

Reprinted 4/87

FILED APR 24 1987

SENATE FILE 509  
BY COMMITTEE ON APPROPRIATIONS  
SSB 247

Passed Senate, Date 4/30/87 (p.1606) Passed House, Date 5/19/87 (p.2244)  
Vote: Ayes 42 Nays 3 Vote: Ayes 95 Nays 2  
Approved \_\_\_\_\_

**A BILL FOR**

1 An Act making an appropriation for the support of the engineering  
2 and land surveying examining board and revising certain  
3 statutory provisions relating to engineering and land  
4 surveying services.

5 BE IT ENACTED BY THE GENERAL ASSEMBLY OF THE STATE OF IOWA:

**SENATE FILE 509**

S-3915

- 1 Amend Senate File 509 as follows:
- 2 1. Page 2, by striking lines 24 through 34.

S-3915

Filed April 30, 1987  
ADOPTED (p. 1606)

BY JACK NYSTROM  
ROBERT M. CARR

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1 Section 1. APPROPRIATION. There is appropriated from the  
2 general fund of the state to the department of commerce for  
3 the professional licensing and regulation division of the  
4 department for the fiscal year beginning July 1, 1987 and  
5 ending June 30, 1988, the sum of one hundred fifty thousand  
6 (150,000) dollars, or so much thereof as is necessary, to be  
7 used for salaries and support, maintenance, and other  
8 operational purposes for the engineering and land surveying  
9 examining board.

10 The engineering and land surveying examining board and the  
11 money appropriated by this section for the support of that  
12 board are subject to conditions and restrictions for the  
13 fiscal year beginning July 1, 1987 and ending June 30, 1988  
14 which are the same as the conditions and restrictions  
15 applicable to the architectural examining board and the  
16 landscape architectural examining board and the money  
17 appropriated to the professional licensing and regulation  
18 division for the support of those boards for the fiscal year  
19 beginning July 1, 1987 and June 30, 1988.

20 Sec. 2. Section 114.14, subsection 1, paragraph a, Code  
21 1987, is amended to read as follows:

22 a. (1) Graduation from a course in engineering of four  
23 years or more in a school or college which, in the opinion of  
24 the board, will properly prepare the applicant for the  
25 examination in fundamental engineering subjects. ~~In-lieu-of~~  
26 ~~graduation-from-a-school-or-college,~~

27 (2) However, prior to July 1, 1988, in lieu of compliance  
28 with subparagraph (1), the board may accept eight years'  
29 practical experience which, in the opinion of the board, is of  
30 satisfactory character to properly prepare the applicant for  
31 the examination in fundamental engineering subjects.

32 (3) Between July 1, 1988 and June 30, 1991, in lieu of  
33 compliance with subparagraph (1), the board shall require  
34 satisfactory completion of a minimum of two years of  
35 postsecondary study in mathematics, physical sciences,

1 engineering technology, or engineering at an institution  
2 approved by the board, and may accept six years' practical  
3 experience which, in the opinion of the board, is of  
4 satisfactory character to properly prepare the applicant for  
5 the examination in fundamental engineering subjects.

6 Sec. 3. Section 114.14, subsection 2, paragraph a, Code  
7 1987, is amended to read as follows:

8 a. (1) Graduation from a course in-engineering of four  
9 two years or more in mathematics, physical sciences, mapping  
10 and surveying, or engineering in a school or college and six  
11 years of practical experience, all of which, in the opinion of  
12 the board, will properly prepare the applicant for the  
13 examination in fundamental land surveying subjects. ~~In lieu~~  
14 ~~of-graduation-from-a-school-or-college;~~

15 (2) However, prior to July 1, 1988, in lieu of compliance  
16 with subparagraph (1), the board may accept eight years'  
17 practical experience which, in the opinion of the board, is of  
18 satisfactory character to properly prepare the applicant for  
19 the examination in fundamental land surveying subjects.

20 Sec. 4. Section 258A.1, subsection 1, paragraph a, Code  
21 1987, is amended to read as follows:

22 a. The state board of engineering and land surveying  
23 examiners, created pursuant to chapter 114.

24 Sec. 5. Section 309.17, Code 1987, is amended to read as  
25 follows:

26 309.17 ENGINEER -- TERM.

27 The board of supervisors shall ~~shall~~ may employ one or more  
28 registered civil engineers who shall be known as county  
29 engineers. The board shall fix their term of employment which  
30 shall not exceed three years, but the tenure of office may be  
31 terminated at any time by the board.

32 If the board of supervisors determines that it shall not  
33 employ a county engineer, the board shall contract for  
34 engineering services with a registered civil engineer.

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EXPLANATION

1 This bill makes an appropriation of \$150,000 to the  
2 professional licensing and regulation division of the  
3 department of commerce for the fiscal year beginning July 1,  
4 1987 and ending June 30, 1988 to be used for the engineering  
5 and land surveying examining board. The board and the appro-  
6 priation are subject to the same conditions and restrictions  
7 as apply in the case of the architectural examining board and  
8 the landscape architectural examining board in the profes-  
9 sional licensing and regulation division.

10 The bill also requires that beginning July 1, 1991, an  
11 applicant for registration as a professional engineer must  
12 have graduated from a four-year course in engineering.  
13 Between July 1, 1988 and June 30, 1991, the examining board  
14 may accept a minimum of two years of study and six years of  
15 practical experience. At present (and until July 1, 1988  
16 under the bill) the board may accept eight years of practical  
17 experience in lieu of the educational requirement.

18 The bill also increases requirements for registration as a  
19 land surveyor. Beginning July 1, 1988 the applicant must have  
20 graduated from a course of two years or more in mathematics,  
21 physical sciences, mapping and surveying, or engineering and  
22 have six years of practical experience. At present (and until  
23 July 1, 1988 under the bill) the requirement is graduation  
24 from a four-year course in engineering or eight years of  
25 practical experience.

26 In addition, the bill allows a county board of supervisors  
27 to contract for engineering services in lieu of employing a  
28 county engineer.

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*See Appropriations 4/30/87  
Amend (4337) Do Pass 5/7 (p. 2160)*

SENATE FILE 509  
BY COMMITTEE ON APPROPRIATIONS

(AS AMENDED AND PASSED BY THE SENATE APRIL 30, 1987)

\* - Language Stricken by the Senate

Passed Senate, Date 5/9/87 (1860) Passed House, Date 5/9/87 (p. 2244)  
Vote: Ayes 39 Nays 3 Vote: Ayes 95 Nays 2  
Approved May 29, 1987

A BILL FOR

43371 An Act making an appropriation for the support of the engineering  
2 and land surveying examining board and revising certain  
3 statutory provisions relating to engineering and land  
4 surveying services.

5 BE IT ENACTED BY THE GENERAL ASSEMBLY OF THE STATE OF IOWA:  
SENATE FILE 509

H-4337

1 Amend Senate File 509, as amended, passed, and re-  
2 printed by the Senate, as follows:  
3 1. Page 1, by striking lines 1 through 19.  
4 2. Title page, by striking lines 1 and 2 and  
5 inserting the following: "An Act revising certain".  
6 3. By renumbering as necessary.

H-4337 FILED MAY 7, 1987 BY COMMITTEE ON APPROPRIATIONS  
*Adopted 5/9/87 (p. 2244)*

HOUSE AMENDMENT TO  
SENATE FILE 509

S-4094

1 Amend Senate File 509, as amended, passed, and re-  
2 printed by the Senate, as follows:  
3 1. Page 1, by striking lines 1 through 19.  
4 2. Title page, by striking lines 1 and 2 and  
5 inserting the following: "An Act revising certain".  
6 3. By renumbering as necessary.

S-4094  
Filed May 9, 1987 RECEIVED FROM THE HOUSE  
*Senate concurred 5/9/87 (p. 1857)*

4337 1 Section 1. APPROPRIATION. There is appropriated from the  
2 general fund of the state to the department of commerce for  
3 the professional licensing and regulation division of the  
4 department for the fiscal year beginning July 1, 1987 and  
5 ending June 30, 1988, the sum of one hundred fifty thousand  
6 (150,000) dollars, or so much thereof as is necessary, to be  
7 used for salaries and support, maintenance, and other  
8 operational purposes for the engineering and land surveying  
9 examining board.

10 The engineering and land surveying examining board and the  
11 money appropriated by this section for the support of that  
12 board are subject to conditions and restrictions for the  
13 fiscal year beginning July 1, 1987 and ending June 30, 1988  
14 which are the same as the conditions and restrictions  
15 applicable to the architectural examining board and the  
16 landscape architectural examining board and the money  
17 appropriated to the professional licensing and regulation  
18 division for the support of those boards for the fiscal year  
19 beginning July 1, 1987 and June 30, 1988.

20 Sec. 2. Section 114.14, subsection 1, paragraph a, Code  
21 1987, is amended to read as follows:

22 a. (1) Graduation from a course in engineering of four  
23 years or more in a school or college which, in the opinion of  
24 the board, will properly prepare the applicant for the  
25 examination in fundamental engineering subjects. ~~In-lieu-of~~  
26 ~~graduation-from-a-school-or-college,~~

27 (2) However, prior to July 1, 1988, in lieu of compliance  
28 with subparagraph (1), the board may accept eight years'  
29 practical experience which, in the opinion of the board, is of  
30 satisfactory character to properly prepare the applicant for  
31 the examination in fundamental engineering subjects.

32 (3) Between July 1, 1988 and June 30, 1991, in lieu of  
33 compliance with subparagraph (1), the board shall require  
34 satisfactory completion of a minimum of two years of  
35 postsecondary study in mathematics, physical sciences,

1 engineering technology, or engineering at an institution  
2 approved by the board, and may accept six years' practical  
3 experience which, in the opinion of the board, is of  
4 satisfactory character to properly prepare the applicant for  
5 the examination in fundamental engineering subjects.

6 Sec. 3. Section 114.14, subsection 2, paragraph a, Code  
7 1987, is amended to read as follows:

8 a. (1) Graduation from a course in-engineering of four  
9 two years or more in mathematics, physical sciences, mapping  
10 and surveying, or engineering in a school or college and six  
11 years of practical experience, all of which, in the opinion of  
12 the board, will properly prepare the applicant for the  
13 examination in fundamental land surveying subjects. ~~In-lieu~~  
14 ~~of-graduation-from-a-school-or-college~~

15 (2) However, prior to July 1, 1988, in lieu of compliance  
16 with subparagraph (1), the board may accept eight years'  
17 practical experience which, in the opinion of the board, is of  
18 satisfactory character to properly prepare the applicant for  
19 the examination in fundamental land surveying subjects.

20 Sec. 4. Section 258A.1, subsection 1, paragraph a, Code  
21 1987, is amended to read as follows:

22 a. The state board of engineering and land surveying  
23 examiners, created pursuant to chapter 114.

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SS B# 247  
Appropriations

SENATE FILE 509  
BY (PROPOSED COMMITTEE ON  
APPROPRIATIONS BILL)

Passed Senate, Date \_\_\_\_\_ Passed House, Date \_\_\_\_\_  
Vote: Ayes \_\_\_\_\_ Nays \_\_\_\_\_ Vote: Ayes \_\_\_\_\_ Nays \_\_\_\_\_  
Approved \_\_\_\_\_

A BILL FOR

1 An Act making an appropriation for the support of the engineering  
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1 engineering, technology, or engineering at an institution  
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 13 examination in fundamental land surveying subjects. ~~In-lieu~~  
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 30 shall not exceed three years, but the tenure of office may be  
 31 terminated at any time by the board.

32 If the board of supervisors determines that it shall not  
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EXPLANATION

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3 department of commerce for the fiscal year beginning July 1,  
4 1987 and ending June 30, 1988 to be used for the engineering  
5 and land surveying examining board. The board and the appro-  
6 priation are subject to the same conditions and restrictions  
7 as apply in the case of the architectural examining board and  
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9 sional licensing and regulation division.

10 The bill also requires that beginning July 1, 1991, an  
11 applicant for registration as a professional engineer must  
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13 Between July 1, 1988 and June 30, 1991, the examining board  
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21 physical sciences, mapping and surveying, or engineering and  
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23 July 1, 1988 under the bill) the requirement is graduation  
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26 In addition, the bill allows a county board of supervisors  
27 to contract for engineering services in lieu of employing a  
28 county engineer.

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SENATE FILE 509

AN ACT

REVISING CERTAIN STATUTORY PROVISIONS RELATING TO ENGINEERING AND LAND SURVEYING SERVICES.

BE IT ENACTED BY THE GENERAL ASSEMBLY OF THE STATE OF IOWA:

Section 1. Section 114.14, subsection 1, paragraph a, Code 1987, is amended to read as follows:

a. (1) Graduation from a course in engineering of four years or more in a school or college which, in the opinion of the board, will properly prepare the applicant for the examination in fundamental engineering subjects. ~~In-lieu-of graduation-from-a-school-or-college;~~

(2) However, prior to July 1, 1988, in lieu of compliance with subparagraph (1), the board may accept eight years' practical experience which, in the opinion of the board, is of satisfactory character to properly prepare the applicant for the examination in fundamental engineering subjects.

(3) Between July 1, 1988 and June 30, 1991, in lieu of compliance with subparagraph (1), the board shall require satisfactory completion of a minimum of two years of postsecondary study in mathematics, physical sciences, engineering technology, or engineering at an institution approved by the board, and may accept six years' practical experience which, in the opinion of the board, is of satisfactory character to properly prepare the applicant for the examination in fundamental engineering subjects.

Sec. 2. Section 114.14, subsection 2, paragraph a, Code 1987, is amended to read as follows:

a. (1) Graduation from a course in-engineering of four two years or more in mathematics, physical sciences, mapping and surveying, or engineering in a school or college and six years of practical experience, all of which, in the opinion of

the board, will properly prepare the applicant for the examination in fundamental land surveying subjects. ~~In-lieu of-graduation-from-a-school-or-college;~~

(2) However, prior to July 1, 1988, in lieu of compliance with subparagraph (1), the board may accept eight years' practical experience which, in the opinion of the board, is of satisfactory character to properly prepare the applicant for the examination in fundamental land surveying subjects.

Sec. 3. Section 258A.1, subsection 1, paragraph a, Code 1987, is amended to read as follows:

a. The state board of engineering and land surveying examiners, created pursuant to chapter 114.

\_\_\_\_\_  
JO ANN ZIMMERMAN  
President of the Senate

\_\_\_\_\_  
DONALD D. AVENSON  
Speaker of the House

I hereby certify that this bill originated in the Senate and is known as Senate File 509, Seventy-second General Assembly.

Approved May 29 . 1987

\_\_\_\_\_  
JOHN F. DHYER  
Secretary of the Senate

\_\_\_\_\_  
TERRY E. BRANSTAD  
Governor

SF 509