauley, Thos. F.	351-35th St., Des Moines, Iowa.	P. E. & L. S.
1456	McCauley, Wm. H.	c/o Montgomery Ward Co., Chicago, Ill.	P. E.
741	McClain, Fred H.	1123-2nd St., Ames, Iowa.	P. E.
747	McClelland, Frederick D.	Corning, Iowa.	P. E. & L. S.
57	McClure, Wm. E.	Rockwell City, Iowa.	P. E. & L. S.
109	McCormick, Robert	812 Ridgewood, Ames, Iowa.	P. E. & L. S.
1323	McCosh, S. A.	1705 Mt. Vernon Ave., Cedar Rapids, Iowa.	P. E.
1440	McCosh, W. J.	Atlantic, Iowa.	P. E.
253	McCown, W. V.	4530 Waveland Court, Des Moines, Iowa.	P. E. & L. S.
467	McCoy, John J.	330 Iowa St., Cedar Falls, Iowa.	P. E. & L. S.
806	McCalloh, Ernest	3290 Grand Ave., Minneapolis, Minn.	P. E. & L. S.
541	McCullough, Geo. K.	Humboldt, Iowa.	P. E. & L. S.
1282	McCudden, P. H.	Algona, Iowa.	P. E.
62	McFarland, Malcolm F.	Court House, Red Oak, Iowa.	P. E.
822	McGaughy, John D.	c/o County Engr., Newton, Iowa.	P. E.
619	McGrath, C. P.	815 Ave. F., Ft. Madison, Iowa.	P. E. & L. S.
968	McGraw, Max	1229 Blondeau St., Keokuk, Iowa.	P. E. & L. S.
792	McKray, Noble M.	116 Clinton St., Mt. Clemons, Mich.	P. E. & L. S.
377	McKean, Hugh C.	120 S. LaSalle St., Chicago, Ill.	P. E.
1308	McKee, Ed. Ruthven	Box No. 6, Yanketown, Fla.	P. E. & L. S.
1146	McKee, James B.	c/o Elec. Engr. Dept., Iowa State College, Ames, Iowa.	P. E.
1189	McKeel, Alfred L.	412 N. 16th St., Ft. Dodge, Iowa.	P. E. & L. S.
1479	McKinley, L. W.	Guthrie Center, Iowa.	P. E. & L. S.
1236	McLean, James C.	Greenfield, Iowa.	P. E.
1092	McLennan, Donald M.	County Engr., Sioux City, Iowa.	P. E.
338	McMurray, Ray	Polk Bldg., Des Moines, Iowa.	P. E.
1351	McNall, S. H.	Newton, Iowa.	P. E. & L. S.
1328	McNeely, John Knox	488 Oakland Ave., Cedar Rapids, Iowa.	P. E. & L. S.
1190	McShane, Jesse J.	532 Hayward Ave., Ames, Iowa.	P. E.
852	McWayne, Albert	322 10th St., Davenport, Iowa.	P. E.
617	Mack, Frank W.	324 Union Bldg., Sioux Falls, S. D.	P. E. & L. S.
778	Mack, George H.	713 E. 3rd St., Storm Lake, Iowa.	P. E.
760	Madison, Walter G.	1111 West 5th St., Davenport, Iowa.	P. E. & L. S.
1156	Magee, Bronson R.	1204-3rd St., Ames, Iowa.	P. E.
1228	Magowan, Donald S.	1756 Avalon Rd., Cleveland, Ohio.	P. E.
1109	Maher, Jos. P.	Box 37, Effingham, Ill.	P. E.
429	Maher, John R.	County Engr's Office, Carroll, Iowa.	P. E.
1289	Mahone, Leslie Wilmore	Eldora, Iowa.	P. E. & L. S.
751	Maier, Harry E.	3008 Wood St., Ames, Iowa.	P. E. & L. S.
1390	Maine, Herbert A.	406 Marsh Place Bldg., Waterloo, Iowa.	P. E. & L. S.
759	Malcom, Vincent V.	306 Marsh Place Bldg., Waterloo, Iowa.	P. E. & L. S.
826	Malcolm, Fred A.	Malcom, Neb.	P. E. & L. S.
589	Malcolm, Ora P.	Greenfield, Iowa.	P. E. & L. S.
169	Mallette, Frank G.	Peachontas, Iowa.	P. E. & L. S.
316	Malloy, John M.	Leon, Iowa.	P. E. & L. S.
1030	Manhard, Edward	1912 Eastern Ave., Davenport, Iowa.	P. E.
426	Mann, Franklin H.	1223-21st St., Rock Island, Ill.	P. E.
937	Marker, Harvey M.	317 Russell Ave., Ames, Iowa.	P. E. & L. S.
1471	Marsh, D. Y.	507 South Locust St., Jefferson, Iowa.	P. E.
548	Marsh, Frank E.	Box 406, Sioux City, Iowa.	P. E. & L. S.
454	Marsh, Fred H.	618 New England Bldg., Topeka, Kan.	P. E. & L. S.
		c/o Alumni Secy., Iowa State College, Ames, Iowa.	P. E. & L. S.

ROSTER—(Continued)

Certificate No.	Name	Address	Branch of Engineering
7	Marsh, James B.	206 Masonic Temple Bldg., Des Moines, Iowa	P. E. & L. S.
15	Marston, Anson	Ames, Iowa	P. E. & L. S.
1448	Martin, Howard C.	923 N. 16th St. E., Cedar Rapids, Iowa	P. E.
5	Martin, L. M.	201 Nonpareil Court Bldg., Council Bluffs, Iowa	P. E. & L. S.
105	Martin, Thomas R.	Emmetsburg, Iowa	P. E. & L. S.
1157	Martin, Thurman E.	Glenwood, Iowa	P. E.
630	Mason, Clyde	2631 Knapp St., Ames, Iowa	P. E. & L. S.
740	Mathewson, Isaac	1919 Mulberry Ave., Muscatine, Iowa	P. E. & L. S.
949	Matson, T. F.	Goodell, Iowa	P. E. & L. S.
1452	Mattox, Clair H.	601-6th St., Ames, Iowa	P. E.
1225	Maxwell, Fred W.	1668 Kentucky St., Quincy, Ill.	P. E. & L. S.
384	Maxwell, Wayne D.	Rm. 7, Masonic Bldg., 3rd & State St., Harrisburg, Pa.	P. E. & L. S.
162	Mayne, Arthur H.	803-7th Ave., Council Bluffs, Iowa	P. E. & L. S.
161	Mayne, Joel H.	400 Glen Ave., Council Bluffs, Iowa	P. E. & L. S.
1138	Mead, Daniel W.	State Journal Bldg., Madison, Wis.	P. E.
975	Mechen, Alre W.	Clarion, Iowa	P. E.
31	Mechen, George L.	Clarion, Iowa	P. E. & L. S.
24	Meeker, Warren H.	Iowa State College, Ames, Iowa	P. E.
555	Melberg, Amos	316 S. 19th St., Cedar Rapids, Iowa	P. E. & L. S.
1992	Melson, S. J.	Jefferson, Iowa	P. E. & L. S.
569	Menges, Theodore C.	246 Western Ave., Waterloo, Iowa	P. E.
332	Mercer, Joseph W.	341 Cutter St., Waterloo, Iowa	P. E. & L. S.
1001	Meredith, E. R.	Iowa State Highway Comm., Ames, Iowa	P. E. & L. S.
780	Merrill, Keith B.	1123-45th St., Des Moines, Iowa	P. E. & L. S.
1283	Merrill, R. E.	elo City Hall, Oskaloosa, Iowa	P. E. & L. S.
1191	Merritt, Robert W.	Ottumwa, Iowa	P. E.
298	Merten, Charles F.	Garner, Iowa	P. E. & L. S.
1435	Meyer, R. F.	Maintenance Supt., Shenandoah, Iowa	P. E.
1394	Meyers, B. R.	115 Tama St., Boone, Iowa	P. E.
193	Michaelsen, Thorvald	224 E. 10th St., Cedar Falls, Iowa	P. E. & L. S.
246	Michel, Aebha E.	S. Harlan St., Algona, Iowa	P. E. & L. S.
791	Michel, Paul A.	403 Maple St., Red Oak, Iowa	P. E. & L. S.
1093	Middleton, Harry C.	Excelsior Heater & Supply Co., St. Paul, Minn.	P. E.
532	Miller, Arthur F.	Marshalltown, Iowa	P. E. & L. S.
20	Miller, George W.	Pioneer Nat. Bank Bldg., Waterloo, Iowa	P. E. & L. S.
77	Miller, Herbert	1112 E. 13th St., Des Moines, Iowa	P. E. & L. S.
1341	Miller, Reuben J.	617 Caward Bldg., Waterloo, Iowa	P. E.
1192	Miller, Maurice C.	810 Hubbell Bldg., Des Moines, Iowa	P. E.
53	Miner, W. H.	522 Belmont Ave., Chicago, Ill.	P. E. & L. S.
96	Minnis, C. L.	Pittsburgh-Des Moines Steel Co., Des Moines, Iowa	P. E. & L. S.
1120	Mirick, Alfred S.	5456 Pennsylvania Ave., Pittsburgh, Pa.	P. E. & L. S.
146	Mitchell, Lamont J.	326 E. 19th St., Sioux Falls, S. D.	P. E. & L. S.
986	Moeller, J. A.	Rockwell City, Iowa	P. E. & L. S.
1082	Monlux, Wm. L.	Tenno, Washington	P. E. & L. S.
601	Moore, John P.	Rockwell City, Iowa	P. E. & L. S.
1349	Moore, Ralph L.	319 Jefferson St., Decorah, Iowa	P. E.
80	Moorehead, Hammond A.	Iida Grove, Iowa	P. E. & L. S.
1087	Moots, Elmer E.	170 8th Ave. N., Mt. Vernon, Iowa	P. E. & L. S.
306	Moorehouse, Wallace W.	31 E. Norman Ave., Dayton, Ohio	P. E. & L. S.
1031	Morgan, Arthur E.	Lindlow Bldg., Dayton, Ohio	P. E. & L. S.
808	Morgan, Avery L.	3319 Cottage Grove Ave., Des Moines, Iowa	P. E. & L. S.
1379	Morgan, Fred J.	215 E. Logan St., New Hampton, Iowa	P. E.
1193	Morgan, Grover B.	Box 78, R. 1, Hamburg, Iowa	P. E. & L. S.
205	Moriarity, Clarence	1301 Equitable Bldg., Des Moines, Iowa	P. E. & L. S.
1419	Morris, Edward L.	West Union, Iowa	P. E.
1254	Morris, Mark B.	Iowa State Highway Comm., Ames, Iowa	P. E.
83	Morris, Sidney	268 Lauren Ave., Highland Park, Ill.	P. E. & L. S.
211	Morrison, Jos. S.	112 1/2 E. 3rd St., Ottumwa, Iowa	P. E. & L. S.
309	Mosher, Leslie V.	24 Springfield Ave., Cranford, N. J.	P. E. & L. S.
1335	Moyer, Ralph A.	2114 S. Storm St., Ames, Iowa	P. E.
364	Mullen Ralph George	Box 1148, South Hampton, Long Island, N. Y.	P. E. & L. S.

ROSTER—(Continued)

Certificate No.	Name	Address	Branch of Engineering
1229	Mullergren, Arthur L.	770 Board of Trade Bldg., Kansas City, Mo.	P. E.
1011	Mulligan, W. B.	Tyndall, S. D.	P. E. & L. S.
793	Myers, Bert M.	elo State Highway Comm., Ames, Iowa	P. E. & L. S.
964	Nagle, Clarence F.	1411 W. 6th St., Waterloo, Iowa	P. E.
1354	Nagler, Floyd A.	6 Melrose Circle, Iowa City, Iowa	P. E.
844	Naiden, Fred S.	Adel, Iowa	P. E. & L. S.
440	Naberger, Leon	316 Central Office Bldg., Davenport, Iowa	P. E. & L. S.
776	Negus, Joseph E.	604-4th St., Ft. Madison, Iowa	P. E. & L. S.
386	Nelson, C. J.	P. O. Box 363, Keokuk, Iowa	P. E. & L. S.
883	Nelson, Ernest E.	Box 44, Sigourney, Iowa	P. E. & L. S.
688	Nelson, Fred Oscar	Toledo, Iowa	P. E. & L. S.
373	Nelson, Geo. A.	227 Monona St., Boone, Iowa	P. E. & L. S.
932	Nelson, N. Fred	595 Miller Ave., Spencer, Iowa	P. E.
1090	Nemmers, W. P.	3916 W. 10th St., Des Moines, Iowa	P. E. & L. S.
753	Ness, Clarence J.	811 1/2 Commercial St., Waterloo, Iowa	P. E.
838	Neumann, Harold C.	519 Hubbell Bldg., Des Moines, Iowa	P. E.
397	Nevin, James R.	108 Stewart St., Woodstock, Ill.	P. E. & L. S.
918	Nichols, Earle G.	Iowa Railway & Light Co., Cedar Rapids, Iowa	P. E.
1159	Nichols, John Cross	L. & N. Ry. Co., Rm. 800, Louisville, Ky.	P. E.
736	Nichols, Wm. P.	629-5th St., Ames, Iowa	P. E. & L. S.
915	Nielandt, Will C.	941-7th, Des Moines, Iowa	P. E.
1125	Nixon, Harry Stillwell	309 Omaha Grain Exchange Bldg., Omaha, Neb.	P. E. & L. S.
423	Norman, Roy A.	715 Ridgewood Ave., Ames, Iowa	P. E.
138	Norris, Mark V.	Webster City, Iowa	P. E. & L. S.
1194	Norris, Wm. Patrick	County Engr., Clarinda, Iowa	P. E.
1345	Nowlin, H. B.	Ft. Madison, Iowa	P. E.
777	O'Brien, Stephen W.	864 Saunders-Kennedy Bldg., Omaha, Neb.	P. E. & L. S.
1255	O'Connor, Wm. C.	Maintenance Supt., Adel, Iowa	P. E. & L. S.
936	Ogden, Frank Firm	223-4th St., Crookston, Minn.	P. E. & L. S.
148	Oliver, Geo. Edwin	10 Deerpath Ave., Lake Forest, Ill.	P. E. & L. S.
787	Olson, Arthur O.	219 Danigelis Block, Muskegon Heights, Mich.	P. E. & L. S.
1364	Olson, Arthur K.	elo Iowa Highway Comm., Ames, Iowa	P. E.
404	Olson, Carl E.	P. O. Box 205, Montezuma, Iowa	P. E. & L. S.
185	Olson, Wm. A.	Nevada, Iowa	P. E. & L. S.
1049	Oltarah, Davis M.	36 West 44th St., New York City, N. Y.	P. E. & L. S.
1377	Orcutt, Forrest G.	Box 104, Wellington, Colo.	P. E.
758	O'Rourke, John B.	1118 Mulberry St., Des Moines, Iowa	P. E. & L. S.
471	Orr, Harry O.	Waukon, Iowa	P. E. & L. S.
347	Owen, Wm. E., Jr.	221 Cedar Rapids Sav. Bank Bldg., Cedar Rapids, Iowa	P. E. & L. S.
650	Paine, Frank D.	828-8th St., Ames, Iowa	P. E.
653	Paine, Paul M.	Lichter Road, Kenosha, Wis.	P. E. & L. S.
1369	Parker, Carl H.	elo J. S. Morrison, Ottumwa, Iowa	P. E.
790	Parker, Louis Franklin	2905 Center St., Des Moines, Iowa	P. E. & L. S.
1326	Parker, Van H.	Court House, Dubuque, Iowa	P. E. & L. S.
897	Parr, Chas. H.	100 Hullin St., Charles City, Iowa	P. E.
1397	Parsons, Donald A.	907-11th St., Marion, Iowa	P. E.
305	Parsons, Douglas E.	U. S. Bureau of Standards, Washington, D. C.	P. E. & L. S.
147	Parsons, John L.	310 1st Nat. Bank Bldg., Ft. Dodge, Iowa	P. E. & L. S.
1951	Patterson, Archie S.	Box 121, Redfield, Iowa	P. E. & L. S.
327	Patterson, Ralph E.	1703 Crawford St., Boone, Iowa	P. E.
1221	Patzer, Frank A.	elo Southern Surety Co., St. Louis, Mo.	P. E. & L. S.
9	Patzer, Monroe L.	680-4th St., Des Moines, Iowa	P. E. & L. S.
743	Pauley, Ray E.	83 River Heights Drive, Mason City, Iowa	P. E. & L. S.
481	Paulson, John A.	2026 W. 3rd St., Waterloo, Iowa	P. E. & L. S.
1431	Paylor, Wm. L.	elo State Highway Comm., Ames, Iowa	P. E.
994	Payton, James R.	9 South 9th St., Marshalltown, Iowa	P. E.
742	Pearce, Frank D.	22 Beaumont Drive, Mason City, Iowa	P. E. & L. S.
134	Pearsall, Amos C.	1920 Arlington Ave., Des Moines, Iowa	P. E.
1043	Pearse, Langdon	P. O. Drawer F., Winnetka, Ill.	P. E. & L. S.
673	Peck, Edwin H.	Decatur, Iowa	P. E. & L. S.
1133	Pedersen, Hans V.	11 North 11th St., Marshalltown, Iowa	P. E. & L. S.
320	Percival, John S.	Div. of Engr. Waterworks Dept., Detroit, Mich.	P. E. & L. S.

ROSTER—(Continued)

Certificate No.	Name	Address	Branch of Engineering
403	Perkins, Wm. L.	Chariton, Iowa	P. E. & L. S.
546	Perry, Guy A.	Iowa State Highway Comm., Creston, Iowa	P. E. & L. S.
697	Perry, Thomas R.	412 10th St., Ames, Iowa	P. E. & L. S.
856	Peterson, Frank A.	625 C. R. S. Bank Bldg., Cedar Rapids, Iowa	P. E. & L. S.
953	Petersen, Wm. H.	2860 E. 76th St., Chicago, Ill.	P. E. & L. S.
962	Pettit, Homer B.	1st Lt. C. E., Michigan College of Mining and Technology, Houghton, Mich.	P. E. & L. S.
666	Phelps, Howard L.	West Branch, Iowa	P. E. & L. S.
1226	Phelps, Mark Boardman	6319 Michigan Ave., Detroit, Mich.	P. E. & L. S.
922	Pickus, Joseph	764 First Nat. Bank Bldg., Chicago, Ill.	P. E.
796	Pilmer, John M.	810 Lincoln Ave., Des Moines, Iowa	P. E. & L. S.
626	Piaister, Joseph M.	1500 3rd Ave. N., Ft. Dodge, Iowa	P. E.
627	Plauman, Hubert R.	725 Fairview Ave., Waterloo, Iowa	P. E.
628	Porter, Wm. S.	1003 Edington Ave., Eldora, Iowa	P. E. & L. S.
237	Pray, John W.	Supt. Water Dept., Ft. Dodge, Iowa	P. E.
1230	Preston, Foster Kelsey	c/o Iowa State Highway Comm., 3rd Floor Globe Gazette Bldg., Mason City, Iowa	P. E.
137	Preston, Perry J.	2310 S. Newton, Sioux City, Iowa	P. E. & L. S.
317	Pries, Wm. A.	407 Washington Ave., St. Louis, Mo.	P. E.
198	Pries, Wm. G.	201 Masonic Bldg., Chariton, Iowa	P. E. & L. S.
1382	Proescholdt, Walter H.	3521 Elm Ave., Cedar Rapids, Iowa	P. E.
1355	Prosser, J. G.	1300 First Ave. N., Ft. Dodge, Iowa	P. E. & L. S.
26	Quackebush, John P.	1600 Wilson Ave., Webster City, Iowa	P. E. & L. S.
904	Quale, W. L.	Thompson, Iowa	P. E. & L. S.
637	Quinn, Leroy A.	1320 Burch Ave. N., Cedar Rapids, Iowa	P. E. & L. S.
1411	Raddcliffe, F. Searle	523 Citizens Bank Bldg., Davenport, Iowa	P. E.
231	Ralph, Charles R.	606 Crocker Bldg., Des Moines, Iowa	P. E.
1195	Randolph, Otto C. F.	1637 Monadnock Bldg., 53 W. Jackson Bldg., Chicago, Ill.	P. E.
1311	Rath, Geo. E.	302 Walnut Court, Waterloo, Iowa	P. E.
1222	Raver, Duane DeForest	Grinnell, Iowa	P. E.
1418	Rawlings, R. A.	Onawa, Iowa	P. E.
49	Rawn, Wm. P.	603 N. 2nd Ave., Washington, Iowa	P. E. & L. S.
1196	Raynor, Ernest Garfield	Federal Bldg., Pierre, S. D.	P. E. & L. S.
79	Reed, Carl M.	710 South Acacia, Compton, Calif.	P. E. & L. S.
1004	Reichstein, Amiel A.	302 E. Adams St., Fairfield, Iowa	P. E. & L. S.
1437	Reid, John Fairgraves	1123 W. 4th St., Boone, Iowa	P. E.
507	Reiff, Paul P.	1302 City Nat. Bank Bldg., Omaha, Neb.	P. E.
1141	Reinboldt, Paul H.	Dist. Mgr. Box 192, Rochester, Minn.	P. E.
363	Reis, Paul B.	303 51st St., Des Moines, Iowa	P. E. & L. S.
223	Reynolds, John F.	304 Superior St., Storm Lake, Iowa	P. E. & L. S.
1436	Reynolds, Jos. C.	309 Omaha Grain Exchange Bldg., Omaha, Neb.	P. E.
214	Rhodes, Benjamin F.	Swea City, Iowa	P. E. & L. S.
1378	Rhomberg, A. A.	495 W. 7th St., Dubuque, Iowa	P. E. & L. S.
1223	Richards, Jos. Harold	c/o Dist. Engr.'s Office, Storm Lake, Iowa	P. E.
1454	Richards, Leon K.	400 W. Street, Shenandoah, Iowa	P. E.
1017	Richardson, Robert W.	Div. Engr. C. & N. W. Ry. Co., Sioux City, Iowa	P. E. & L. S.
232	Riedesel, Paul W.	P. O. Box 287, Wayzata, Minn.	P. E. & L. S.
889	Riesche, Robert R.	3716-5th Ave., Sioux City, Iowa	P. E.
721	Riley, Thomas E.	County Engr., Maquoketa, Iowa	P. E. & L. S.
1301	Ringland, John	4037 Center St., Des Moines, Iowa	P. E.
1209	Rislav, O. G.	Lake Mills, Iowa	P. E. & L. S.
1450	Robertson, J. W.	824 Duff Ave., Ames, Iowa	P. E.
267	Roberts, Robert E.	1615 S. Delaware Ave., Mason City, Iowa	P. E. & L. S.
999	Rogers, Carl A.	Denison, Iowa	P. E. & L. S.
1313	Rogers, R. R.	721 Willow Ave., Harlan, Iowa	P. E. & L. S.
770	Rohrbough, Elmore M.	721 Omaha Loan & Bldg. Assn. Bldg., Omaha, Neb.	P. E. & L. S.
191	Roland, Clarence W.	1347-8th St., Des Moines, Iowa	P. E. & L. S.
1297	Rollins, W. B.	389 Railway Exchange Bldg., Kansas City, Mo.	P. E.
731	Roman, Emory G.	228 N. Law St., Appleton, Wis.	P. E.
744	Romig, Harold M.	10 Lathrop St., Madison, Wis.	P. E. & L. S.
1161	Romine, Wm. Harold	1110 Harrison St., Davenport, Iowa	P. E. & L. S.
273	Root, Walter H.	904 Brookridge Ave., Ames, Iowa	P. E. & L. S.

ROSTER—(Continued)

Certificate No.	Name	Address	Branch of Engineering
1113	Rounds, Don M.	708-16th St., Des Moines, Iowa	P. E. & L. S.
160	Rounds, Garland L.	c/o Childs & Smith, 729 N. Michigan Ave., Chicago, Ill.	P. E. & L. S.
1396	Rubey, Floyd G.	County Engr. c/o Court House, Cherokee, Iowa	P. E.
587	Rude, Lewis M.	Pomeroy, Iowa	P. E.
1260	Rudisill, Clayton Paul	Grundy Center, Iowa	P. E. & L. S.
250	Russell, Don B.	312 F. Ave. West, Okaloosa, Iowa	P. E. & L. S.
1441	Russel, Tom	301 City Hall, Sioux City, Iowa	P. E.
393	Rust, Thomas E.	Chief Engr. W. C. F. & N. Ry., Waterloo, Iowa	P. E. & L. S.
680	Ryan, James A.	402 Old Masonic Temple, Davenport, Iowa	P. E. & L. S.
545	Ryan, John J.	1100 S. Grandview Ave., Dubuque, Iowa	P. E. & L. S.
710	Sani, Herman	3209 Ingersoll Ave., Des Moines, Iowa	P. E. & L. S.
315	Saum, Philip V.	2639 Ave. D., Council Bluffs, Iowa	P. E. & L. S.
1433	Savage, P. T.	1528 W. 12th St., Des Moines, Iowa	P. E.
1467	Sayre, Charles E.	1247-41st St., Des Moines, Iowa	P. E. & L. S.
881	Sayre, Herbert A.	622 Brookridge Ave., Ames, Iowa	P. E. & L. S.
817	Scanlon, John Leo	487 Elliott Square, Buffalo, N. Y.	P. E.
1233	Schackle, Stephen A.	503 Marsh Place Bldg., Waterloo, Iowa	P. E.
296	Schafer, Chas. W.	217 Adams St., Jefferson City, Mo.	P. E. & L. S.
30	Scharlack, C. C.	119 S. Wooster, Algona, Iowa	P. E. & L. S.
1128	Schenk, Ernest Eugene	139 Williston Ave., Waterloo, Iowa	P. E. & L. S.
387	Schlick, Wm. J.	717-7th St., Ames, Iowa	P. E. & L. S.
1472	Schmidt, Fred B.	1149 Julian Ave., Dubuque, Iowa	P. E. & L. S.
1027	Schmidt, G. J.	113 Behrends St., Peoria, Ill.	P. E. & L. S.
505	Schmidt, Theo J.	P. O. Box 3817, Station A, Florida Bridge and Construction Co., Orlando, Florida	P. E. & L. S.
187	Schmidt, Wm.	4541 Shirley St., Omaha, Neb.	P. E. & L. S.
1198	Schmitt, Herbert C.	875 Sherman Blvd., Milwaukee, Wis.	P. E. & L. S.
1224	Schmitt, Hubert	302 E. 70th St., Kansas City, Mo.	P. E.
291	Schneider, Fred C.	118 7th St., Ames, Iowa	P. E. & L. S.
1386	Schneider, Paul A.	Decorah, Iowa	P. E.
299	Schnell, August	915 N. 2nd St., Clinton, Iowa	P. E. & L. S.
1235	Schone, Frank Paul	Iowa City, Iowa	P. E. & L. S.
1365	Schoppe, Paul S.	297 E. Harrison St., Jefferson, Iowa	P. E.
745	Schott, Alfred M.	133 Koehler Court, San Antonio, Texas	P. E. & L. S.
579	Schreiber, Raymond A.	686-20th St., Des Moines, Iowa	P. E.
1305	Schuetz, A. H.	913 Pioneer Bldg., St. Paul, Minn.	P. E.
1380	Schwartz, Walter A.	Eldora, Iowa	P. E.
599	Schwaderer, Herbert C.	13th St. & 3rd Corso, Nebraska City, Neb.	P. E. & L. S.
472	Schwob, Walter E.	617 Johnson County Bank Bldg., Iowa City, Iowa	P. E.
703	Sears, Veari Vivian	5823 Cedar St., Omaha, Neb.	P. E. & L. S.
662	Seidel, Earl	Albia, Iowa	P. E. & L. S.
1417	Seliger, Karl L.	Orange City, Iowa	P. E.
420	Sernstrom, Carl Y.	Denison, Iowa	P. E. & L. S.
1199	Sett, Walker	13834 Michigan Ave., Riverdale, Ill.	P. E. & L. S.
1444	Seymour, Frank L.	936 Grant St., City Mgr's Office, Betten dorf, Iowa	P. E.
843	Severson, Jay H.	636 E. Park Ave., Albert Lea, Minn.	P. E. & L. S.
766	Shaffer, John W.	Court House, Minneapolis, Minn.	P. E. & L. S.
480	Shane, Adolph	Iowa State College, Ames, Iowa	P. E.
857	Shannon, C. A.	706 First Ave., Nebraska City, Neb.	P. E. & L. S.
1445	Shannon, Fred	302 City Hall, Sioux City, Iowa	P. E. & L. S.
1162	Shelton, W. M. P.	118 Grand St., Burlington, Iowa	P. E.
752	Sherman, Leroy K.	33 E. Clark St., Chicago, Ill.	P. E.
290	Shirley, Charles W.	1518 Commercial St., Waterloo, Iowa	P. E. & L. S.
521	Shive, Philip W.	c/o Iowa Highway Comm., Cedar Rapids, Iowa	P. E. & L. S.
59	Shivers, Berthier H.	3209 School St., Des Moines, Iowa	P. E. & L. S.
260	Shoemaker, Clyde A.	800 Galtion Arts Bldg., Kansas City, Mo.	P. E.
1469	Shoemaker, Guy T.	2537 Fulton Ave., Davenport, Iowa	P. E.
1358	Siefert, M. J.	Iowa State Highway Comm., Creston, Iowa	P. E.
983	Silence, Steiner	904 E. Main St., Marshalltown, Iowa	P. E.
173	Silence, Shampson E.	864 Saunders Kennedy Bldg., Omaha, Neb.	P. E. & L. S.
70	Simpson, Charles F.	1306 Athletic Club Bldg., Dallas, Texas	P. E. & L. S.
1404	Simpson, Elmer D.	730 Yale Ave., Chicago, Ill.	P. E. & L. S.
1404	Sinclair, D. M.	2240-19th Ave., San Francisco, Calif.	P. E.

ROSTER—(Continued)

Certificate No.	Name	Address	Branch of Engineering
1424	Sindt, Howard T.	Iowa State Highway Comm., Delmar, Iowa	P. E.
928	Singer, Leslie R.	2920 Pierce St., Sioux City, Iowa	P. E.
192	Sjolander, Otto	c/o Iowa Highway Comm., Ames, Iowa	P. E. & L. S.
372	Skelske, George Y.	2817 Nebraska St., Sioux City, Iowa	P. E. & L. S.
1032	Skidmore, Hugh W.	536 Lake Shore Drive, Chicago, Ill.	P. E.
293	Slippy, Ralph B.	406 Lafayette Bldg., Waterloo, Iowa	P. E. & L. S.
582	Sloan, Wm. M.	1118-20th St., Des Moines, Iowa	P. E.
876	Smalley, Clarence E.	706 Jackson St., Charles City, Iowa	P. E. & L. S.
192	Smith, Arthur A.	Ground & Bldg., State University, Iowa City, Iowa	P. E. & L. S.
477	Smith, Burton R.	Tipton, Iowa	P. E. & L. S.
433	Smith, Clarence E.	406 S. Main St., Mt. Pleasant, Iowa	P. E. & L. S.
1939	Smith, Earl B.	M. E. Dept., Iowa State College, Ames, Iowa	P. E.
1327	Smith, Earl W.	Lake City, Iowa	P. E. & L. S.
1353	Smith, Frank R.	Little Sioux, Iowa	P. E. & L. S.
479	Smith, Fred Dean	Apartado 561, Tampico, Mexico	P. E. & L. S.
716	Smith, George W.	4201 Davis St., Sioux City, Iowa	P. E. & L. S.
114	Smith, Gordon P.	Olivia, Minn.	P. E.
263	Smith, Howard M.	Washita, Iowa	P. E. & L. S.
1262	Smith, Kenneth James	Humboldt, Iowa	P. E. & L. S.
864	Smith, Perry P.	1600 Washington Ave., Cedar Rapids, Iowa	P. E. & L. S.
438	Smith, Robert J.	303 Forrester Road, Davenport, Iowa	P. E. & L. S.
141	Smith, Willis J.	210 Pleasant St., Ottumwa, Iowa	P. E. & L. S.
1095	Sneary, Loy E.	2025 Fremont Ave., Davenport, Iowa	P. E. & L. S.
104	Snook, Cassius A.	445 N. 18th St., Fort Dodge, Iowa	P. E. & L. S.
221	Snyder, Leroy D.	Humboldt, Iowa	P. E. & L. S.
388	Spangler, Merlin G.	1517 Grand Ave., Ames, Iowa	P. E. & L. S.
1359	Spangler, E. B.	224 Myrtle St., Creston, Iowa	P. E.
1110	Spencer, Earl Barkley	305 Williston Ave., Waterloo, Iowa	P. E. & L. S.
539	Spetman, E. E.	125 Pearl St., Council Bluffs, Iowa	P. E. & L. S.
234	Spratt, John E.	792 Washington St., Iowa City, Iowa	P. E. & L. S.
734	Stach, Carl Theodore	412 E. Bloomington St., Iowa City, Iowa	P. E.
607	Stach, Carl Theodore	215 Webster St., Waterloo, Iowa	P. E. & L. S.
389	Standeven, Walter E.	743 Peters Trust Bldg., Omaha, Neb.	P. E. & L. S.
1332	Stanhope, C. T.	345 Quincy Ave., East Bramtree, Mass.	P. E. & L. S.
966	Stanton, Wilbur D.	Cohocton, N. Y.	P. E. & L. S.
1284	Starr, Merle B.	Le Mars, Iowa	P. E.
1214	Stebbins, Walter L.	53 W. Jackson Blvd., Chicago, Ill.	P. E.
560	Stedman, Harry E.	3223 1st St., Des Moines, Iowa	P. E. & L. S.
1300	Stegons, W. R.	R. F. D. No. 7, Grand Rapids, Mich.	P. E.
366	Steigerwalt, G. F.	33 W. Grand Ave., Chicago, Ill.	P. E. & L. S.
344	Steigerwalt, Sam	Nevada, Iowa	P. E.
1163	Steigleder, C. J.	18951 Monica Ave., Detroit, Mich.	P. E. & L. S.
336	Steiner, Wm. H.	1001 Hubbell Bldg., Des Moines, Iowa	P. E. & L. S.
910	Stephenson, Edwin J.	2106 Highland Ave., Davenport, Iowa	P. E. & L. S.
689	Stephenson, Jess L.	2200 Manatee Ave., Hazel Park Sta., Detroit, Mich.	P. E. & L. S.
451	Stephenson, Laurence B.	204 Carver Bldg., Ft. Dodge, Iowa	P. E. & L. S.
850	Sterling, Jos. R.	902 H. Street, San Bernardino, Calif.	P. E. & L. S.
1065	Stern, Isaac F.	1765 1st Nat. Bank Bldg., 38 Dearborn St., Chicago, Ill.	P. E.
926	Sterrett, Harold R.	c/o New Haven Gas Light Co., 80 Crown St., New Haven, Conn.	P. E.
341	Stevens, C. H.	936 N. Pennsylvania Ave., Mason City, Iowa	P. E. & L. S.
1384	Stevens, George M.	c/o Resident Engr., Maquoketa, Iowa	P. E.
1038	Stevens, Harold L.	30 N. Michigan Blvd., Chicago, Ill.	P. E.
1037	Stevens, James C.	30 N. Michigan Ave., Chicago, Ill.	P. E.
135	Stewart, Carl A.	3927 Waveland Drive, Des Moines, Iowa	P. E. & L. S.
1401	Stewart, E. M.	Carroll, Iowa	P. E.
321	Stewart, Fred J.	c/o Chiriqui Land Co. of United Fruit Co., Panama City, Rep. of Panama	P. E. & L. S.
494	Stewart, Geo. H.	Y. M. C. A., Dubuque, Iowa	P. E. & L. S.
1356	Stewart, Lowell O.	618 Burnett Ave., Ames, Iowa	P. E. & L. S.
553	Still, John	138 1st Ave. N. W., Delwein, Iowa	P. E.
1393	Stoddard, Alexis E.	427 Ash St., Ames, Iowa	P. E.

ROSTER—(Continued)

Certificate No.	Name	Address	Branch of Engineering
847	Stoddard, E. K.	c/o Iowa Machinery & Supply Co., 317 Court Ave., Des Moines, Iowa	P. E.
696	Stoddard, Ira J.	1107 Washington St., Pella, Iowa	P. E. & L. S.
633	Stoddard, Frank P.	138 S. Central Ave., Burlington, Iowa	P. E.
1306	Stokos, Ernest	c/o Highway Comm., Ames, Iowa	P. E.
399	Stokos, Galen M.	1526 S. W. Temple, Salt Lake City, Utah	P. E. & L. S.
1019	Stout, C. H.	321-334 Sunderland Bldg., Omaha, Neb.	P. E. & L. S.
930	Straight, Halver R.	Adel, Iowa	P. E.
14	Street, Roy W.	Prairie City, Iowa	P. E. & L. S.
947	Streeter, Clark H.	Cedar Falls, Iowa	P. E. & L. S.
93	Streetman, Theo L. B.	231 Waldorf St., Pittsburgh, Pa.	P. E.
485	Stuart, E. Grant	c/o Lone Star Cement Co., 1608 Federal Reserve Bank Bldg., Kansas City, Mo.	P. E.
657	Stuart, Thomas E.	Colfax, Calif.	P. E. & L. S.
592	Swanson, Fred H.	3300 Ave "B", Council Bluffs, Iowa	P. E.
1383	Sweeney, Hubert L.	c/o Philadelphia Suburban Counties Gas & Elec. Co., Norristown, Pa.	P. E.
670	Sweeney, John E.	c/o Iowa Highway Comm., Council Bluffs, Iowa	P. E.
1363	Sykes, John	c/o Illinois Elec. Co., 113-125 N. May St., Chicago, Ill.	P. E.
277	Taggart, Isaac H.	327 C. R. Sav. Bank Bldg., Cedar Rapids, Iowa	P. E.
1470	Taylor, Grady	215 W. Clark St., Clarinda, Iowa	P. E. & L. S.
1041	Taylor, John O.	1111 Harding, Ames, Iowa	P. E.
1211	Taylor, Leslie B.	343 S. Dearborn St., Chicago, Ill.	P. E.
812	Teal, Don L.	712 Congress Bldg., Miami, Fla.	P. E. & L. S.
361	Teal, Thomas T.	Box 24, Ottumwa, Iowa	P. E. & L. S.
1428	Temple, Ernest C.	Northwood, Iowa	P. E. & L. S.
1203	Templeton, Henry F.	Ron. Engr., Iowa Highway Comm., Audubon, Iowa	P. E.
1381	Thillen, Fred R.	Monticello, Iowa	P. E.
658	Thinn, Christian A.	503 Marsh Place Bldg., Waterloo, Iowa	P. E.
395	Thomas, D. L.	150 E. Ohio St., Chicago, Ill.	P. E.
1096	Thomas, Oren Richard	406 W. Ashland Ave., Indianola, Iowa	P. E. & L. S.
1242	Thomas, Ralph Danford	1531-46th St., Des Moines, Iowa	P. E.
1295	Thompson, O. C.	1200-2nd Ave. S., Minneapolis, Minn.	P. E.
184	Thompson, Vail E.	County Engr., Waterloo, Iowa	P. E. & L. S.
405	Thomson, Harry W.	Wapello, Iowa	P. E. & L. S.
1406	Thorn, W. W.	Ihinois Div. of Highways, Dixon, Ill.	P. E.
158	Thorne, Jent G.	Spirit Lake, Iowa	P. E. & L. S.
209	Thornton, Alonzo L.	Maquoketa, Iowa	P. E. & L. S.
709	Thorpe, George E.	Pocahontas, Iowa	P. E.
492	Thorp, Thomas W.	2340-6th Ave., Des Moines, Iowa	P. E.
832	Thru, Frank M.	2340-6th Ave., Des Moines, Iowa	P. E. & L. S.
771	Tilson, Harold L.	125 Essex Lane, Davenport, Iowa	P. E. & L. S.
1449	Timmons, J. A.	2804 Brattleboro Ave., Des Moines, Iowa	P. E.
469	Tippee, John M.	201 Nonpareil Court Bldg., Council Bluffs, Iowa	P. E.
48	Tourtellot, Edw. B.	City Engr., City Hall, Des Moines, Iowa	P. E. & L. S.
1114	Towl, Roy N.	c/o Wis. Highway Comm., Madison, Wis.	P. E. & L. S.
1408	Towne, Waldo W.	524 Peters Trust Bldg., Omaha, Neb.	P. E.
788	Toye, Guy C.	State Board of Health, Waubay, S. D.	P. E.
65	Trachler, Wallace	Northwood, Iowa	P. E. & L. S.
144	Trick, Deane W.	109 E. Lincoln St., Clarinda, Iowa	P. E. & L. S.
62	Trost, Frederic W.	601 Kahl Bldg., Davenport, Iowa	P. E. & L. S.
925	Troup, James	14 Glenview Drive, Des Moines, Iowa	P. E. & L. S.
285	Truitt, Roland S.	Chariton, Iowa	P. E.
1098	Trumbull, Morrison Burdett	1726 W. 3rd St., Waterloo, Iowa	P. E.
677	Tschirgi, Mathew	c/o Mueller Lumber Co., 501 W. 2nd St., Davenport, Iowa	P. E. & L. S.
572	Tumy, Robert H.	Iowa Steel & Iron Works, Cedar Rapids, Iowa	P. E.
549	Tunnicliff, John C.	Iowa	P. E. & L. S.
10	Tunnicliff, N. H.	1514-2nd Ave., Cedar Rapids, Iowa	P. E. & L. S.
827	Turnbull, John Helmer	326 N. 4th St., Okaloosa, Iowa	P. E. & L. S.
		1225 W. 2nd St., Davenport, Iowa	P. E. & L. S.
		802 Putnam Bldg., Davenport, Iowa	P. E. & L. S.
		3528 Ridge Ave., Sioux City, Iowa	P. E. & L. S.

ROSTER—(Continued)

Certificate No.	Name	Address	Branch of Engineering
873	Turner, J. W.	2939 Cottage Grove Ave., Des Moines, Iowa	P. E. & L. S.
1097	Turpin, Upshur Farrington	c/o Consoer, Older & Quinlan, 205 W. Wacker Drive, Chicago, Ill.	P. E.
1461	Tyler, Merle C.	Logan, Iowa	P. E.
56	Urick, Ronald H.	749 32nd St., Des Moines, Iowa	P. E. & L. S.
1317	Vanderlinden, Marinus	715-5th St., Ames, Iowa	P. E.
1442	Vanderwicken, C. T.	301 City Hall, Sioux City, Iowa	P. E.
1303	Van Fleet, Geo. L.	Madison St., Galena, Ill.	P. E.
984	Van Hying, Gardner R., Jr.	1414 Kingman Blvd., Des Moines, Iowa	P. E.
475	Van Liew, John E.	621-44th St., Des Moines, Iowa	P. E. & L. S.
166	Van Sise, Andrew J.	115 S. Vt. Ave., Mason City, Iowa	P. E. & L. S.
879	Varley, Mason A.	1406 8th Ave. N., Fort Dodge, Iowa	P. E. & L. S.
862	Veatoh, Nathan T., Jr.	701 Mutual Bldg., Kansas City, Mo.	P. E. & L. S.
1336	Veranth, Jos.	1 W. Sheridan St., Ely, Minn.	P. E.
1285	Vernon, Maris H.	c/o Y. M. C. A., Aurora, Ill.	P. E. & L. S.
667	Vollmer, Harry A.	2114 Summer St., Burlington, Iowa	P. E. & L. S.
779	Vollmer, Henry G.	2130 Summer St., Burlington, Iowa	P. E. & L. S.
1337	Walker, Harry A.	1157 Byron St., Clinton, Iowa	P. E. & L. S.
1294	Whallen, Allen	City Mgr., Iowa City, Iowa	P. E. & L. S.
594	Wallis, Leonard J.	327-8th St., Ames, Iowa	P. E. & L. S.
708	Walter, L. D.	3808 Wayne Ave., Chicago, Ill.	P. E. & L. S.
1366	Ward, Elmer M.	722 Armory Ave., Charleston, Iowa	P. E.
182	Wardle, Jos. D.	1520-2nd Ave., Cedar Rapids, Iowa	P. E. & L. S.
655	Ware, Olive E.	c/o E. D. No. 1, Ft. Madison, Iowa	P. E.
19	Warriner, Thomas R.	316 The Crossways, Cedar Rapids, Iowa	P. E. & L. S.
965	Waterhouse, Charles E.	1701 S. 12th St., Burlington, Iowa	P. E. & L. S.
1237	Waterman, Earle Lytton	104 Engineering Bldg., Iowa City, Iowa	P. E. & L. S.
71	Watkins, Jos. C.	113½ Iowa Ave., Iowa City, Iowa	P. E. & L. S.
1392	Watts, Cleat T.	112½ N. 4th St., DeKalb, Ill.	P. E.
1333	Wearmouth, W. J.	Denison, Iowa	P. E. & L. S.
834	Webster, Edwin R.	c/o Edward Wendel, 890 S. 20th St., Newark, N. J.	P. E. & L. S.
818	Weir, Samuel R.	Bedford, Iowa	P. E. & L. S.
912	Weldon, Ernest	Iowa Falls, Iowa	P. E. & L. S.
99	Weller, Curtis D.	10816 Winner Road, Independence, Mo.	P. E. & L. S.
829	Wendt, Wm. C. R.	170 N. 13th St., Hialeah, Fla.	P. E. & L. S.
501	Wesley, Chas. S.	1616 W. 5th St., Sioux City, Iowa	P. E. & L. S.
649	Westerlind, Knut E.	3116 McDonald Ave., Sioux City, Iowa	P. E.
723	Whalen, James F.	305 S. Boone St., Anamosa, Iowa	P. E. & L. S.
243	White, Clavin J.	304 Washington St., Marshalltown, Iowa	P. E. & L. S.
179	White, Fred R.	426 Hodge Ave., Ames, Iowa	P. E. & L. S.
76	White, Warren G.	P. O. Box J., Montgomery, Ala.	P. E. & L. S.
380	Whitney, Frank S.	952 Prospect Ave., Ashland, Ky.	P. E. & L. S.
1165	Whittemore, Osgood J.	Sheffield, Iowa	P. E.
283	Wick, Wallace S.	1st St. and A Ave., Oskaloosa, Iowa	P. E. & L. S.
156	Wicks, Gordon F.	1441 Buff St., Des Moines, Iowa	P. E. & L. S.
36	Wickham, John Q.	East Galois, Fla.	P. E. & L. S.
89	Wicks, Granville B.	1538 W. 47th St., Des Moines, Iowa	P. E. & L. S.
1286	Wiersma, John W.	Orange City, Iowa	P. E. & L. S.
1344	Wiesters, A. H.	State Dept. of Health, Des Moines, Iowa	P. E.
1375	Wilch, Gabriel B.	Box 161, Waukon, Iowa	P. E.
1206	Wilcox, George	1111 Lincolnway, Ames, Iowa	P. E. & L. S.
632	Wilder, Geo. Ireland	4649 Beard Ave., S., Minneapolis, Minn.	P. E. & L. S.
1460	Wilkes, Edmund, Jr.	300 Mutual Bldg., Kansas City, Mo.	P. E.
682	Williams, Cyrus Tyler	2107 Glass Ave., Sioux City, Iowa	P. E.
1343	Williams, Clement Clarence	723 Bayard, Iowa City, Iowa	P. E.
101	Williams, Howard S.	206 W. 8th St., Atlantic, Iowa	P. E. & L. S.
244	Williams, Leon G.	c/o Pearce, Greeley & Hanson, 6 N. Michigan Ave., Rm. 1709, Chicago, Ill.	P. E. & L. S.
483	Wilson, Ben H.	216 Sherman St., Joliet, Ill.	P. E. & L. S.
687	Wilson, Charles T.	324 Johnson St., Waterloo, Iowa	P. E. & L. S.
943	Wilson, Louis A.	406 Moloney Bldg., Ottawa, Ill.	P. E. & L. S.
1482	Wilson, Wayne	213 E. Franklin, Pella, Iowa	P. E.
685	Wilson, Wm. E.	c/o American Tile Engr. Co., 19 W. State St., Mason City, Iowa	P. E.

ROSTER—(Continued)

Certificate No.	Name	Address	Branch of Engineering
871	Wilson, Wm. Leroy	114 W. 11th St., Des Moines, Iowa	P. E. & L. S.
242	Winfrey, Paul	1721 E. 13th St., Des Moines, Iowa	P. E. & L. S.
1425	Winkel, Edward	337 Insurance Exchange Bldg., Sioux City, Iowa	P. E.
1398	Winter, Leon A.	Iowa	P. E.
625	Winters, John F.	823 N. 6th St., Burlington, Iowa	P. E. & L. S.
230	Withington, A. H.	Centerville, Iowa	P. E. & L. S.
1166	Witters, Geo. Sackett	Ida Grove, Iowa	P. E. & L. S.
1264	Wolff, Louis P.	903 Globe Bldg., St. Paul, Minn.	P. E.
35	Wood, Chas. R. Jr.	612 N. 3rd St., Clear Lake, Iowa	P. E. & L. S.
557	Wood, Garrett Wilbur	Sedan, Iowa	P. E. & L. S.
1167	Wood, Harry O.	Route No. 4, Sac City, Iowa	P. E. & L. S.
1481	Wood, K. M.	112 Williams St., Sac City, Iowa	P. E.
1370	Wood, L. W.	Redfield, Iowa	P. E. & L. S.
1271	Woodburn, Chester C.	State Highway Comm., Ames, Iowa	P. E.
449		805 Valley Nat. Bank Bldg., Des Moines, Iowa	P. E.
346	Woodward, Sherman M.	Iowa City, Iowa	P. E.
805	Woolley, Birney Cooleage	LeMars, Iowa	P. E. & L. S.
585	Woolston, Frank	116 N. Jefferson Ave., Denison, Iowa	P. E. & L. S.
1376	Wressell, Edmund F.	2100 Grand Ave., Cedar Rapids, Iowa	P. E.
1003	Wygant, E. L.	Crete, Neb.	P. E. & L. S.
129	Yager, Walter D.	Calmar, Iowa	P. E. & L. S.
1195	Yarnell, David Leroy	207 Engineering Hall, Iowa City, Iowa	P. E. & L. S.
485	Yaeger, W. D.	1520 2nd Ave., Cedar Rapids, Iowa	P. E. & L. S.
131	Yetter, Floyd S.	Anamosa, Iowa	P. E. & L. S.
13	Young, Charles H.	211 Iowa Ave., Muscatine, Iowa	P. E. & L. S.
95	Young, Frank E.	City Hall, Cedar Rapids, Iowa	P. E. & L. S.
1164	Young, Roy M.	Iowa State Highway Comm., Ames, Iowa	P. E. & L. S.
977	Younglove, Clyde C.	517 Warnock Bldg., Sioux City, Iowa	P. E.
183	Zacherle, Josef	3521 Iola Ave., Des Moines, Iowa	P. E. & L. S.
343	Zack, Edgar G.	Sheffield, Ill.	P. E. & L. S.
646	Zack, Erick A.	Dist. Engr.'s Office, Charleston, Iowa	P. E. & L. S.
532	Zack, Otmer W.	Eldora, Iowa	P. E. & L. S.
73	Zack, Raymond R.	211 6th St. N. W., Mason City, Iowa	P. E. & L. S.
1409	Zeiner, Moritz B.	Frederick Apts., Des Moines, Iowa	P. E.
1476	Zieke, George F.	Keosauqua, Iowa	P. E.
503	Zika, George A.	520 Chester Ave., Ottumwa, Iowa	P. E.
1258	Zippodt, Roy R.	Regional Structural Engr., Portland Cement Assn., 247 Madison Ave., New York City, N. Y.	P. E.
1321	Zimmerling, Raymond Oscar	Tipton, Iowa	P. E. & L. S.
1207	Zorn, Charles Burton	Iowa State Highway Comm., Res. Engr., Ocheydan, Iowa	P. E.
663	Zuck, John	Route No. 2, Clarence, Iowa	P. E. & L. S.

DECEASED

No. 676	Ashton, Thomas J.
No. 803	Ballard, Samuel R.
No. 177	Beattie, Wm. S.
No. 1046	Bensel, John W.
No. 959	Bishop, Harry J.
No. 660	Blagburn, E. Tracy
No. 69	Boyack, Charles E.
No. 848	Bramhall, John A.
No. 921	Brown, Ernest
No. 1066	Brunner, Harvey H.
No. 61	Burns, Clinton S.
No. 142	Christensen, Wm. N.
No. 1015	Colglazier, H. H.
No. 858	Cook, Ernest E.
No. 566	Countant, George W.
No. 111	Crary, Elisha A.
No. 1150	Day, Owen L.
No. 1	Dean, Seth
No. 1265	DeLong, Guy W.
No. 1261	Douglass, Winfred H.
No. 180	Dows, Wm. G.
No. 18	Dunlap, John H.
No. 457	Geneva, Julian S.
No. 370	Gilliland, Archibald H.
No. 1115	Holbrook, Wm. L.
No. 684	Howd, Otto O.
No. 542	Huffman, Oscar L.
No. 691	Ilg, Paul
No. 145	Jeffries, Alfred M.
No. 84	Kemman, Alveno F.
No. 919	Lambert, George F.
No. 814	Lary, Robert Cooper
No. 345	Layman, Dale E.
No. 756	Leckliter, Walter H.
No. 529	Lewis, Joe M.
No. 1422	Longergan, Maurice J.
No. 456	McCoy, Edward
No. 1117	McGrane, John L.
No. 972	Metcalf, Leonard
No. 406	Mosher, Clark L.
No. 839	Parquette, J. C.
No. 855	Parsons, Samuel N.
No. 119	Perkins, Edmund T.
No. 1123	Prince, Geo. Thomas
No. 16	Raymond, Wm. G.
No. 186	Reynolds, Chas. H.
No. 675	Rigby, Walter E.
No. 678	Selden, James H.
No. 610	Spelman, James H. R.
No. 642	Stimson, Edgar F.
No. 996	Tait, William S.
No. 1256	Trease, Harold Wm.
No. 1132	Sinclair, Edwin Louis
No. 990	Ullery, Oscar E.
No. 432	Wilson, Fred P.
No. 1257	Wood, Robert G.
No. 593	Young, Frederick C.
No. 488	Walker, Boyd F.

IOWA LAW RELATING TO ENGINEERING

CHAPTER 89, 1927 CODE OF IOWA AND AMENDMENTS OF
43RD G. A.

1854. **Registered engineers and surveyors.** No person shall practice professional engineering or land surveying in the state unless he be a registered professional engineer or a registered land surveyor as provided in this chapter, except as permitted by the last section thereof.

1855. **Terms defined.** The "board" means the Iowa State board of engineering examiners provided by this chapter.

"Professional engineering" means the practice of any branch of the profession of engineering other than military engineering. The practice of said profession embraces the designing and the supervision of the construction of public and private utilities, such as airports, railroads, bridges, canals, harbors, river improvements, lighthouses, wet docks, dry docks, ships, barges, dredges, cranes, floating docks, and other floating property, the design and the supervision of the construction of steam engines, turbines, internal combustion engines and other mechanical structures, electrical machinery and apparatus, and of works for the development, transmission or application of power, and the designing and the supervision of the construction of municipal works, irrigation works, water supply works, sewerage works, drainage works, industrial works, sanitary works, hydraulic works, structural works, and other public and private utilities or works which require for their designing or the supervision of their construction such experience and technical knowledge as are required by this chapter.

The execution as a contractor of work designed by a professional engineer or the supervision of the construction of such work as a foreman or superintendent for such a contractor or the construction, improving, or extending of private drains or drainage works, private irrigation works, private water supply works, or other works of a private nature shall not be deemed to be the practice of professional engineering within the meaning of this chapter.

A "professional engineer" means any person who practices professional engineering.

"Land surveying" is surveying having to do with the boundaries or areas of tracts of land. The surveying of lands for the purpose of subdividing or determining boundary lines where no contest is involved shall not be deemed to be the practice of land surveying within the meaning of this chapter.

A "land surveyor" is any person who makes land surveys.

1856. **Board of engineering examiners—qualifications.** There is hereby created a state board of engineering examiners consisting of five members who shall be appointed by the governor. Each member of the board shall be a professional engineer at

least thirty-five years of age, and shall have been a resident of this state for at least three years immediately preceding his appointment and shall have had at least ten years' active practice preceding his appointment and during such time shall have had charge of engineering work as principal or assistant for at least two years, and shall be a member in good standing of a recognized state or national engineering society. No two members of said board shall be from the same branch of the profession of engineering.

1857. Appointment and tenure. Appointments to said board shall be made as follows:

1. Two members on July 1, 1925, and each four years thereafter.

2. Three members on July 1, 1927, and each four years thereafter.

1858. Vacancies—how filled. Vacancies in the membership of the board caused by death, resignation, or removal from office, shall be filled by an appointment from the governor for the unexpired portion of the term.

1859. Official seal—by-laws. The board shall adopt and have an official seal which shall be affixed to all certificates of registration granted and may make all by-laws and rules, not inconsistent with law, necessary for the proper performance of its duty.

1860. Attorney general to assist—general powers. Such board, or any committee thereof, shall be entitled to the counsel and to the services of the attorney general, and shall have power to compel the attendance of witnesses, and may take testimony and proofs and may administer oaths concerning any matter within its jurisdiction.

1861. Compensation and expenses. Each member of the board shall receive as compensation the sum of ten dollars per day for the time actually spent in traveling to and from, and in attending sessions of the board and its committees, and shall receive all necessary traveling and incidental expenses incurred in the discharge of his duties, but in no event shall the state be chargeable with any expense incurred under the provisions of this chapter.

1862. Organization of the board—meetings—quorum. The board shall elect annually from its members a chairman and a vice chairman. The secretary of the executive council, or one of his assistants, to be designated by him, shall act as secretary of said board. The board shall hold at least one stated meeting on the first Tuesday of December of each year, and special meetings shall be called at other times by the secretary at the request of the chairman or of three members of the board. At any meeting of the board, three members shall constitute a quorum. The board shall have power to employ such additional clerical assist-

ants and incur such office expense as may be necessary to properly carry out the provisions of this chapter.

1863. Annual report. At the time provided by law, the board shall submit to the governor a written report of its transactions for the preceding year, and shall file with the secretary of state a copy thereof, together with a complete statement of the receipts and expenditures of the board, attested by the affidavits of the chairman and the secretary, and a complete list of those registered under this chapter with their addresses and the dates of their certificates of registration. Said report shall be printed by the state and a copy mailed to, and placed on file in the office of the clerk of each incorporated city or town in the state and in the office of the auditor of each county therein.

1864. Secretary—duties of. The secretary shall keep on file a record of all certificates of registration granted and shall make annually such revisions of said record as may be necessary. In revising said record the secretary shall communicate annually by mail with every professional engineer and surveyor registered hereunder. In every case in which a reply is not received within thirty days after the date of the first letter, the secretary shall send a second letter by registered mail and the failure on the part of any engineer or surveyor to reply within sixty days from the date of said second letter shall operate to revoke his certificate of registration, but he may be reinstated at any time upon due application therefor and upon the payment of a registration fee of ten dollars as hereinafter provided.

1865. Engineering examiners' fund. The secretary shall collect and account for all fees provided for by this chapter and pay the same to the state treasurer who shall keep such moneys in a separate fund to be known as the fund of the board of engineering examiners, which shall be continued from year to year and shall be drawn on only for the expenses and compensation of said board of examiners as provided in this chapter.

1866. Examination fees. The board shall admit to examination any candidate who pays a fee of fifteen dollars and who under oath submits evidence prescribed by the board that he is more than twenty-five years of age, is of good character, and has been engaged in the practice of professional engineering or land surveying for at least six years and during that period has had charge as assistant, for at least one year. Each year of work satisfactorily completed at an engineering school of recognized standing shall count as one year of practice in fulfilling the six-year requirement of this section.

1867. Examinations—report required. Examination for registration shall be given at stated or called meetings of the board. The scope of the examinations and the methods of procedure shall be prescribed by the board. As soon as practicable, after

the close of each examination, a report shall be filed in the office of the secretary of the board by the members conducting such examinations. Said report shall show the action of the board upon each application, whereupon the secretary of the board shall notify each applicant of the result of his examination.

1868. Seal—Certificate evidence of registration. Each registrant shall provide himself with a suitable seal with a uniform inscription thereon formulated by the board, with which he shall stamp all plans, specifications, surveys, and reports made or issued by him. A certificate of registration provided for in this chapter shall be presumptive evidence that the person named therein is legally registered.

1869. Certificate. To any applicant who shall have passed the examination as a professional engineer and who shall have paid an additional fee of ten dollars, the board shall issue a certificate of registration as a professional engineer signed by the chairman and secretary of the board under the seal of such board, which certificate shall authorize the applicant to practice professional engineering as defined in this chapter. Such certificate shall not carry with it the right to practice land surveying, unless specifically so stated in said certificate, which permission shall be granted by the board without additional fee in cases where the applicant duly qualifies as a land surveyor as prescribed by the rules of said board.

1869-b1. Expirations and renewals. Every certificate to practice professional engineering or land surveying issued under the provisions of this chapter, shall expire on the thirty-first day of December following the date of the issuance thereof, and shall be renewed only upon application by the holder thereof, without examination, upon the payment of a renewal fee of two dollars. Application for renewal shall be made in writing to the secretary accompanied by the fee before the first day of December of each year. Every renewal certificate shall be displayed in connection with the original certificate. The secretary shall notify by mail each holder of a certificate of the expiration thereof.

Any holder of a certificate who allows his certificate to lapse by failing to renew it as provided herein, may be reinstated without examination upon the recommendation of the examining board and upon the payment of the registration fee of ten dollars as provided in section 1864, and the renewal fees then due.

1870. Land surveyors' certificate. To any applicant who shall have passed the examination as a land surveyor and who shall have paid an additional fee of ten dollars, the board shall issue a certificate of registration signed by its chairman and secretary under the seal of the board, which certificate shall authorize the applicant to practice land surveying as defined in this chapter and to administer oaths to his assistants and to witnesses pro-

duced for examination, with reference to facts connected with land surveys being made by such land surveyor.

1871. Foreign registrants. The board shall from time to time examine the requirements for registration of professional engineers and land surveyors in other states, territories, and countries, and shall record those in which in the judgment of the board standards not lower than those provided by this chapter are maintained. The secretary of the board upon presentation to him of satisfactory evidence, by any person, that he holds a certificate of registration issued to him by proper authority in any state, territory, or country so recorded, and upon the receipt of a fee of ten dollars, shall issue to such person a certificate of registration to practice professional engineering or land surveying as provided by this chapter, signed by the chairman and the secretary under the seal of the board, whereupon the person to whom such certificate is issued shall be entitled to all the rights and privileges conferred by the certificate issued after examination by the board.

1872. Revocation of certificate. The board shall have the power by a four-fifths vote of the entire board to revoke the certificate of any professional engineer or land surveyor registered hereunder, found guilty of any fraud or deceit in his practice, or guilty of any fraud or deceit in obtaining his certificate, or in case he is found by the same vote to be incompetent.

1873. Procedure. Proceeding for the revocation of a certificate of registration shall be begun by filing with the secretary of the board written charges against the accused. The board shall designate a time and place for a hearing, and shall notify the accused of this action and furnish him a copy of all charges at least thirty days prior to the date of the hearing. The accused shall have the right to appear personally or by counsel, to cross-examine witnesses or to produce witnesses in his defense.

1874. Expenditures. Warrants for the payment of expenses and compensations provided by this chapter shall be issued by the auditor of state and paid by the state treasurer upon presentation of vouchers regularly drawn by the chairman and secretary of the board and passed by the state board of audit, but at no time shall the total amount of warrants exceed the total amount of the examination and registration fees collected as herein provided.

1875. Violations. Any person who is not legally authorized to practice in this state according to the provisions of this chapter, and shall practice, or shall in connection with his name use any designation tending to imply or designate him as a registered practitioner within the meaning of this chapter, and any person presenting or attempting to file as his own the certificate or registration of another, or who shall give false or forged evi-

dence of any kind to the board, or to any member thereof, in obtaining a certificate of registration, or who shall falsely impersonate another practitioner of like or different name, or who shall use or attempt to use a revoked certificate of registration shall be deemed guilty of a misdemeanor and shall for each offense of which he is convicted be punished by a fine of not less than one hundred dollars, nor more than five hundred dollars, or by imprisonment for three months, or by both such fine and imprisonment.

1876. Applicability of chapter. This chapter shall not apply to any full-time employee of any corporation while doing work for that corporation, except in the case of corporations offering their services to the public as professional engineers or land surveyors.

Corporations engaged in designing and building works for public or private interests not their own shall be deemed to practice professional engineering within the meaning of this chapter. With respect to such corporations all principal designing or constructing engineers shall hold certificates of registration hereunder. This chapter shall not apply to corporations engaged solely in building said work. This chapter shall not apply to any professional engineer or land surveyor working for the United States government, nor to any professional engineer or land surveyor employed as an assistant to a professional engineer or land surveyor registered under this chapter, nor to purely operative services in connection with mechanical plants or systems, nor to any professional engineer or land surveyor from without this state until a reasonable length of time as prescribed by the rules of the board shall have elapsed to permit the registration of such a person under this chapter, provided that, before practicing within this state, he shall have applied for the issuance to him of a certificate of registration and shall have paid the fee prescribed in this chapter.

The following section of Chapter 138 "Airports" applies to the practice of Engineering.

Sec. 6. Before an airport is acquired by any such city or town the plans and specifications therefor shall be submitted to the board of railroad commissioners who shall require that they show:

The legal description and plat of the site; distance from the nearest postoffice and railroad station; location and type of highways; location and type of obstructions on and near the site; kind of soil and subsoil; costs and details of grading and draining; location of proposed runways, hangars, buildings and other structures.

And they shall furthermore require that the plans and specifications be in substantial accord with the regulations of the U. S.

department of commerce or other department of the federal government having general supervision of air navigation as it relates to plans and specifications for airports. And if so found they shall approve such plans and specifications.

State Board of Engineering
Examiners

