

XXIII. COUNTY ROAD ENGINEER Adams County, WA

Introduction. The official responsible for the engineering required in building roads and bridges and in making surveys served under the title "county surveyor" from 1855 to 1907;¹ from 1907 to 1937 he was called "county engineer;"² and at the present time his title is "county road engineer."³

Manner of Selection. Until 1925 the surveyor (later county engineer) was

25. L. 1854, pp. 350-357; L. 1869-75, III, pp. 727-729; L. 1889-90, pp. 618-622; L. 1901, p. 276.
26. L. 1889-90, p. 620; L. 1901, p. 276; L. 1925, Ex. Sess., p. 558.
27. L. 1893, p. 283.
28. L. 1919, p. 165.
29. L. 1925, Ex. Sess., pp. 227, 275.
30. L. 1913, p. 475. Cf. L. 1889-90, p. 41. See entry 293.
1. L. 1854-61, I, p. 568.
2. L. 1907, p. 351.
3. L. 1937, pp. 734, 735.

(Next entry 376, p. 227)

an elective official.⁴ In that year, however, the office was completely abolished in all counties except those of Classes A and I, and the commissioners could employ an engineer when necessary.⁵ Adams County, being in Class VI at the time, came under this regulation. In 1887 the office of engineer was restored under the title "county road engineer;" he is now appointed by the county commissioners.⁶

Until 1907 the only qualification made for holding the office of surveyor was that he reside in the county;⁷ in 1907 he was required to be an elector and a competent civil engineer and surveyor.⁸ He has always had to take an oath of office and to give a bond to the county. The amount of the bond was set at \$1000 in 1881, raised to \$2000 in 1895, \$2500 in 1907, and is now set by the county commissioners.⁹ In Adams County the amount of the bond is \$5000 at the present time.¹⁰

During the years when the engineer was an elective official, any vacancy in the office was filled by appointment by the county commissioners.¹¹

Term of Office. From the time of the creation of Adams County until 1922, the term of office for the engineer was two years.¹² A law was then passed in 1919 making the term of office for all elective county officials four years after 1922.¹³ At the present time the term of office for the engineer is at the discretion of the county commissioners.¹⁴

Compensation. In 1881 the surveyor was to receive five dollars for every day spent in the performance of his duties and two dollars and a half for a fraction of a day plus fees for making plats and field notes. In 1919 the counties were reclassified, and the engineer in Adams County was to receive \$1500 as an annual salary, beginning January, 1921.¹⁵ When the office was first made appointive, the salary remained at fifteen hundred dollars by order of the commissioners, but it is now \$200 per month.¹⁶

Manner of Removal. From 1913 to 1925, when the engineer ceased to be an elective official, he could be removed under certain circumstances by a petition and election.¹⁷ For details concerning this procedure, see p. 63.

Powers. During the time that the engineer was an elective official, he had

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4. Cd. 1881, sec. 2758; L. 1895, p. 135; L. 1907, p. 351.
 5. L. 1925, Ex. Sess., p. 466. (Classes II-IX, 1933, L. 1933, p. 476).
 6. L. 1937, pp. 734, 735.
 7. Cd. 1881, sec. 2758.
 8. L. 1907, p. 351. For qualifications of an elector, see p. 60.
 9. Cd. 1881, sec. 2758; L. 1895, p. 135; L. 1907, p. 351.
 10. Commissioners' Proceedings, vol. 8, p. 393, see entry 1.
 11. Cd. 1881, sec. 2764.
 12. *Ibid.*, sec. 2758; Const., Art. VI, sec. 8.
 13. L. 1919, p. 520.
 14. L. 1937, p. 735.
 15. Cd. 1881, sec. 2762; L. 1907, p. 352; L. 1919, p. 492.
 16. Commissioners' Proceedings, vol. 8, p. 280, see entry 1.
 17. Const., Art. I, sec. 33, amendment 6.

the power to appoint deputies.¹⁸ At the present time his powers consist in certifying to the county commissioners all estimates for road building and all bills presented to him in connection with his work.¹⁹

Duties. The duties of the engineer were specified in 1937 as follows: "The supervision under the direction of the board of county commissioners, of the establishing, laying out, constructing, altering, improving, repairing, and maintaining of all county roads of such county."²⁰

His duties of earlier years were practically the same. In 1895 they consisted in the making of all surveys and being in charge of all construction in the county required by the county commissioners, by the court, or by application of any person.²¹

Records. At the present time the only record specified to be made by the engineer is the certification to the commissioners of all estimates and bills with which he is concerned.²² The county commissioners, however, are required to maintain "a county engineering office and to keep a record of all proceedings and orders pertaining to the county roads."²³ In Adams County a record of the proceedings and orders in regard to roads are now kept in their journal.²⁴ A separate road record was maintained until 1916.²⁵ They maintain the "county engineering office" in the engineer's office. The engineer who has been employed since 1925 has continued to keep the records required of his predecessors. They consisted of: Record of all surveys made; field notes; highway plat book; profiles of roads; "all matters concerning the public roads, highways, bridges, ditches or other surveys of his county, with the original papers, documents, petitions, surveys, repairs and other papers, in order to have the complete history of any such road, highway . . ."²⁶

Roads and Bridges

General.

375. ROAD RECORD, 1884-1916. 8 vols. (one unlab., 2-8). Record of county roads, from time petitioned for until road is established, rejected, or vacated, showing petitions, notices of hearings, appointment and report of viewers, bills of cost of viewing and survey, and orders to open, vacate, or reject road. Arr. chron. by time of recording and numbered in sequence by roads. For index to 2 vols., 1884-1903, see entry

18. Cd. 1891, sec. 2759.

19. L. 1937, p. 735.

20. Ibid.

21. L. 1895, p. 136. Cf. Cd. 1881, secs. 2760-2763; L. 1907, pp. 351, 352.

22. L. 1937, p. 735.

23. Ibid.

24. See entry 1.

25. See entry 375.

26. Cd. 1881, sec. 2761; L. 1895, pp. 136, 137; L. 1907, p. 351.

ers now act as road supervisors, this is all that is necessary.

After the supervisor certifies the bills for road maintenance, they receive the same treatment as those from other departments. After the county commissioners approve them, the auditor issues warrants which are cashed by the treasurer.²⁷ The treasurer is ex officio treasurer of the various road districts.²⁸ For the auditor's financial road records, see entries 23-28.

The county assessor is concerned in these records in that he extends the state taxes for road districts upon the tax roll so that the treasurer can collect them.²⁹ The roll goes to the treasurer, and in Benton County road taxes are included in the general tax roll.³⁰

Besides cashing road warrants and collecting road taxes, the treasurer registers bonds issued by the commissioners for road construction.³¹

XKII. COUNTY ROAD ENGINEER Benton County, WA

Introduction. The official responsible for the engineering required in building roads and bridges and in making surveys served under the title "county surveyor" from 1855 to 1907;¹ from 1907 to 1937 he was called "county engineer";² and at the present time his title is "county road engineer."³

Manner of Selection. Until 1925 the county engineer was an elective official.⁴ In that year, however, the office was completely abolished in all counties except those of Classes A and I, and the commissioners could employ an engineer when necessary.⁵ Benton County, being in Class VI C at the time, came under this regulation. In 1937 the office of engineer was restored under the title "county road engineer"; he is now appointed by the county commissioners.⁶

Until 1907 the only qualifications made for holding the office of surveyor was that he reside in the county;⁷ in 1907 he was required to be an elector and a competent civil engineer and surveyor.⁸ He has always

27. L. 1893, p. 283.

28. L. 1919, p. 164.

29. L. 1925, Ex. Sess., pp. 227, 275.

30. See entry 270.

31. L. 1913, p. 475. Cf. L. 1889-90, p. 41. See entry 315.

1. L. 1854-61, I, p. 568.

2. L. 1907, p. 351.

3. L. 1927, pp. 734, 735.

4. Cd. 1881, sec. 2758; L. 1895, p. 135; L. 1907, p. 351.

5. L. 1925, Ex. Sess., p. 466. (Classes II-IX, 1933; L. 1933, p. 476).

6. L. 1937, pp. 734, 735.

7. Cd. 1881, sec. 2758.

8. L. 1907, p. 351. For qualifications of an elector, see p. 55.

County Road Engineer

(Next entry 360, p. 198)

had to take an oath of office and to give a bond to the county. The amount of the bond was set at \$1000 in 1881, raised to \$2000 in 1895, \$2500 in 1907, and is now set by the county commissioners.⁹ In Benton County the amount of the bond is \$2500 at the present time.¹⁰

During the years when the engineer was an elective official, any vacancy in the office was filled by appointment by the county commissioners.¹¹

Term of Office. From the time of the creation of Benton County until 1922, the term of office for the engineer was two years.¹² A law was passed in 1919 making the term of office for all elective officials four years.¹³ At the present time the term of office for the engineer is fixed by the county commissioners.¹⁴

Compensation. From 1881 until 1907 the surveyor was to receive five dollars for every day spent in the performance of his duties and two dollars and a half for a fraction of a day plus fees for making plats and field notes. In that year his salary was made dependent on the population of the county, and in Benton which had less than 10,000 people at the time, it remained \$5.00 per day.¹⁵ There is a notation in the Commissioners' Journal of Benton County in April 1908, that the engineer was making \$102.50 per month.¹⁶ In 1919 when the counties were reclassified, the engineer in counties of Class VI, to which Benton belonged, was allowed \$1500 per year.¹⁷ Since that time it has been increased to \$1800, and in Benton County the commissioners have continued to allow that salary since the office was made appointive.¹⁸

Manner of Removal. From 1913 to 1925, when the engineer ceased to be an elective official, he could be removed under certain circumstances by a petition and election.¹⁹ For details concerning this procedure, see p. 57.

Powers. During the time that the engineer was an elective official, he had the power to appoint deputies,²⁰ and at various times after 1911 the Benton County engineer had a deputy.²¹ At the present time his powers consist in certifying to the county commissioners all estimates for road

9. Cd. 1881, sec. 2758; L. 1895, p. 135; L. 1907, p. 351; L. 1937, p. 735.

10. Official Bond Record, see entry 153.

11. Cd. 1881, sec. 2764.

12. *Ibid.*, sec. 2758; Const., Art. VI, sec. 8.

13. L. 1919, p. 520.

14. L. 1937, p. 735.

15. Cd. 1881, sec. 2762; L. 1907, p. 352.

16. Commissioners' Journal, vol. 1, p. 407, see entry 3.

17. L. 1919, p. 492.

18. Auditor's Annual Report, 1938, see entry 45.

19. Const., Art. I, sec. 33, amendment 8.

20. Cd. 1881, sec. 2759.

21. Commissioners' Journal, vol. 2, p. 245; vol. 3, p. 231; vol. 4, p. 45, see entry 3.

(Next entry 360, p. 198)

building and all bills presented to him in connection with his work.²²

Ex officio Capacities. The county engineer is ex officio member of the first board of drainage district supervisors,²³ and in Benton County, he is ex officio secretary of this board.

Duties. The duties of the engineer were specified in 1937 as follows: "The supervision under the direction of the board of county commissioners, of the establishing, laying out, constructing, altering, improving, repairing, and maintaining of all county roads of such county."²⁴

His duties in earlier years were practically the same. In 1895 they consisted in the making of all surveys and being in charge of all construction in the county required by the commissioners, by the court, or by application of any person.²⁵

The duty of the engineer in regard to drainage districts is to view the proposed system for a new district and to make whatever later surveys are necessary.²⁶

Records. At the present time the only record specified to be made by the engineer is the certification to the commissioners of all estimates and bills with which he is concerned.²⁷ The county commissioners, however, are required to maintain "a county engineering office and to keep a record of all proceedings and orders pertaining to the county roads."²⁸ In Benton County a record of the proceedings and orders in regard to roads has always been kept in their journal.²⁹ They maintain the "county engineering office" in the engineer's office, and the engineer who has been employed since 1925 continued to keep the records required of his predecessors. They consisted of: Record of all surveys made; field notes; highway plat book; profiles of roads; "all matters concerning the public roads, highways, bridges, ditches or other surveys of his county, with the original papers, documents, petitions, surveys, repairs, and other papers in order to have the complete history of any such road, highway, or other survey."³⁰

The preliminary surveys for drainage districts which the engineer makes are filed with the auditor.³¹ In Benton County the only pertinent record found in the engineer's office was receipts for payments made to him in connection with surveys in these districts.³²

22. L. 1937, p. 735.
 23. L. 1921, p. 627.
 24. L. 1937, p. 735.
 25. L. 1895, p. 136. Cf. Cd. 1881, secs. 2760-2763; L. 1907, pp. 351, 362.
 26. L. 1918, pp. 614, 615; L. 1917, pp. 523-525.
 27. L. 1937, p. 735.
 28. L. 1914, p. 734.
 29. See entry 3.
 30. Cd. 1881, sec. 2761; L. 1895, pp. 136, 137; L. 1907, p. 351.
 31. L. 1917, pp. 523-525.
 32. See entry 372.

XXXVI. COUNTY ROAD ENGINEER Chelan County, WA

The Legislative Assembly of the Territory of Washington in 1855 provided for the election of a county surveyor.¹ The title of the office was changed to "county engineer" in 1907.² In 1925, to be effective in the general election of 1926, the office of county engineer was abolished in all classes of counties except class A and class I, and the duties of the office were imposed upon the commissioners, who were empowered to employ assistants and engineers as necessary.³ As Chelan County was in class IV in 1926,⁴ no engineer was elected. In 1937 the office of county road engineer, to be filled by appointment by the county commissioners, was established in all counties.⁵

A bond of \$1,000 was originally required of the office by statute,⁶ being increased to \$2,000 in 1895⁷ and to \$2,500 in 1907.⁸ The amount of bond of the appointive county road engineer is determined by the board of county commissioners,⁹ being set at \$5,000 in the instance of Chelan County.¹⁰

The term of office was set at 2 years until 1922,¹¹ but from 1922 until the office was abolished in 1926 the county engineer served for 4 years.¹² The term of office of the appointive county road engineer is at the pleasure of the board of county commissioners,¹³ and local practice in Chelan County has been to stipulate 2 years as the term for the appointee.¹⁴ During the Territorial period the county surveyor received \$5 per day plus fees.¹⁵ Upon classification of counties, effective in 1891, and until 1907 the compensation continued to be \$5 per day.¹⁶ In 1907 the county engineer of Chelan County was allowed an annual salary of \$1,600 by statutory provision.¹⁷ At the time the elective office was abolished in 1926, the county engineer was receiving \$1,800.¹⁸ The salary for the appointive county road engineer is set by the

1. L. 1854-55, p. 25, sec. 1.
2. L. 1907, p. 351, sec. 1.
3. L. 1925, Ex. Ses., pp. 413, 414, sec. 5.
4. Commissioners' Journal, vol. 122, p. 622, see entry 1.
5. L. 1937, pp. 734, 735, sec. 4.
6. L. 1854-55, p. 25, sec. 1.
7. L. 1895, p. 135, sec. 1.
8. L. 1907, p. 351, sec. 1.
9. L. 1937, pp. 734, 735, sec. 4.
10. Commissioners' Journal, vol. 238, p. 349, et passim, see entry 1.
11. 1854-55, p. 25, sec. 1.
12. L. 1919, p. 520, sec. 1.
13. L. 1937, pp. 734, 735, sec. 4.
14. Commissioners' Journal, vol. 238, p. 349, see entry 1; Bond Record, vol. 5, p. 98, see entry 184d.
15. L. 1854-55, p. 26, sec. 5.
16. L. 1889-90, pp. 302-316, secs. 1-48; L. 1899, p. 252, sec. 8.
17. L. 1907, p. 352, sec. 5; Commissioners' Journal, vol. 45, pp. 376, 377, see entry 1.
18. L. 1919, p. 493, sec. 4; Commissioners' Journal, vol. 122, p. 622, see entry 1.

County Road Engineer - Roads

(413-415)

board of county commissioners.¹⁹ At the present time the Chelen County road engineer receives \$3,000 annually, with an assistant road engineer being paid a like sum.²⁰

The county road engineer has supervision, under the direction of the board of county commissioners, of establishing, laying out, constructing, altering, improving, repairing, and maintaining all county roads.²¹

It is required by statute that the engineer keep a record of all proceedings and orders pertaining to the county roads.²² The records of the office are kept in the engineer's vault unless otherwise indicated in the entries.

Roads
(See also entries 425, 433a, h, i)

413. (CARD FILE INDEX), 1884--. 4 f.b. (lab. by contained road nos.). Contains a transcript of material in Index to Roads, entry 414. This index serves Roads and Bridges General, 1900, entry 415; Roads and Bridges, General (Transcribed from Kittitas and Okanogan Counties), 1884-99, entry 416; Road Record (Transcribed from Okanogan County), 1888-97, entry 417; Road Record (Transcribed from Kittitas County), 1884-99, entry 418; Road Record, 1900-1919, entry 419; Permanent Highways, 1912-38, entry 420; Current Contracts (Secondary Highways), 1929-39, entry 421; Bridge Records, 1900-- , 1888-99, entry 424; and Surveyor's Record, 1904-10, entry 432, showing road or bridge number, name of road or bridge, date and nature of each instrument, where filed, and volume and page number where recorded (if recorded). Arr. numer. by road and bridge no., thereunder chron. by time of recording. Typed. 5 x 7 x 17. Eng. work rm.

414. INDEX TO ROADS, 1884-1927. 1 vol. Discontinued. The contents of this record have been transcribed into (Card File Index), entry 413. For records served by this index and for description of contents, see (Card File Index), entry 413. Arr. numer. by road and bridge no., thereunder chron. by time of recording. Hdw. and typed. 360 pp. 16 x 12 x 2 1/2.

415. ROADS AND BRIDGES GENERAL, 1900--. 9 f.b. (lab. by contained road nos.). Original documents pertaining to roads and bridges from time petitioned for, to establishment or construction and the maintenance thereof, showing date, name and number of road or bridge, nature of instrument, road district number, location and description of road or bridge and property affected, engineer's field notes and specifications, names of persons concerned, and amounts involved. Arr. numer. by road and bridge no., thereunder chron. by time of

19. L. 1937, pp. 734, 735, sec. 4.
20. Commissioners' Journal, vol. 272, p. 66, see entry 1.
21. L. 1937, pp. 734, 755, sec. 4.
22. Ibid., p. 734, sec. 3.

(Next entry 601, p. 250)

XLIV. COUNTY ROAD ENGINEER Cowlitz County, WA

The Legislative Assembly of the Territory of Washington in 1855 provided for the election of a county surveyor.¹ The title of the office was changed to "county engineer" in 1907.² In 1925, to be effective in the general election of 1926, the office of county engineer was abolished in all counties other than class A and class 1, and the duties of the office were assigned to the board of county commissioners, and the board was empowered to employ such assistants and engineers as was deemed necessary.³ Cowlitz County was in class IV in 1926,⁴ no county engineer was elected. In 1937 the office of county road engineer, to be filled by appointment by the board of county commissioners, was established in all counties.⁵

A bond of \$1,000 was originally required of the office by statute,⁶ being increased to \$2,000 in 1895⁷ and to \$2,500 in 1907.⁸ The amount of bond required of the appointive county road engineer is determined by the board of county commissioners,⁹ and in Cowlitz County the present bond required is \$1,000.¹⁰

The term of office was set at 2 years until 1922,¹¹ but from 1922 until the office was abolished in 1926 the county engineer served 4 years.¹² The term of office of the appointive county road engineer is at the pleasure of the board of county commissioners.¹³ During the Territorial period the county surveyor received \$5 per day plus fees.¹⁴ Upon classification of the counties, effective in 1891, and until 1909 the compensation continued to be \$5 per day in Cowlitz County,¹⁵ but in 1909 it was ordered that the county engineer should receive an annual salary at the same rate as the county auditor, which was \$1,450.¹⁶ The present appointive county road engineer in Cowlitz County receives \$215 per month,¹⁷ the salary being set by the commissioners.¹⁸

1. L. 1854-55, p. 25, sec. 1.
2. L. 1907, p. 351, sec. 1.
3. L. 1925, Ex. Ses., pp. 413, 414, sec. 5.
4. Commissioners' Journal, vol. 11, p. 25, see entry 1.
5. L. 1937, pp. 734, 735, sec. 4.
6. L. 1854-55, p. 25, sec. 1.
7. L. 1895, p. 135, sec. 1.
8. L. 1907, p. 351, sec. 1.
9. L. 1937, pp. 734, 735, sec. 4.
10. Commissioners' Journal, vol. 15, p. 359, see entry 1.
11. L. 1854-55, p. 25, sec. 1.
12. L. 1919, p. 500, sec. 1.
13. L. 1937, pp. 734, 735, sec. 4.
14. L. 1854-55, p. 26, sec. 5.
15. L. 1889-90, pp. 302-316, secs. 1-48; L. 1899, p. 252, sec. 8.
16. L. 1907, p. 352, sec. 5; Commissioners' Journal, vol. 7, p. 203.
17. Ibid., vol. 16, p. 132.
18. L. 1937, pp. 734, 735, sec. 4.

County Road Engineer -
Correspondence; Roads

(601-605)

The county road engineer has supervision, under the direction of the board of county commissioners, of establishing, laying out, constructing, altering, improving, repairing, and maintaining all county roads.¹⁹

It is required by statute that the engineer keep a record of all proceedings and orders pertaining to county roads.²⁰

Correspondence

601. (CORRESPONDENCE), 1910--. 19 f.b.
Original incoming and carbon copies of outgoing correspondence relating to official business of the engineer's office. Arr. alph. by subject, thereunder chron. by time of filing. No index. Hdw. and typed. 3 x 12 x 12. Eng. va.

Roads

602. ROADS, 1883--. 15 f.b.
Original petitions, orders, reports, and all instruments filed pertaining to roads from time petitioned for to establishment, with maintenance thereof, so arranged in folders as to give a complete history of each road, showing date, case file number, name and number of road, nature of instrument, legal description of property involved, and names of petitioners and property owners concerned. Arr. numer. by case file no., thereunder alph. by name of road. No index. Hdw., typed, and hdw. typed ptd. fm. $5\frac{1}{2}$ x $10\frac{1}{2}$ x 14. Eng. off.

603. ROAD RECORD, 1855-1908. 4 vols. Title varies: Road Book, 1870-89, 1 vol. Discontinued as a separate series.
Record of all petitions, orders, reports, and instruments, pertaining to roads, from time petitioned for to establishment, with maintenance thereof, showing date, name and number of road, road district number, nature of instrument, legal description of property involved, and names of petitioners and of property owners affected. Arr. chron. by time of recording. Indexed alph. by first letter of road's name. Hdw. ptd. fm. Aver. 400 pp. 18 x 13 x $2\frac{1}{2}$. Eng. va.

604. UNSURVEYED ROADS AND ROADS BEING SURVEYED, 1884--. Est. 25 fldrs. in 1 f.b.
Petitions and documents pertaining to unsurveyed roads or in process of being surveyed, showing date, name of road, road district number, location and legal description, nature of document, date surveyed, and detailed notes of survey. Arr. chron. by time of filing. No index. Hdw. and typed. $5\frac{1}{4}$ x $10\frac{1}{2}$ x 12. Eng. off.

605. TABLED ROADS, BRIDGES AND FERRYS, 1904--. Est. 25 fldrs. in 1 f.b.
Original petitions and documents pertaining to establishment of roads and ferries or construction of bridges, which are tabled for future consideration.

19. Ibid.

20. Ibid., p. 734, sec. 3.

Correspondence; Road Construction
and Maintenance

(327-330)

XVI. COUNTY ROAD ENGINEER

Garfield County, WA

The office of county road engineer, successor to the county surveyor and the county engineer, has functioned since shortly after the creation of the county in 1881,¹ first as an elective office and since 1937 as an appointive office.² The salary of the appointee in Garfield County is \$2,400 annually.³ Duties of the office are to establish, lay out, construct, repair, and maintain all county roads and to certify all estimated costs of such improvements.⁴ The records of the office are located in the engineer's vault unless otherwise indicated.

Correspondence
(See also entry 353a)

327. STATE AND COUNTY LETTERS, 1906--. 7 f.b.
Original copies of incoming and carbon copies of outgoing correspondence relating to the Department and the official business of the county

XXXI. COUNTY ROAD ENGINEER

Lewis County, WA

Structural Organization and Evolution

Establishment of Office. Although during the Oregon Territorial period there was a surveyor-general for the entire Territory,¹ there was none provided for in each county until 1855 when the office of "county surveyor" was created.² From 1907 to 1937 he was called the "county surveyor,"³ but at the present time, his title is "county road engineer."⁴ Before 1937 he was responsible for all official surveys made in the county as well as for the engineering required in building roads and bridges.⁵ At the present time his duties are limited to the supervision of road building.⁶

Manner of Selection. Until 1925 the engineer was an elective official.⁷ In that year, however, the office was completely abolished in all counties except those of Classes A and I, and the county commissioners were authorized to employ an engineer whenever necessary.⁸ Lewis County came within this group. In 1937 the office of engineer was restored under the title "county road engineer," but he is now appointed by the county commissioners.⁹

Until 1907 the only qualifications made for holding the office of surveyor was that he reside in the county;¹⁰ in 1907 he was required to be an elector and a competent civil engineer and surveyor.¹¹ He has always had to take an oath of office and to give a bond to the county. The amount of the bond was set at \$1,000 in 1855, raised to \$2,000 in 1895, \$2,500 in 1907, and is now set by the county commissioners.¹² In Lewis County the commissioners require a bond of \$1,000.¹³

Compensation. During the Territorial period, the surveyor received \$5 for every day spent in the performance of his duties and \$2.50 for a fraction of a day, plus fees for making plats and field notes.¹⁴ This figure was retained for Class XIV into which Lewis came in 1889 when the counties were classified according to population.¹⁵ From 1920 to 1925, at which time the office was abolished,¹⁶ the salary for Class IV to which

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1. L. Ore., 1850-51, p. 48.
 2. L. 1854-61, I, 568.
 3. L. 1907, p. 351.
 4. L. 1937, pp. 734, 735.
 5. L. 1907, p. 351.
 6. L. 1937, p. 735.
 7. Cd. 1881, sec. 2758; L. 1895, p. 135; L. 1907, p. 351.
 8. L. 1925, Ex. Sess., p. 466. (Classes II-IX, L. 1933, pp. 476, 477).
 9. L. 1937, pp. 734, 735.
 10. Cd. 1881, sec. 2758.
 11. L. 1907, p. 351. See p. 104, for requirements of an elector.
 12. L. 1854-61, p. 568; L. 1895, p. 135; L. 1907, p. 351; L. 1937, p. 735.
 13. Commissioners' Record, vol. 19, p. 326, see entry 1.
 14. Cd. 1881, sec. 2762.
 15. L. 1889-90, p. 308.
 16. L. 1925, Ex. Sess., p. 413.

Lewis belonged at that time, was \$2,000.¹⁷ When the office was made appointive, the county commissioners were allowed to set the amount of salary,¹⁸ and in Lewis County at the present time the engineer receives \$3,600.¹⁹

Powers and Duties

During the time that the engineer was an elective official, he had the power to appoint deputies.²⁰ At the present time his powers consist in certifying to the county commissioners all estimates for road building and all bills presented to him in connection with his work.²¹

The duties of the engineer were specified in 1937 as follows: "The supervision under the direction of the board of county commissioners, of the establishing, laying out, constructing, altering, improving, repairing, and maintaining of all county roads of such county."²²

His duties in earlier years were essentially the same except that they included the making of all surveys in the county and being in charge of all construction in the county required by the county commissioners or the court.²³ He was also required to make surveys of proposed drainage districts when requested to do so by the county commissioners. These were filed with the commissioners.²⁴

Records

The county commissioners are required to maintain "a county engineering office and to keep a record of all proceedings and orders pertaining to the county roads."²⁵ In Lewis County they maintain the "county engineering office" in the engineer's office, and the county road engineer keeps the records. He, as well as the engineer who was employed from 1925 to 1937, has continued to maintain the records which were required of the earlier county engineer. These records consisted of the following: Record of all surveys made; field notes; highway plat book; profiles of roads; "all matters concerning the public roads, highways, bridges, ditches, or other surveys of his county, with the original papers, documents, petitions, surveys, repairs, and other papers, in order to have the complete history of any such road, highway, etc."²⁶

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17. L. 1919, p. 492.
 18. L. 1937, p. 735.
 19. Auditor's Annual Report, 1938, p. 29, see entry 26.
 20. Cd. 1881, sec. 2759.
 21. L. 1937, p. 735.
 22. Ibid.
 23. L. 1895, p. 136; L. 1907, pp. 351, 352. Cf. Cd. 1881, secs. 2760-2763.
 24. L. 1917, p. 523.
 25. L. 1937, p. 734.
 26. Cd. 1881, sec. 2761; L. 1895, pp. 136, 137; L. 1907, p. 351.

(Next entry 417, p. 199)

XL. COUNTY ROAD ENGINEER Lincoln County, WA

The Legislative Assembly of the Territory of Washington in 1855 provided for the election of a county surveyor.¹ The title of the office was changed to "county engineer" in 1907.² In 1925, to be effective in the general election of 1926, the office of county engineer was abolished in all classes of counties except class A and I, and the duties of the office were imposed upon the commissioners, who were empowered to employ assistants and engineers as necessary.³ As Lincoln County was in class V in 1926,⁴ no engineer was elected. In 1937 the office of county road engineer, to be filled by appointment by the county commissioners, was established in all counties.⁵

A bond of \$1,000 was originally required of the office by statute,⁶ being increased to \$2,000 in 1895⁷ and to \$2,500 in 1907.⁸ The amount of bond of the appointive county road engineer is determined by the board of county commissioners,⁹ but in Lincoln County no bond is required.¹⁰

The term of office was set at 2 years until 1922,¹¹ but from 1922 until the office was abolished in 1926 the county engineer served for 4 years.¹² The term of office of the appointive county road engineer is at the pleasure of the board of county commissioners.¹³ During the Territorial period the county surveyor received \$5 per day plus fees.¹⁴ Upon the classification of counties, effective in 1891, and until 1907 the compensation continued to be \$5 per day.¹⁵ In 1907 the county engineer of Lincoln County was allowed an annual salary of \$1,600.¹⁶ At the time the office was abolished in 1926, the county engineer was receiving \$1,800.¹⁷ The salary for the appointive county road engineer is set by the board of county commissioners.¹⁸ At the present time the Lincoln County road engineer receives \$2,400 annually.

1. L. 1854-55, p. 25, sec. 1.
2. L. 1907, p. 351, sec. 1.
3. L. 1925, Ex. Ses., pp. 413, 414, sec. 5.
4. Commissioners' Journal, vol. I, pp. 227, 228, see entry 2.
5. L. 1937, pp. 734, 735, sec. 4.
6. L. 1854-55, p. 25, sec. 1.
7. L. 1895, p. 155, sec. 1.
8. L. 1907, p. 351, sec. 1.
9. L. 1937, pp. 734, 735, sec. 4.
10. Information obtained from I. B. Peffley, Lincoln County Auditor, January 4, 1939, by Helen Krueger.
11. L. 1854-55, p. 25, sec. 1.
12. L. 1919, p. 520, sec. 1.
13. L. 1937, pp. 734, 735, sec. 4.
14. L. 1854-55, p. 26, sec. 5.
15. L. 1889-90, pp. 302-316, secs. 1-48.
16. Commissioners' Journal, vol. D, p. 337, see entry 2; L. 1895, p. 413, sec. 15; L. 1907, p. 352, sec. 5.
17. L. 1919, p. 493, sec. 4; Commissioners' Journal, vol. I, pp. 227, 228, see entry 2.
18. L. 1937, pp. 734, 735, sec. 4; Atty. Gen. Op., 1937-38, p. 204.

County Road Engineer -
Correspondence: Roads

(417-419)

The first assistant engineer receives \$2,100, the second assistant receives \$1,800, and two office assistants receive \$1,500 and \$1,000 respectively.¹⁹

The county road engineer has supervision, under the direction of the board of county commissioners, of establishing, laying out, constructing, clearing, improving, repairing, and maintaining all county roads.²⁰

It is required by statute that the engineer keep a record of all proceedings and orders pertaining to the county roads.²¹

Correspondence

417. CORRESPONDENCE, 1910-36. 1 f.b. 1921-- in (Miscellaneous Files), entry 450.

Originals of incoming and carbon copies of outgoing correspondence relating to official business of engineer's department.

Also contains original copies of:

- a. Gasoline account for the various road districts, 1932-33, showing date, road district number, number of gallons debited and credited, cost per gallon, totals and balances.
- b. Lists of expenditures from various funds for maintenance and construction of roads, salaries and office supplies, 1930-35, showing date, designation of road district or fund debited, nature of expenditure, amount, and balances.

Automobile licenses, 1932-35, entry 118. Arr. by subject, thereunder chron. by time of filing. No index. Hdw., typed, and hdw. and typed pt'd. fm. 11 x 12 1/2 x 24. Aud. lower va.

Roads

(See also entry 450a, c, g)

General

418. ROAD RECORD, 1880-1910. 7 vols. (A-G). Discontinued. Record of all county roads from the time petitioned for until established, showing date of petitions, notices, locations, reports of viewers and of surveys, cost bills, bonds, and date established, improved, or vacated. Portion of volume A, December 1880-April 1884, transcribed from the records of Spokane County. Arr. numer. by road no., thereunder chron. by time of recording. For index, see entry 419. Hdw., 1880-1901; typed, 1902-10. Aver. 640 pp. 10 x 13 x 3. Aud. lower va.

419. INDEX TO ROAD RECORD, 1880-1910. 1 vol. (1). Discontinued. This index serves Road Record, entry 418, showing date, road name and number, name of principal petitioner, date established, and volume and page number

19. Commissioners' Journal, vol. N, p. 48, see entry 2.

20. *Ibid.*, pp. 734, 735, see. 4.

21. *Ibid.*, p. 734, see. 3.

county nurses, giving name and address of child, date examined, and list of deficiencies, or deformities of each. Arr. alph. Boxes, 8 x 12 x 8, C. H. off.

XVIII. COUNTY ENGINEER Pend Oreille County, WA

When the office pertaining to the construction of roads, bridges, and other surveys requiring engineering training was created in 1885, it was called the office of county surveyor (L. 1854-61, p. 568). In 1895 the surveyor's duties were as follows:

The county surveyor, . . . shall make and execute all surveys, and shall be engineer in charge of all construction within his county required by the county commissioners, or by order of any court (L. 1895, p. 136, #3).

The records of these were to be kept (L. 1895, p. 137).

In 1907 the title of this office was changed to that of County Engineer (L. 1907, p. 351). His duties were stated as follows:

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County Engineer

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1. To keep in his office a highway plat book in which he shall have plotted all public roads and highways.
2. To prepare profiles of all roads hereafter established and of all roads which are ordered to be improved.

And additional explanation was:

The office of the county engineer shall be one of record and there shall be recorded and filed in his office all plat maps concerning the public roads, highways, bridges, ditches, or other surveys repairs and other papers, in order to have the complete history of any such road, highway, bridge, ditch or other survey: Provided that in any county where there is no qualified engineer, the records of said office shall be kept in the office of the county auditor.

In 1925 the office of county engineer was abolished in all counties except all those of class A, and counties of the first class. The county commissioners were to perform his duties from then on. They were allowed to employ an engineer whenever necessary (L. 1925, Ex. Sess., p. 466). In 1933 the counties in which there was to be no engineer were designated as "classes 1 to 9 inclusive" (L. 1933, p. 476). In 1937 the office of county engineer was abolished entirely, and the county commissioners were empowered to employ a county road engineer whenever needed. The responsibility for road construction is left with the county commissioners under the direction of the State Director of Highways (L. 1937, pp. 734-35).

Receipts and Disbursements

348. CERTIFIED TRANSCRIPT OF LABOR PAY ROLL, 1935--. 57 sheets. Project began in 1935.
Certified transcript of labor pay roll for projects financed in whole or in part with federal funds, appropriation S.R.P. #6, giving type of construction, name of state and county, name and address of contractors, pay roll nos, Arr. numer. by instruments. No index. 21 x 17. Eng. off.
349. MONTHLY STATEMENT OF COSTS, 1935--. 145 loose-leaf sheets.
Engineers' monthly statement of costs in connection with road work in Fend Oreille county, including labor and supplies. Arr. chron. No index. 21 x 17. Eng. off.

Roads

350. MAPS--COUNTY TOWN PLOTS, ROADS, no dates given. 100 maps.
Maps of Ford Oreille county, showing town plots, roads, highways, etc. Artists: various county engineers. Blue prints. Aver. scale: $\frac{1}{8}$ " equals 1 mile. Size varies from 15" to 25" to 1' x 3'. Eng. va.
351. ROAD RECORD INDEX, 1888--. 1 vol.
A numer. index by road districts, giving recorded name, official name, day, month, year of survey, no. in field book, initial point S.T.R., terminal point, S.T.R., length M. 100, vacated M. 100, width of road, date ordered,

concerning the duties of the county road engineer see the section in this inventory immediately following.

The county assessor extends the state taxes for road districts upon the tax roll (L. 1925, Ex. Sess., p. 227, p. 275). For the road assessment rolls found in Skagit County see entries 311-13.

The treasurer handles the funds for the road districts as ex-officio treasurer of the road districts (L. 1919, p. 164). He collects the taxes (L. 1897, p. 272); cashes warrants (L. 1919, p. 164); and registers bonds issued by the county commissioners for road construction (L. 1913, p. 475; cf. L. 1889-90, p. 41). For these records found in Skagit County see entries 371, 384.

XXXI. COUNTY ROAD ENGINEER Skagit County, WA

In 1885 when the office was created pertaining to the construction of roads, bridges, and various surveys requiring engineering skill, it was called the office of the county surveyor. His duties were: "...to execute any survey which may be required by any court, or upon application of any individual or corporation within a reasonable time. (L. 1854-61, I, p. 568).

The records to be kept were: "...a correct record of all surveys made... field notes and calculations of each survey...copy of the original field notes of the townships in his county (whenever directed to do so by the county commissioners). All other "papers, maps, books, and charts belonging to his office" were to be turned over to his successor. (L. 1854-61, I, p. 569).

In 1895 the designation of his duties was made as follows: "...make and execute all surveys, and shall be engineer in charge of all construction within his county required by the county commissioners, or by order of any court (L. 1895, p. 136).

In 1907 the title of this office was changed to that of county engineer. His duties were stated as follows: "To keep in his office a highway plat book in which he shall have platted all public roads and highways. To prepare profiles of all roads hereafter established and of all roads which are ordered to be improved". An additional explanation was:

The office of the county engineer shall be one of record and there shall be recorded and filed in his office all plats concerning the public roads, highways, bridges, ditches, or other surveys, repairs, and other papers, in order to have the complete history of any such road, highway, bridge, ditch, or other survey: Provided that in any county where there is no qualified engineer, the records of said office shall be kept in the office of the county auditor. (L. 1907, p. 351).

The office of county engineer was abolished in 1925 in all counties except those of classes A and I. The county commissioners were to perform his duties from then on; but they were allowed to employ an engineer whenever necessary (L. 1925, Ex. Sess., p. 466). In 1933 the counties in which there was

(436-440)

to be no engineer were designated as "classes 2 to 9, inclusive" (L. 1933, Ex. Sess., p. 476).

In 1937 the office of engineer was reinstated under the title, "county road engineer". Instead of being an elective official as heretofore, he is now appointed by the county commissioners for a term to be fixed by the board. His duties are as follows: "...have supervision, under the direction of the board of county commissioners, of the establishing, laying out, constructing, altering, improving, repairing and maintaining of all county roads of such county". (L. 1937, pp. 734-35).

No records are specified; but the county road engineer is directed to "examine and certify to the board of county commissioners all estimates and all bills for labor, materials, provisions and supplies with respect to county roads" (*ibid.*).

Since Skagit County belongs to class IV, the engineer's office was absent from that county from 1925 to 1937. The temporary engineers who were employed by the county commissioners during those years, however, continued to keep the records which had been maintained by the county engineers. Consequently, there are no gaps in the important records of that office.

Road and Other Surveys
(See also entries 10-16, 311)

- 436. (ENGINEERS' FIELD NOTES), 1862--. 1862-95 in Roads Record, entry 439-ii; 1885-- also in Roads, entry 441-iii.
Copies of notes made by various county engineers, giving date of survey, location and type of survey, and detailed outline of findings.
- 437. ENGINEERS' FIELD BOOKS, 1904--. 17 file boxes. Last entry 1933. 1893-1904, apparently missing.
Final record made by various county engineers of surveys made, giving section no., twp. and range nos., road district nos., and details of survey. Arr. chron. 6½ x 8½ x 16. Eng. off.
- 438. SURVEYORS' AND ENGINEERS' FIELD BOOK INDEX, 1893--. 2 file boxes. Last entry 1933.
A numer. index to surveys by location nos., giving road district no., range and twp. nos., and date of survey. 1893-1900, condition, poor; writing, faded. 11 x 16 x 24. Eng. off.
- 439. ROADS RECORD, 1862--. 7 vols. (1-7).
Record of county business pertaining to county roads, including:
 - i. (Account of Construction Work), entry 442.
 - ii. (Engineers' Field Notes), 1862-85, entry 436.
 - iii. Road and Ditch Petitions, 1862-91, entry 10.
 - iv. (Survey of Roads), entry 443.
 Arr. chron. Indexed numer. by road district nos.; see also entry 440. This record serves as index to Road and Ditch Petitions, 1892-1919, entry 10.
Hdw. pr. fm. Vols. aver. 355 pp. 13 x 8½ x 1½. Eng. off.
- 440. INDEX TO COUNTY ROADS, 1896-98. 1 vol. Discontinued.
Numer. index to county roads by road districts, giving road district no., name

(Next entry 397, p. 214)

XLI. COUNTY ROAD ENGINEER **Stevens County, WA**

The Legislative Assembly of the Territory of Washington in 1855 provided for the election of a county surveyor.¹ The title of the office was changed to "county engineer" in 1907.² In 1925, to be effective in the general election of 1926, the office of county engineer was abolished in all counties other than class A and class I, and the duties of the office were assigned to the commissioners, who were empowered to employ assistants and engineers as necessary.³ As Stevens County was in class IV in 1926,⁴ no county engineer was elected. In 1937 the office of county road engineer, to be filled by appointment by the county commissioners, was established in all counties.⁵

A bond of \$1,000 was originally required of the office by statute,⁶ later increased to \$2,000 in 1895⁷ and to \$2,500 in 1907.⁸ The amount of bond required of the appointive county road engineers is determined by the board of county commissioners,⁹ and in Stevens County the present bond required is \$2,000.¹⁰

The term of office was set at 2 years until 1922,¹¹ but from 1922 until the office was abolished in 1926 the county engineer served for 4 years.¹² The term of office of the appointive county road engineer is at the pleasure of the board of county commissioners.¹³ During the Territorial period the county surveyor received \$5 per day plus fees.¹⁴ Upon classification of the counties, effective in 1891, and until 1907 the compensation continued to be \$5 per day in Stevens County,¹⁵ but in 1910 the Stevens County engineer received \$1,600 annually.¹⁶ At the time the office was abolished in 1926 the engineer was receiving \$2,000 yearly.¹⁷ The salary of the appointive county road engineer is set by the board of county commissioners.¹⁸

The county road engineer has supervision, under the direction of the

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1. L. 1854-55, p. 25, sec. 1.
 2. L. 1907, p. 351, sec. 1.
 3. L. 1925, Ex. Ses., pp. 413, 414, sec. 5.
 4. Commissioners' Record, vol. D, p. 163, see entry 1.
 5. L. 1937, pp. 734, 735, sec. 4.
 6. L. 1854-55, p. 25, sec. 1.
 7. L. 1895, p. 135, sec. 1.
 8. L. 1907, p. 351, sec. 1.
 9. L. 1937, pp. 734, 735, sec. 4.
 10. Commissioners' Record, vol. J, p. 401, see entry 1.
 11. L. 1854-55, p. 25, sec. 1.
 12. L. 1919, p. 520, sec. 1.
 13. L. 1937, pp. 734, 735, sec. 4.
 14. L. 1854-55, p. 26, sec. 5.
 15. L. 1889-90, pp. 310, 311, sec. 25.
 16. Commissioners' Record, vol. F, p. 95, see entry 1; L. 1907, p. 352, sec. 5.
 17. L. 1919, p. 493, sec. 4; Commissioners' Record, vol. E, p. 235, see entry 1.
 18. L. 1937, pp. 734, 735, sec. 4.

County Road Engineer -
Correspondence; Roads

(397-401)

board of county commissioners, of establishing, laying out, constructing, altering, improving, repairing, and maintaining all county roads.¹⁹

It is required by statute that the engineer keep a record of all proceedings and orders pertaining to county roads.²⁰

Correspondence

397. LETTERS, 1930--. 5 f.b.
Original incoming and carbon copies of outgoing letters, cards, and telegrams relative to official business of the engineer's department. Arr. by subjects, thereunder chron. by time of filing. No index. Hdw. and typed. 3 x 12 x 12. 2 f.b., 1930-37, eng. va.; 3 f.b., 1938--, eng. off.

Roads

398. (Roads and Road Claims from) COMMISSIONERS' PROCEEDINGS, 1931--.
3 fldrs.
Copies of commissioners' orders relating to roads and road claims, showing date, nature of order or proceeding, nature and amount of claims, and whether approved or rejected. Arr. chron. by time of filing. No index. Hdw. and typed. 2 x 4 $\frac{1}{2}$ x 10. Eng. va.

399. ROAD RECORD, 1864--. 4 vols. (A-D).
Record of county roads from the time petitioned for until established, showing dates, names of petitioners, legal description, type and character of road, date established, road number, and engineer's field notes. Arr. numer. by road no. For index, see entry 400. Hdw. ptd. fm. Aver. 500 pp. 17 x 15 x 2 $\frac{1}{2}$. Eng. off.

400. INDEX TO ROADS (Direct), 1884--. 1 vol.
This index serves Road Record, entry 399, showing road number, name of road, and volume and page number where recorded. Arr. alph. by first letter of road's name. Hdw. and typed ptd. fm. 100 pp. 18 x 14 x 1. Eng. va.

401. ROAD RECORD (Locations and Waivers), 1864-86, 1891-1902. 2 vols. (dated). Discontinued.
Record of road locations with surveyor's field notes, showing date of survey, location and legal description of course of road, description of property involved by right-of-way, date right-of-way granted, and date of waiver for claims to damages. Arr. chron. by time of recording. Indexed alph. by first letter of road's name. Hdw. ptd. fm. Aver. 400 pp. 18 x 15 x 2. Aud. lower va.

19. L. 1937, pp. 734, 735, sec. 4.
20. Ibid., p. 734, sec. 3.