

REPORT
FOR YEAR 1871,
SUBMITTED BY THE
CANADIAN BOARD OF DIRECTORS.
OF THE
Northern Railway of Canada,

AT THE
ANNUAL MEETING OF THE PROPRIETORS,
HELD AT THE COMPANY'S OFFICES, TORONTO,
WEDNESDAY, FEBRUARY 14th, 1872.

TORONTO, ONT.:
GLOBE PRINTING COMPANY 26 & 28 KING STREET EAST.
1872.

REPORT

REPORT

FOR THE YEAR 1871

OF THE

GENERAL BOARD OF DIRECTORS

OF THE

Bank of Montreal

AT THE

ANNUAL MEETING OF THE PROPRIETORS

Held at the Court's Chamber, Montreal

Wednesday, November 1st, 1871

TORONTO: 1871

Printed by J. H. GARDNER, at the "Globe" Office, No. 25 King Street West.

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REPORT
FOR THE YEAR 1881
OF THE
CANADIAN BOARD OF GEODETIC SURVEYORS

By Order of the Board

PRINTED BY THE PROPRIETORS

AT THE PRESS OF THE PROPRIETORS

TOX, WATSON, & COMPANY
PRINTERS AND BOOKSELLERS

100, WATERLOO STREET
TORONTO

1882

Hon.
H.
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W.
Mr.

Mess

FRE
THO
C. W

FRAN
JOHN

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GEO.

WM.
ED. I

DIRECTORS.

—101—

- HON. JOHN BEVERLEY ROBINSON, *Toronto*, PRESIDENT.
H. M. JACKSON, Esq. *New Square, Lincoln's Inn, London, England*, VICE-PRESIDENT, and CHAIRMAN London Board.
FRED. W. CUMBERLAND, Esq., *Toronto*, MANAGING DIRECTOR.
ANGUS MORRISON, Esq., M.P., *Toronto*.
WM. ELLIOTT, Esq., *President of Board of Trade, Toronto*.
HENRY WHEELER, Esq., *Wandswoth Common, London, England*.
WILLIAM LETHBRIDGE, Esq., *186 Strand, London, E.C., England*.
W. D. ARDAGH, Esq., *Ex-officio, Warden, County of Simcoe*.
Mr. ALDERMAN J. J. VANCE, *Ex-officio, for Corporation of Toronto*.

LONDON AGENCY.

MESSRS. CUTBILL, SON & DE LUNGO, *No. 103 Cannon Street, London, E.C.*

OFFICERS.

- FRED. W. CUMBERLAND, GENERAL MANAGER.
THOMAS HAMILTON, SECRETARY AND ACCOUNTANT.
C. W. MOBERLY, CHIEF ENGINEER.

-
- FRANCIS TUTTON, MECHANICAL SUPERINTENDENT.
JOHN HARVIE, TRAIN AND TRAFFIC MASTER.

CLARKE GAMBLE, Q.C., }
GEO. D'ARCY BOULTON. } SOLICITORS.

WM. GAMBLE, }
ED. B. OSLER, } AUDITORS.

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Northern Railway of Canada.

—:0:—

ANNUAL GENERAL MEETING.

—:0:—

TORONTO, Wednesday, *February 14, 1872.*

The Annual General Meeting of the Proprietors of the Northern Railway Company of Canada, called by advertisement, was held this day, in their offices, Brock Street, at which the following gentlemen, among others, were present: Hon. John B. Robinson; Wm. Elliott, Esq.; Col. R. L. Denison; F. C. Capreol, Esq.; F. W. Cumberland, Esq., M.P.; Alderman Bell; Geo. Davis, Esq., Warden of the County of Simcoe; Geo. D'Arcy Boulton, Esq.; Geo. H. Wyatt, Esq.; John Fiske, Esq.; R. J. Reekie, Esq., of Montreal; Alderman Turner; Robt. Spratt, Esq.; C. W. Moberly, Esq.

The Hon. J. B. Robinson, President of the Company, occupied the Chair, and read the following advertisement calling the meeting:

“NORTHERN RAILWAY OF CANADA.

“Notice is hereby given, that the Annual General Meeting of the Proprietors of this Company will be held in their offices, Brock Street, Toronto, on Wednesday, the 14th day of February, at 12 o'clock noon, to receive the Report of the Directors and the Financial Statements for the past year and to elect Directors for the current year.

“By order,

“THOS. HAMILTON,

“*Secretary.*

“TORONTO, February 1st, 1872.”

Moved by the President, and seconded by Alderman Turner, “That the Report of the Directors, which had just been read by the Managing Director, be adopted.”—*Carried.*

On motion of Robert Spratt, Esq., seconded by R. J. Reekie, Esq., Col. Richard Denison and F. C. Capreol, Esq., were appointed Scrutineers for the election of Directors for the current year.

Moved by Geo. D'Arcy Boulton, Esq., and seconded by John Fiskin, Esq., "That Messrs. William Gamble, and E. B. Osler be re-appointed Auditors of the Company for the present year."—*Carried.*

It was then moved by Mr. Ald. Turner, and seconded by Robert Spratt, Esq., "That a vote of thanks be tendered by the meeting, to the President, Directors and Officers of the Company for the able and efficient manner in which the affairs of the Company have been conducted during the past year."—*Carried.*

It was, at the close of the poll, announced by the Scrutineers that the [following gentlemen had been elected Directors for the current year :

| | |
|--|-----|
| F. W. Cumberland, Esq., M.P., Toronto. | |
| Hon. John B. Robinson, | " |
| William Elliott, Esq., | " |
| Angus Morrison, Esq., M.P., | " |
| Henry Wheeler, Esq., London, England. | |
| Henry M. Jackson, Esq., | " " |
| William Lethbridge, Esq., | " " |

At a subsequent meeting of the Directors the Hon. John B. Robinson was chosen President and Henry M. Jackson, Esq., Vice-President and Chairman of the Board in London.

JOHN B. ROBINSON, *President.*
THO. HAMILTON, *Secretary.*

REPORT OF THE CANADIAN DIRECTORS.

To the Proprietors of the Northern Railway of Canada:

TORONTO, 12th February, 1872.

1. The Canadian Directors have the honor to submit their Report for the year ending 30th December, 1871, with the usual appendices in detailed explanation thereof.

2. The Gross Traffic Receipts for the year have been \$777,498.94 (£159,760 1s. 1d. stg.) as against \$733,567.52 (£150,733 1s. 0d. stg.) in 1870, showing an increase of 5.99 per cent.

3. The ordinary Working Expenses of the year have been \$461,316.44 (£94,791 0s. 11d. stg.) as against \$426,118.61 (£87,558 12s. 4d. stg.) in 1870, giving for the year 1871 a rate on the Gross Traffic Receipts of 59.33 per cent., being an increase of 1.25 per cent. on the rate of 1870, which has arisen entirely from the reconstruction of a considerable proportion of the Box Freight Car Stock.

4. The expenditure upon necessary extensions and additions to works, buildings, rolling stock and general equipment, has amounted to \$138,478.76 (£28,454 10s. 9d. stg.). See Appendix K.

5. The new Elevator at Collingwood has been completed, and was opened for service on the 14th October.

6. The Muskoka Railway was opened to Orillia (22 miles) on the 30th November, and has since been in regular traffic operation to that point. It is expected that the next division of the line to Washago (12 miles), will be opened for traffic about the 1st July.

7. The works of the North Grey Railway are being pushed forward by that Company with energy, and there is every probability that the line will be in operation early in July next.

8. These two companies have entered into an agreement for amalgamation, with a view to more economical administration, and

to a consolidation of their securities, and a Bill is now before the Legislature to give legal effect to that agreement.

In the event of that Bill passing, of which there seems to be no doubt, it is proposed to simplify the relations of the amalgamated corporation with this Company by consolidating the two leases of those lines into one—a measure obviously desirable, and for which, if necessary, it may be well to seek legislative sanction.

F. W. CUMBERLAND, *Managing Director.*
JOHN BEVERLEY ROBINSON, *President.*

NORTHERN RAILWAY OF CANADA.

ANNUAL REPORT, 1871.

F. W. CUMBERLAND, Esq.,

Managing Director N. R. of Canada.

SIR,—We beg to report that we have compared our Annual Audit of the Books and Accounts of the Company, for the year ending 31st December, 1871.

Taking the vouchers, duly certified by heads of departments, as the basis of our audit, we have traced each item to the Cash Book, Journal and Ledger. The cash has been verified monthly, and the balance found to agree with the Cash Book and Ledger; and lastly, we have proved the Bank Account and found it to agree with the Bank Book.

The Accounts Nos. 1 and 2 of the Receipts and Expenditure, together with Balance Sheet herewith enclosed, have been carefully compared with Ledger accounts and found to agree.

In conclusion, we have much pleasure in bearing testimony to the continued efficiency of the Secretary and Accountant's department.

We have the honor to be,

Sir,

Your obedient servants,

WM. GAMBLE, } Auditors,
EDW'D B. OSLER, } N. R. of C.

Office of the Secretary and Accountant, }
Toronto, Feb. 13th, 1872. }

Toronto, 29th January, 1872.

F. W. Cumberland,

Managing Director:

SIR,—I beg to report that I have inspected and audited the Accounts of the Way Stations throughout the Line, monthly, during the year ending 31st December, 1871, and now certify that the same were correct on that date.

I am, Sir,

Your obedient servant,

ADAM ROLPH,
Audit Clerk.

NORTHERN RAILWAY OF CANADA.
ANNUAL REPORT.

F. W. CUMBERLAND, Esq.,

Managing Director N. R. of Canada.

SIR,—The Monthly Departmental Audit and Inspection of the Freight Office—Mr. McDonald, Elevator, Flour Shed and Shipping Departments—Mr. Kerr, Collingwood Station—Mr. Cunningham, have been maintained throughout the year, and I have only further to add, the examination was satisfactory.

I am, Sir,

Your obedient servant,

WM. GAMBLE,

Auditor, N. R. C.

*Office of the Secretary and Accountant, }
Toronto, Feb. 13th, 1872.*

Year 1870

\$ c

172,190
505,180
9,669
2,961
2,628
8,897
908
2,277
524

28,328

\$733,567

1871. To l
Mar. 31 0 0 0 0 0 0 0 0 0 0 B
Jun. 30
Sep. 30
Dec. 30

ED. B. OSLER, } AUDITORS, A. S. of C.

NORTHERN RAILWAY OF CANADA.—(ANNUAL REPORT, 1871.)

(ACCOUNT No. 1.)

Statement of Receipts and Expenditure on Revenue Account for the Year ending 30th December, 1871.

| Year 1870. | RECEIPTS. | 1st Half 1871. | 2nd Half 1871. | Total, 1871. | | Year 1870. | EXPENDITURE. | 1st Half 1871. | 2nd Half 1871. | Total, 1871. | |
|------------|-----------------------------|-------------------|-------------------|--------------|--------------|--------------|---|-------------------|-------------------|--------------|--------------|
| | | | | Currency. | Sterling. | | | | | Currency. | Sterling. |
| \$ c. | | \$ c. | \$ c. | \$ c. | £ s. d. | \$ c. | | \$ c. | \$ c. | \$ c. | £ s. d. |
| | To Local Traffic: | | | | | | | | | | |
| 172,190 96 | Passengers | 83,014 98 | 104,879 13 | 187,894 11 | 38,608 7 7 | 122,221 05 | By Maintaining Roadway..... as per Appendix A..... | 64,930 70 | 57,653 40 | 122,584 10 | 25,188 10 3 |
| 505,180 10 | Freight | 252,780 56 | 272,344 97 | 525,125 53 | 107,902 10 1 | 8,345 93 | " Maintaining Works and Buildings " B..... | 5,399 07 | 12,876 12 | 18,275 19 | 3,755 3 6 |
| 9,669 68 | Mail Service | 4,783 76 | 4,962 10 | 9,745 86 | 2,002 11 6 | 80 133 45 | " Maintaining Machinery and Rolling Stock as per C..... | 45,319 74 | 38,461 03 | 83,780 77 | 17,215 4 6 |
| 2,961 73 | Express Service..... | 1,415 93 | 2 188 18 | 3,604 11 | 740 11 5 | 47,323 59 | " Train Service..... as per Appendix D..... | 24,248 88 | 26,075 48 | 50,324 36 | 10,340 12 5 |
| 2,628 74 | Wharfage | 874 42 | 1,770 38 | 2,644 80 | 543 9 0 | 18,780 09 | " Way Station Service..... " E..... | 9,415 23 | 11,092 90 | 20,508 13 | 4,214 0 0 |
| 8,897 79 | Storage..... | 5,449 35 | 6,549 76 | 11,999 11 | 2,465 11 5 | 30,513 98 | " Terminal Station Service..... " F..... | 15,595 58 | 19,970 78 | 35,566 36 | 7,308 3 1 |
| 908 47 | Booimage | 740 91 | 279 06 | 1,019 97 | 209 11 8 | 64,084 02 | " General Supplies..... " G..... | 33,396 89 | 31,663 49 | 65,060 38 | 13,368 11 5 |
| 2,277 50 | Rents..... | 1,023 22 | 1,176 00 | 2,199 22 | 451 17 11 | 31,660 79 | " Miscellaneous Expenses..... " H..... | 18,102 90 | 20,393 93 | 38,496 83 | 7,910 6 2 |
| 524 08 | Other Sources..... | 383 57 | 327 92 | 711 49 | 146 3 11 | 23,055 71 | " General Charges..... " I..... | 13,152 03 | 13,568 29 | 26,720 32 | 5,490 9 7 |
| | To Through Traffic: | | | | | | Total Working Expenses..... | 229,561 02 | 231,755 42 | 461,316 44 | 94,791 0 11 |
| 28,328 47 | Freight..... | 13,975 06 | 18,579 68 | 32,554 74 | 6,689 6 7 | 426,118 61 | Extensions and additions to Works, Buildings and Equipments..... as per Appendix K..... | 46,927 25 | 91,551 51 | 138,478 76 | 28,454 10 9 |
| | | | | | | 136,248 03 | Total Revenue Expenditure on all Services..... | 276,488 27 | 323,306 93 | 599,795 20 | 123,245 11 8 |
| | | | | | | 562,366 64 | Balance carried to Net Revenue Account, No. 2..... | 87,953 49 | 89,750 25 | 177,703 74 | 36,514 9 5 |
| | | | | | | 171,200 88 | | | | | |
| | Total Traffic Receipts..... | \$364,441 76 | \$413,057 18 | \$777,498 94 | £159,760 1 1 | \$733,567 52 | | \$364,441 76 | \$413,057 18 | \$777,498 94 | £159,760 1 1 |

Examined and found correct,

WM. GAMBLE, }
ED. B. OSLER, } Auditors, N. R. of C.

To
1871.
Mar. 31 O O O O O O O O O O B
 Jun. 30 O O O O O O O O O O B
 Sep. 30 O O O O O O O O O O B
 Dec. 30 O O O O O O O O O O B

| Statement of the | |
|--|---------------------|
| Assets and Liabilities | |
| of the Northern Railway of Canada | |
| for the year ending 31st December 1871 | |
| Assets | Liabilities |
| Capital paid up | Capital paid up |
| Reserve fund | Reserve fund |
| Surplus | Surplus |
| Deposits | Deposits |
| Accounts receivable | Accounts receivable |
| Accounts payable | Accounts payable |
| Prepaid expenses | Prepaid expenses |
| Unpaid expenses | Unpaid expenses |
| Unpaid interest | Unpaid interest |
| Unpaid dividends | Unpaid dividends |
| Unpaid taxes | Unpaid taxes |
| Unpaid salaries | Unpaid salaries |
| Unpaid wages | Unpaid wages |
| Unpaid freight | Unpaid freight |
| Unpaid other | Unpaid other |
| Total | Total |

NORTHERN RAILWAY OF CANADA.
 ANNUAL REPORT, 1871.

[ACCOUNT No. 2.]

NORTHERN RAILWAY OF CANADA.
ANNUAL REPORT, 1871.

[ACCOUNT No. 2.]

Net Revenue Account for Year ending 30th December, 1871.

| | | CURRENCY. | | STERLING. | | | | | CURRENCY. | | STERLING. | | |
|---------|---|-----------|----|-----------|----|----|--|--|-----------|----|-----------|----|----|
| | | \$ | c. | £ | s. | d. | | | \$ | c. | £ | s. | d. |
| 1871. | To Interest dividends as follows | | | | | | | | | | | | |
| Mar. 31 | On 3d Pref. Bonds, A., half-year ending this date.... | 6,292 | 60 | 1,293 | 0 | 0 | | | 9,135 | 31 | 1,877 | 2 | 4 |
| | On 3d Pref. Bonds B., half-year ending this date.... | 4,277 | 80 | 879 | 0 | 0 | | | 3,769 | 24 | 774 | 10 | 0 |
| Jun. 30 | On 1st Pref. Bonds, half-year ending this date.... | 36,500 | 00 | 7,500 | 0 | 0 | | | | | | | |
| | On 2d Pref. Bonds, half-year ending this date.... | 41,449 | 40 | 8,517 | 0 | 0 | | | 219 | 77 | 45 | 3 | 2 |
| Sep. 30 | On 3d Pref. Bonds A., half-year ending this date.... | 6,978 | 80 | 1,434 | 0 | 0 | | | 87,953 | 49 | 18,072 | 12 | 9 |
| | On 3d Pref. Bonds B., half-year ending this date.... | 4,321 | 60 | 888 | 0 | 0 | | | 401 | 49 | 82 | 9 | 11 |
| Dec. 30 | On 1st Pref. Bonds, half-year ending this date | 36,500 | 00 | 7,500 | 0 | 0 | | | | | | | |
| | On 2d Pref. Bonds, half-year ending this date.... | 41,449 | 40 | 8,517 | 0 | 0 | | | 383 | 08 | 78 | 14 | 4 |
| | On 3d Pref. Bonds A., half-year ending 31 Mar. 1872 | 7,300 | 00 | 1,500 | 0 | 0 | | | 89,750 | 25 | 18,441 | 16 | 8 |
| | On 3d Pref. Bonds B., half-year ending 31 Mar. 1872 | 4,321 | 60 | 888 | 0 | 0 | | | | | | | |
| | Balance at credit of Revenue Account | 2,221 | 43 | 456 | 9 | 2 | | | | | | | |
| | | \$191,612 | 63 | £39,372 | 9 | 2 | | | \$191,612 | 63 | £39,372 | 9 | 2 |
| | | | | | | | | | 2,221 | 43 | 456 | 9 | 2 |

Examined and found correct,

WM. GAMBLE, }
ED. B. OSLER, } *Auditors, N. R. of C.*

NORTHERN RAILWAY OF CANADA.

ANNUAL REPORT.

ACCOUNT NO. 3.

Balance Sheet for 30th December, 1871.

| | | | |
|----------------------------------|----------------|------------------------------------|----------------|
| Capital Account, (old)..... | \$4,595,120 48 | First Pref. Bonds..... | \$1,216,666 66 |
| Works of Restoration.. | 870,289 42 | Second "..... | 1,381,646 68 |
| Cash on hand..... | 56 09 | Third " A..... | 243,333 32 |
| Bank of Toronto..... | 2,991 38 | " " B.. | 144,053 35 |
| London and Westminster Bank..... | 159,443 56 | Government Lien..... | 2,311,666 67 |
| Board of Directors, London..... | 16,303 33 | Interest, Arrears, Debentures..... | 385,774 15 |
| Station Masters..... | 13,369 02 | Debentures not entitled | 48,189 21 |
| Bills Receivable..... | 2,181 29 | Revenue Account..... | 2,221 43 |
| Stores on hand..... | 37,939 45 | Interest on 1st Pref. Bonds..... | 72,351 89 |
| Fuel "..... | 11,222 02 | " 2nd "..... | 59,875 06 |
| All other Accounts..... | 445,970 63 | " 3rd " A..... | 10,833 21 |
| | | " 3rd " B..... | 8,132 20 |
| | | Bills Payable..... | 154,874 61 |
| | | Outstanding Wages..... | 318 40 |
| | | All other Accounts..... | 114,949 83 |
| | | | |
| | \$6,154,836 67 | | \$6,154,886 67 |

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35,58
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APPENDIX A.

Maintaining Roadway.

| Year 1870. | DETAIL OF SERVICE. | 1st Half 1871. | 2nd Half 1871. | Total 1871. |
|---------------|--|-------------------|-------------------|----------------|
| \$ c | | \$ c. | \$ c. | \$ c. |
| 35,586 31 | Track labor, including Road Masters' Salaries..... | 19,526 26 | 22,480 12 | 42,006 38 |
| 49,620 57 | Track Iron (Rails new and re-rolled)..... | 22,197 40 | 17,975 81 | 40,173 21 |
| 18,677 09 | Track Chairs, Spikes and other Track Supplies.... | 10,942 65 | 8,875 45 | 19,818 10 |
| 8,911 09 | Ties..... | 5,503 95 | 2,599 65 | 8,103 60 |
| 7,534 98 | Ballasting..... | 5,604 76 | 4,381 27 | 9,986 03 |
| 1,891 01 | Fences, Gates, Crossings, Cattle Guards and Sign Boards..... | 1,155 68 | 1,341 10 | 2,496 78 |
| 122,221 05 | | 64,930 70 | 57,653 40 | 122,584 10 |
| 17.81 | Percentage on Gross Receipts | | | 15.76 |

APPENDIX B.

Maintaining Works and Buildings.

| Year 1870. | DETAIL OF SERVICE. | 1st Half 1871. | 2nd Half 1871. | Total 1871. |
|---------------|---|-------------------|-------------------|----------------|
| \$ c. | | \$ c. | \$ c. | \$ c. |
| 2,911 43 | Repairs of Bridges and Cul- verts..... | 812 78 | 2,046 10 | 2,858 88 |
| 712 98 | Repairs of Buildings..... | 2,663 11 | 5,834 66 | 8,497 77 |
| 2,285 91 | “ Wharves..... | 743 88 | 150 51 | 894 39 |
| 779 39 | “ Turntables and Track Scales..... | 171 86 | 80 52 | 252 38 |
| 1,013 49 | Repairs of Tankhouses.Pipes and Appurtenances..... | 522 83 | 4,313 55 | 4 836 38 |
| ,642 73 | Repairs of Cribs and Booms | 484 61 | 450 78 | 935 39 |
| 8,345 93 | | 5,399 07 | 12,876 12 | 18,275 19 |
| 1.13 | Percentage on Gross Receipts | | | 2.35 |

APPENDIX C.

Maintaining Machinery and Rolling Stock.

| Year 1870. | DETAIL OF SERVICE. | 1st Half 1871. | 2nd Half 1871. | Total 1871. |
|---------------|--|-------------------|-------------------|----------------|
| \$ c | | \$ c. | \$ c. | \$ c. |
| 36,804 41 | Repairs Locomotive Engines and Tenders | 17,781 97 | 15,882 49 | 33,664 46 |
| 3,216 12 | Repairs Stationery Engines. " Tools, Fixed and | 1,350 13 | 1,348 88 | 2,699 01 |
| 4,929 66 | Shop Machinery | 2,691 23 | 2,793 80 | 5,485 03 |
| 1,120 78 | Repairs Elevator Machinery " Passenger and Bag- | 324 11 | 612 44 | 936 55 |
| 8,671 60 | gage Cars | 3,917 39 | 5,509 23 | 9,426 62 |
| 25,390 87 | Repairs Freight and all other Cars | 19,254 91 | 12,314 19 | 31,569 10 |
| 80,133 45 | | 45,319 74 | 38,461 03 | 83,780 77 |
| 10.92 | Percentage on Gross Receipts | | | 10.77 |

| Year 1870. |
|---------------|
| \$ c |
| 8,957 30 |
| 4,271 00 |
| 1,421 47 |
| 740 91 |
| 2,609 18 |
| 780 14 |
| 18,780 08 |
| 2.56 |

APPENDIX D.

Train Service.

| Year 1870. | DETAIL OF SERVICE. | 1st Half 1871. | 2nd Half 1871. | Total 1871. |
|---------------|---|-------------------|-------------------|----------------|
| \$ c | | \$ c. | \$ c. | \$ c. |
| 25,208 85 | Engine Drivers, Firemen and Cleaners | 12,909 52 | 15,185 43 | 28,094 95 |
| 19,279 76 | Conductors, Baggage and Brakemen | 9,959 55 | 9,935 79 | 19,895 34 |
| 361 78 | Train Labor | 147 74 | | 147 74 |
| 2,473 20 | " Supplies | 1,232 07 | 954 26 | 2,186 33 |
| 47,323 59 | | 24,248 88 | 26,075 48 | 50,324 36 |
| 6.45 | Percentage on Gross Receipts | | | 6.47 |

| Year 1870. |
|---------------|
| \$ c. |
| 8,253 09 |
| 8,157 49 |
| 5,228 48 |
| 8,874 92 |
| 30,513 98 |
| 4.16 |

APPENDIX E.

Way Station Service.

| Year 1870. | DETAIL OF SERVICE. | 1st half 1871. | 2nd half 1871. | Total 1871. |
|---------------|------------------------------------|-------------------|-------------------|----------------|
| \$ c. | | | | \$ c. |
| 8,957 30 | Station Masters | 4,566 79 | 4,876 53 | 9,443 32 |
| 4,271 05 | “ Switchmen | 2,460 75 | 2,565 50 | 5,026 25 |
| 1,421 47 | “ Pumpers & Woodmen | 762 50 | 944 35 | 1,706 85 |
| 740 95 | “ Telegraph Service | 524 00 | 676 62 | 1,200 62 |
| 2,609 18 | “ Supplies & Scrubbing | 715 09 | 1,681 85 | 2,396 94 |
| 780 14 | “ Freight Labor | 386 10 | 348 05 | 734 15 |
| 18,780 09 | | 9,415 23 | 11,092 90 | 20,508 13 |
| 2.56 | Percentage on Gross Receipts | | | 2.63 |

APPENDIX F.

Terminal Station Service.

| Year 1870. | DETAIL OF SERVICE. | 1st half 1871. | 2nd half 1871. | Total 1871. |
|---------------|--|-------------------|-------------------|----------------|
| \$ c. | | \$ c. | \$ c. | \$ c. |
| 8,253 09 | Traffic and Yard Service, To- ronto | 4,113 64 | 5,126 24 | 9,239 88 |
| 8,157 49 | Local Freight Department | 4,034 96 | 5,195 86 | 9,230 82 |
| 5,228 48 | Shipping Department | 3,107 74 | 3,558 68 | 6,666 42 |
| 8,874 92 | Terminal Station Service, Collingwood | 4,339 24 | 6,090 00 | 10,429 24 |
| 30,513 98 | | 15,595 58 | 19,970 78 | 35,566 36 |
| 4.16 | Percentage on Gross Receipts | | | 4.57 |

APPENDIX G.

General Supplies.

| Year 1870. | DETAIL OF SERVICE. | 1st half 1871. | 2nd half 1871. | Total 1871. |
|---------------|--|-------------------|-------------------|----------------|
| \$ c. | | | \$ c. | \$ c. |
| 7,044 56 | Oil and Waste | 3,796 54 | 3,845 46 | 7,642 00 |
| 33,167 54 | Fuel Purchase | 18,963 20 | 18,053 24 | 37,016 44 |
| 7,413 48 | Fuel, Cutting and Piling.... | 3,894 26 | 3,274 68 | 7,168 94 |
| 1,900 54 | “ Extra Labor | 187 91 | 218 22 | 406 13 |
| 4,951 85 | “ Train Service | 2,144 93 | 1,167 00 | 3,311 93 |
| 6,089 95 | Stationery, Printing and Ad- vertising | 2,749 41 | 3,277 16 | 6,026 57 |
| 1,068 50 | Supplies, Head Office, inclu- ding Gas, Water and Fuel. | 413 22 | 913 78 | 1,327 00 |
| 2,447 60 | Storekeeper's Department ... | 1,247 42 | 913 95 | 2,161 37 |
| 64,084 02 | | 33,396 89 | 31,663 49 | 65,060 38 |
| 8.73 | Percentage on Gross Receipts | | | 8.37 |

APPENDIX H.

Miscellaneous Expenses.

| Year, 1870. | DETAIL OF SERVICE. | 1st half 1871. | 2nd half 1871. | Total 1871. |
|----------------|--|-------------------|-------------------|----------------|
| \$ c. | | | | |
| 6,394 83 | Real Estate, Taxes on | 3,171 00 | 4111 93 | 7282 93 |
| 3,053 95 | Legal Expenses | 1,176 00 | 1060 50 | 2236 50 |
| 612 96 | Damages on Traffic Account. “ on Accident and casualties | 672 06 | 1179 47 | 1851 53 |
| 1,044 30 | Insurance, Buildings and Freight | 1,133 19 | 917 56 | 2050 75 |
| 9,030 77 | Insurance, Accident and Guarantee | 4,100 00 | 5071 57 | 9171 57 |
| 2,148 30 | Interest and Discount | 1,440 00 | 240 00 | 1680 00 |
| 3,961 39 | Postage and Telegraphs | 4,569 97 | 4519 96 | 9089 93 |
| 503 11 | Contingencies | 243 60 | 258 92 | 502 52 |
| 4,911 18 | | 1,597 08 | 3034 02 | 4631 10 |
| 31,660 79 | | 18,102 90 | 20393 93 | 38,496 83 |
| 4.31 | Percentage on Gross Receipts | | | 4.95 |

Year
1870.

\$ c.

9,516 6

2,433 3

6,149 9

1,220 0

3,059 9

675 8

23,055 7

3.14

Extensio

DE

New Works
dix L.....
New Machi
per Apper
New Genera
Government
charges, a

APPENDIX I.

General Charges.

| Year 1870. | DETAIL OF SERVICE. | 1st Half 1871. | 2nd Half 1871. | Total 1871. |
|---------------|--|-------------------|-------------------|----------------|
| \$ c. | | \$ c. | \$ c. | \$ c. |
| 9,516 65 | Toronto Direction and Man- agement..... | 5,001 62 | 5,001 62 | 10,003 24 |
| 2,433 35 | London Direction and Agency Secretary and Accountant, Audit, Pay, & Traffic Clerks, Messengers..... | 1,216 66 | 1,216 66 | 2,433 32 |
| 6,149 98 | Messengers..... | 3,431 98 | 3,247 98 | 6,679 96 |
| 1,220 00 | Auditors..... | 610 00 | 610 00 | 1,220 00 |
| 3,059 90 | Travelling Expenses..... | 2,095 41 | 3,123 14 | 5,218 55 |
| 675 83 | Exchange on London..... | 796 36 | 368 89 | 1,165 25 |
| 23,055 71 | | 13,152 03 | 13,568 29 | 26,720 32 |
| 3.14 | Per centage on Gross Receipts..... | | | 3.43 |

APPENDIX K.

**Extension Services in New Works and Buildings, New
Rolling Stock and other Equipments.**

| DETAIL OF SERVICE. | 1st Half 1871. | 2nd Half 1871. | Total 1871. |
|---|-------------------|-------------------|----------------|
| | \$ c. | \$ c. | \$ c. |
| New Works and Buildings, as per Appen- dix L..... | 27,287 06 | 55,588 96 | 82,876 02 |
| New Machinery and Rolling Stock, as per Appendix M..... | 13,364 15 | 27,188 21 | 40,552 36 |
| New General Outfit, as per Appendix N... Government and other exceptional charges, as per Appendix O..... | 2,568 29 | 5,596 84 | 8,165 13 |
| | 3,707 75 | 3,177 50 | 6,885 25 |
| Totals..... | 46,927 25 | 91,551 51 | 138,478 76 |

APPENDIX L.

New Works and Buildings.

| Year 1870. | DETAIL OF SERVICE. | 1st Half 1871. | 2nd Half 1871. | Total 1871. |
|---------------|--|-------------------|-------------------|----------------|
| \$ c. | | \$ c. | \$ c. | \$ c. |
| 243 16 | New Bridges and Culverts..... | 104 46 | 490 45 | 594 91 |
| 25,109 40 | “ Buildings..... | 8,849 74 | 23,753 61 | 32,603 35 |
| | “ Wharves..... | 6,842 69 | | 6,842 69 |
| 1,848 41 | “ Turntables and Track-Scales | | | |
| | “ Tankhouses, Pipes, and Ap- purtenances..... | | 716 18 | 716 18 |
| 1,010 65 | “ Cribs and Booms | 2,985 30 | | 2,985 30 |
| | “ Clearing and Grading Station | | | |
| 9,586 39 | Yards and Right of Way... | 4,839 79 | 13,323 21 | 18,163 00 |
| | “ Crossings, Cattle Guards and | | | |
| 267 26 | Signboards..... | 6 00 | 259 32 | 265 32 |
| 5,199 86 | “ Fences and Gates, Main Line | 1,754 17 | 1,579 81 | 3,333 98 |
| | “ Fences and Gates, Terminal | | | |
| 1,136 85 | Stations..... | 1 50 | | 1 50 |
| | “ Fences and Gates, Way | | | |
| 1,331 45 | Stations..... | 144 09 | 1,009 40 | 1,153 49 |
| 20,637 28 | “ Extension of track and sidings | 1,759 32 | 14,456 98 | 16,216 30 |
| 66,370 71 | | 27,287 06 | 55,588 96 | 82,876 02 |

APPENDIX M.

New Machinery and Rolling Stock.

| Year 1870. | DETAIL OF SERVICE. | 1st Half 1871. | 2nd Half 1871. | Total 1871. |
|---------------|--------------------------------|-------------------|-------------------|----------------|
| \$ c. | | \$ c. | \$ c. | \$ c. |
| 17,115 06 | New Locomotive Engines and | | | |
| | Tenders..... | 5,017 66 | 6,446 16 | 11,463 82 |
| 69 86 | New Stationary Engines..... | | 28 55 | 28 55 |
| 2,014 16 | New Tools, Fixed and Shop | | | |
| | Machinery..... | 1,570 98 | 1,071 95 | 2,642 93 |
| 1,314 16 | New Elevator Machinery..... | | 382 57 | 382 57 |
| | New Passenger and Baggage | | | |
| 3,096 22 | Cars..... | | 8 98 | 8 98 |
| 34,207 64 | New Freight and all other Cars | 6,775 51 | 19,250 00 | 26,025 51 |
| 57,844 62 | | 13,364 15 | 27,188 21 | 40,552 36 |

APPENDIX N.

New General Outfit.

| Year 1870. | DETAIL OF SERVICE. | 1st Half 1871. | 2nd Half 1871. | Total 1871. |
|---------------|--|-------------------|-------------------|----------------|
| \$ c. | | \$ c. | \$ c. | \$ c. |
| 3,202 70 | New and Additional Outfit, Terminal Stations..... | 256 50 | 862 80 | 1,119 30 |
| 1,011 53 | New and Additional Outfit, Way Stations..... | 104 50 | 2,193 70 | 2,298 20 |
| 686 32 | New and Additional Outfit, Head Office..... | 28 69 | 1,910 74 | 1,939 43 |
| 344 90 | New Real Estate, Purchase of | 2,178 60 | 629 60 | 2,808 20 |
| 5,245 45 | | 2,568 29 | 5,596 84 | 8,165 13 |

APPENDIX O.

Government and other Exceptional Charges.

| Year 1870. | DETAIL OF SERVICE. | 1st Half 1871. | 2nd Half 1871. | Total 1871. |
|---------------|-----------------------------|-------------------|-------------------|----------------|
| \$ c. | | \$ c. | \$ c. | \$ c. |
| 475 00 | Railway Inspection Expenses | 237 50 | 237 50 | 475 00 |
| 410 00 | Parliamentary Expenses..... | 520 25 | ... | 520 25 |
| 5,902 25 | Agencies and Commissions... | 2,950 00 | 2,940 00 | 5,890 00 |
| 6,787 25 | | 3,707 75 | 3,177 50 | 6,885 25 |

NORTHERN RAILWAY OF CANADA.
ENGINEER'S DEPARTMENT.
APPENDIX P.

**Detail of New Works and Buildings executed in year
ending 30th December, 1871.**

TERMINAL STATIONS :

| | | | |
|---|----------|------------|--|
| Grain Elevator..... | Toronto, | \$7,604 44 | |
| Addition to Head Offices..... | " | 5,914 68 | |
| Flour Shed..... | " | 2,536 91 | |
| Addition to Blacksmith Shop..... | " | 190 04 | |
| Transfer Freight House..... | " | 499 46 | |
| Ice House..... | " | 487 00 | |
| Car and Paint Shop (Corrugated Iron)... | " | 10,270 04 | |
| Engine House..... | " | 927 65 | |
| Oil House (Corrugated Iron)..... | " | 203 52 | |
| Addition to Local Freight House..... | " | 2,806 00 | |

31,439 74

WAY STATIONS :

Passenger Stations :

| | | |
|---|----------|--|
| Addition to Passenger Station, Holland Landing, | 898 06 | |
| Passenger and Freight House combined, Barrie... | 7,873 06 | |

8,771 12

Freight Houses :

| | | |
|-----------------------------|--------|--|
| Freight House, Washago..... | 586 45 | |
|-----------------------------|--------|--|

586 45

Employees' Dwellings :

| | | |
|--|----------|--|
| Track Foreman and Switchman's Houses, King.. | 1,011 84 | |
| " " " Bradford, | 912 34 | |
| Roadmaster's Cottage, Aurora | 906 05 | |
| Trackman's Cottage, 64th mile | 718 12 | |
| " " Bâtteaux..... | 218 97 | |

3,767 32

| | | |
|-----------------------------|----------|--|
| Turntable Roof, Lefroy..... | 1,038 72 | |
|-----------------------------|----------|--|

1,038 72

\$45,603 35

Chargeable to 1872.....

13,000 00

\$32,603 35

NEW BRIDGES AND CULVERTS :

| | | |
|---|--------|--|
| 2 Timber Culverts, Holland Landing, & 40½ mile, | 104 46 | |
| Box Drain, Bayfield St., Barrie..... | 490 45 | |

594 91

NEW WHARVES :

| | | |
|-------------------------------------|----------|--|
| Addition to Wharf, Collingwood..... | 6,842 69 | |
|-------------------------------------|----------|--|

6,842 69

NEW CRIBS AND BOOMS :

| | | |
|--------------------------|----------|--|
| Boom Cribs, Toronto..... | 105 78 | |
| " Collingwood..... | 2,879 52 | |

2,985 30

NEW TANKHOUSES, PIPES AND APPURTENANCES :

| | | |
|---------------------------|--------|--------|
| 2 Wind Engine Pumps | 716 18 | |
| | | 716 18 |

CLEARING AND GRADING STATION YARDS AND RIGHT OF WAY :

| | | |
|-----------------------------|-----------|-----------|
| Station Yard, Toronto | 4,838 46 | |
| “ “ Richmond Hill | 18 25 | |
| “ “ King | 790 85 | |
| “ “ Aurora | 22 00 | |
| “ “ Newmarket | 27 35 | |
| “ “ Holland Landing | 16 04 | |
| “ “ Bradford | 400 00 | |
| “ “ Lefroy | 12 88 | |
| “ “ Bell Ewart | 18 87 | |
| “ “ Allandale | 27 12 | |
| “ “ Barrie | 11,325 73 | |
| “ “ Essa | 300 00 | |
| “ “ New Lowell | 28 00 | |
| “ “ Collingwood | 145 00 | |
| Right of Way | 192 45 | |
| | | 18,163 00 |

NEW CROSSINGS, CATTLE GUARDS AND SIGN BOARDS :

| | | |
|--|--------|--------|
| 3 Cattle Guards on Sections Nos. 7, 10, 23 | 150 18 | |
| Crossings Toronto Yard and Nottawasaga Town Line | 115 14 | |
| | | 265 32 |

NEW FENCES AND GATES :

Main Line :

| | | |
|--|----------|----------|
| 6.81 Miles Single Post and Board Fence | 3,333 98 | |
| | | 3,333 98 |
| Terminal Stations | 1 50 | |
| | | 1 50 |
| Way “ | 1,153 49 | |
| | | 1,153 49 |

EXTENSION OF TRACK AND SIDINGS :

| | | |
|--|-----------|-----------|
| Extension of Yard Tracks, Toronto | | |
| Gravel Pit Siding, Richmond Hill | | |
| McGee's Mill Siding, near King | | |
| Thompson Smith's Mill Siding, Bradford | | |
| Extension of Yard Sidings, Barrie | | |
| Yale & Co.'s Mill Siding, Pine Plains | | |
| Smith & Dobbie's “ “ “ | | |
| Extension of Yard Sidings, New Lowell | | |
| Extension of Elevator Tracks, Collingwood | | |
| Total Extension of Sidings, 1871, 3.16 miles | 16,216 30 | |
| | | 16,216 30 |

| | |
|---|-------------|
| Total Cost New Works and Buildings, 1871, | \$82,876 02 |
|---|-------------|

C. W. MOBERLY,
Chief Engineer.

NORTHERN RAILWAY OF CANADA.
ENGINEER'S DEPARTMENT.

APPENDIX Q.

Characteristics of Railway Year, 1871,

| LENGTH OF TRACK LAID IN T IRON. | | |
|--|-------------|--------|
| Main Line. { From East side of East Market Street, Toronto, to South } { side of Huron Street, Collingwood..... | 94.96 | |
| Bell Ewart Branch..... | 1.34 | |
| Barrie "..... | 1.23 | |
| Station Yard Sidings..... | 22.57 | Miles. |
| Mill and Storehouse Sidings..... | 4.56 | 124.66 |
| Previously returned..... | | 121.50 |
| Increase..... | | 3.16 |
| Average Weight of Rail per yard..... | 58 lbs. | |
| Minimum Radius of Curvature..... | 1,432 feet. | |
| Maximum Grade per Mile going North..... | 60 " | |
| " " " South..... | 52 80 " | |
| Number of Regular Stations including Termini..... | 19 | |
| " Flag Stations..... | 4 | |
| " Telegraph Stations..... | 20 | |
| " Engine Houses..... | 4 | |
| " Stalls for Engines..... | 17 | |
| " Machine Shop, Toronto..... | 1 | |
| " Blacksmith Shops..... | 3 | |
| " Carpenter Shops..... | 3 | |
| " Car Repair Shops, Corrugated Iron..... | 1 | |
| " Tool Houses..... | 25 | |
| " Turn-table Roofs, Lefroy and Collingwood..... | 2 | |
| " Flour Sheds..... | 3 | |
| " Store Sheds—Lefroy and Toronto..... | 2 | |
| " Watchmen's Houses..... | 2 | |
| " Oil Houses..... | 10 | |
| " Tank Houses—7 Brick, 8 Frame..... | 15 | |
| " Weigh Scale Roofs..... | 4 | |
| " Ice Houses—Toronto, Allandale & Collingwood..... | 3 | |
| " Elevators—3 Through and 1 Local..... | 4 | |
| " General Offices, Toronto..... | 1 | |
| " Boarding Houses for Company's Employees..... | 3 | |
| " Hotels—Toronto and Collingwood..... | 2 | |
| " Station Houses and Dwellings attached..... | 5 | |
| " Turn-tables..... | 4 | |
| " Track and Storekeeper's Scales..... | 4 | |
| " Fire Engines..... | 3 | |
| " Sawing Machines..... | 2 | |
| HOUSES FOR EMPLOYEES: | | |
| " Station Agents..... | 12 | |
| " Switchmen..... | 7 | |
| " Trackmen, &c..... | 35 | |
| | 54 | |
| WAY STATIONS: | | |
| " Fed by Springs..... | 5 | |
| " Supplied by Pumps..... | 10 | |
| | 15 | |
| Wood Sheds (average capacity 600 cords)..... | 6 | |
| Freight Houses 100 feet in length and over..... | 12 | |
| " " " under 100 feet in length..... | 6 | |
| " " " Partially fitted up as Grain Stores..... | 18 | |
| | 14 | |
| AVERAGE NUMBER OF EMPLOYEES: | | |
| Engineer's Department..... | 218 | |
| Locomotive "..... | 174 | |
| Traffic "..... | 176 | |
| General Offices..... | 18 | |

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NORTHERN RAILWAY OF CANADA.
MECHANICAL DEPARTMENT.

APPENDIX R.

Statement of Repairs done, and Present Condition of Locomotive Engines at 30th December, 1871.

| No. of Engine. | REMARKS. |
|----------------------|---|
| 1 | Had the ordinary repairs, is in good order. |
| 2 | " a general repair, requires new tires, will then be in good order. |
| 3 | " " " now in first-class order. |
| 4 | In shop for a complete repair. |
| 5 | In good working order, had the usual repairs. |
| 6 | Had a general repair, now in first-class order. |
| 7 | In shop for a new crank, in fair order. |
| 8 | " " thorough overhaul of machinery and boiler. |
| 9 | " " running repair, |
| 10 | In first-class order, had the usual repairs. |
| 11 | " fair order, " " |
| 12 | " good order, now in shop for a new cylinder. |
| 13 | " first-class order, after a complete repair. |
| 14 | " " " " thorough " " |
| 15 | " fair order, had the usual repairs. |
| 16 | " first-class order, after a thorough repair. |
| 17 | " good order, had the usual repairs. |
| 18 | " fair " " " |
| 19 | " first-class order, had a general repair. |
| 20 | " " " " " |
| 21 | " " " slight repair. |
| 22 | New " Freight Engine. |
| 23 | In good order, had ordinary repairs. |
| 24 | " fair " " " |

NOTE.—All boilers not having been thoroughly overhauled and tested in 1870 have been tested with hydraulic pressure to 180 lbs. per square inch, 125 lbs. being the working pressure.

NORTHERN RAILWAY OF CANADA.
MECHANICAL DEPARTMENT.

APPENDIX S.

Statement of the Number and Condition of Rolling Stock, &c., at 30th December, 1871.

| TOTAL No. IN 1870. | DESCRIPTION. | TOTAL No. IN 1871. | REMARKS. |
|--------------------------|------------------------------|--------------------------|---|
| 18 | First Class Passenger Cars.. | 18 | All in good order, 7 have been repainted and varnished. |
| | Second Class or Smoking... | 3 | Re-built from old stock, in good order |
| 3 | Mail and Smoking | 3 | Have been painted and varnished, with the usual repairs. |
| 4 | Baggage and Express..... | 3 | In good order, one has been taken for a wrecking car. |
| 1 | Wrecking Car | 1 | Old baggage car fitted up. |
| 2 | Boarding Cars..... | 3 | In good order, one fitted up from an old Conductor's car. |
| 3 | Long Conductor's Cars..... | ... | 2 of these were fitted up for Smoking Cars, and 1 for a Woodmen's Van. |
| 6 | Short Do. | 12 | 6 were built new, and 6 are in good order. |
| 8 | Cattle Cars..... | 8 | In good order. |
| 145 | Box Freight Cars..... | 165 | 20 were built new, and added to stock; 44 have been re-built as new cars; 77 are in good order; and 24 require heavy repairs. |
| 410 | Long Platform Cars..... | 411 | 395 are in good order; 11 have been re-built; 1 constructed from a grain car, and 4 require heavy repairs. |
| 4 | Short Do. | 4 | Require to be rebuilt. |
| | Dump Cars..... | 40 | New built and added to stock. |
| 3 | Fire Engines..... | 3 | In good order, 1 at Toronto, 1 at Lefroy, and 1 at Collingwood. |
| 2 | Wood Sawing Engines | 2 | 1 requires a new boiler, the other is in fair order. |
| 3 | Grain Elevator do. | 4 | 1 new, at New Elevator, Collingwood, 1 at Toronto, new in 1870, the other 2 are in good order. |
| 1 | Shop Engine | 1 | Has been supplied with a new boiler, now in good order. |

NORTHERN RAILWAY OF CANADA.
MECHANICAL DEPARTMENT.

APPENDIX U.

**Statement of the total cost (per train mile), of running
and repairing Cars for year ending 30th December,
1871,**

| MONTH. | Train Miles. | Cost of Wages Repairing. | Cost of Stores Running and Repairing. | Total Cost of working and Repairing. |
|-----------------------------|-----------------|--------------------------------|---|---|
| January | 28.701 | 5.55 | 7.37 | 12.92 |
| February | 29.913 | 5.96 | 7.39 | 13.35 |
| March | 34.045 | 6.15 | 7.53 | 13.68 |
| April | 39.317 | 4.56 | 4.55 | 9.11 |
| May | 49.211 | 4.45 | 3.68 | 8.13 |
| June | 48.860 | 3.56 | 2.70 | 5.26 |
| July | 46.000 | 3.16 | 2.39 | 5.55 |
| August | 42.393 | 4.07 | 3.93 | 8.00 |
| September | 42.543 | 4.07 | 6.09 | 10.16 |
| October | 42.830 | 3.48 | 3.29 | 6.77 |
| November | 47.108 | 3.18 | 1.88 | 5.06 |
| December | 35.865 | 3.53 | 3.80 | 7.33 |
| Totals | 486.786 | 51.72 | 54.60 | 106.32 |
| Average for 12 Months | 40.565 | 4.31 | 4.55 | 8.86 |

Cost (per Train Mile), Running and Repairing, in 1871.....8.86

" " " " " " 1870.....7.60

Increase, 1871.....1.26