No. 35.

1997 HE 2810

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Great Western Railway of Canada.

### REPORT

OF

### THE DIRECTORS

OF THE

# Great Mestern Railway of Canada,

FOR THE

HALF-YEAR ENDING 31st JULY, 1871;

WITH

#### STATEMENTS OF ACCOUNTS,

&c., &c., &c.;

To be submitted to a Meeting of Shareholders to be held in London on Wednesday, 18th October, 1871.

#### LONDON:

WATERLOW AND SONS, PRINTERS, CARPENTERS' HALL, LONDON WALL.

GREAT WESTERN RAILWAY OF CANADA.—NOTICE IS HEREBY GIVEN, that the HALF-YEARLY MEETING of Shareholders is appointed to be held on WEDNESDAY, 18th October, 1871, at the London Tavern, Bishopsgate Street, London, England, at Twelve o'clock Noon precisely, for the purpose of submitting a Report and General Statement of Accounts for the half-year ending 31st July Jast, for the purpose of electing four Directors and three Auditors, and for the transaction of other business.

And Notice is also hereby given, that the said Meeting will be made SPECIAL for the purpose of obtaining the consent of the Shareholders to the agreement entered into by the Directors with the Michigan Central Railroad Company, for the division of through traffic, and for the purpose of sanctioning, by vote of the Shareholders, the several agreements entered into with the Detroit Hillsdale and Indiana Railroad Company, and the Port Huron and Lake Michigan Railroad Company, and the Detroit Eel River and Illinois Railroad Company, for promoting traffic therewith, and further to authorise the subscription of Stock in the Detroit River Tunnel Company.

And Notice is further given, that the Books kept at the office in Hamilton, Canada, for the Registration of Shares and Preference Stock will be closed on and from 4th October to the day of meeting, both days inclusive, and transfers cannot be received between those dates.—By order,

BRACKSTONE BAKER, Secretary.

126, Gresham House, Old Broad Street, London, E.C., 30th August, 1871.

### Great Western Railway of Canada.

#### LIST OF THE DIRECTORS.

1870-1871.

#### President.

#### THE RIGHT HONOURABLE THE LORD MAYOR.

#### Vice-President.

GILSON HOMAN, Esq., Sandford House, Kirkstall, near Leeds.

HONBLE JOHN CARLING, M.P., London, Ontario, Canada. JOHN FILDES, Esq., Woodlands, Crumpsall, near Manchester. EDWD. H. GREEN, Esq., 22, Old Broad Street, London. M. K. JESUP, Esq., New York.

DONALD MACINNES, Eso., Hamilton, Ontario, Canada. HONBLE. WILLIAM MACMASTER, Senator, Toronto, Ontario, Canada.

Canada.
PAUL MARGETSON, Esq., Clapham Common.
GEORGE SMITH, Esq., 23, Albemarle Street, W.
WILLIAM WEIR, Esq., 10, Princes Terrace, Downhill Gardens,
Glasgow.

#### Auditors.

JOHN YOUNG, Esq., 16, Tokenhouse Yard, London. SIDNEY SMITH, Esq., 31, Bush Lane, London. SAMUEL SPREULL, Esq., Toronto, Ontario.

#### General Superintendent.

Mr. W. K. MUIR, Hamilton, Ontario, Canada.

#### Treasurer.

Mr. JOSEPH PRICE, Hamilton, Ontario, Canada.

#### London Offices.

126, Gresham House, Old Broad Street, E.C.

Mr. BRACKSTONE BAKER, Secretary.

Mr. WALTER LINDLEY, Accountant.

Bankers in London.—LONDON JOINT STOCK BANK.

in Canada.—THE CANADIAN BANK OF COMMERCE.

#### THE GREAT WESTERN

ACCOUNT

#### CAPITAL ACCOUNT, showing the Receipts and Expenditure

|    | RECEIPTS.   | Total Rece      |      |      |
|----|---|-----------------|------|------|
| TC | SHARE ACCOUNT—<br>For 169,708 Shares:—  | 31st July,<br>₤ |      | d. ° |
|    | 168,699 shares held in England, at £20. 10s, sterling per shar<br>1,009 shares held in Canada at \$100 per share, converted a                                   |                 | 10   | 0    |
|    | $109\frac{1}{2}$ per cent. exchange   | . 20,732        | 17   | 6    |
|    | Total amount of Share Capital to 31st July, 1871  | £3,479,062      | 7    | 6    |
|    | For amount of 1st, 2nd, and 3rd instalments on £1,018,040 Five per cent. Preference Stock £661,726 0  For amount received in anticipation of future instalments |                 | . 10 | 116  |
| TC | PERPETUAL 5 PER CENT. DEBENTURE STOCK— For amount received on this account  | E .             |      | 0    |
| TC | BOND ACCOUNT-   | . 10,100        |      | V    |
|    | Bonds bearing 4 per cent. interest, due 1872 £142,203 16  | 9               |      | 4,   |
|    | Do. do. , 1873 . 142,203 16<br>Bonds bearing 6 per cent. interest , 1873 . 488,200 0  | ,9<br>0         |      |      |
|    | Bonds bearing 6 per cent. interest , 1873 . 488,200 0<br>Do. do. , 1876 . 127,000 0   |                 |      |      |
|    | Bonds bearing $5\frac{1}{2}$ per cent. interest ,, $1877 \dots 485,000 \ 0$   | 0               |      |      |
|    | Do. do. ,, 1878 62,000 0  |                 |      |      |
|    | Bonds bearing 5 per cent. interest 1881 1.000 0   |                 |      |      |
| •  | Bonds bearing 5 per cent. interest , 1881 . 1,000 0<br>New 6 per cent. Bonds , 1890 . 750,000 0   |                 |      |      |

£6,404,307 13 11

# TOTAL RECEIPTS on CAPITAL ACCOUNT during the Half-year— Arrears on 3rd instalment on 5 per cent.

Arrears on 3rd instalment on 5 per cent. Preference Stock. In anticipation of instalments on ditto... In full of issue of £750,000 6 per cent. Bonds,

£841 12 0 7,180 17 7

890 ...... 257,550 0

£265,572 9 7

Of the new 6 per cent, 1890 Bond issue, the unpaid instalments amounting to £2,781 are included in the Balance Sheet in the item "Sundry Assets."

### RAILWAY COMPANY OF CANADA.

No. 1.4

of the Company on Capital Account to 31st July, 1871.

| EXPENDITUR   |                       |                | otal Expend          |      |    |
|--|-----------------------|----------------|----------------------|------|----|
| By Total Expenditure on Capital Acc<br>January, 1871, as per last Repo                                   | count to              | 31s            | t £                  | g.   | d. |
| By Great Western Main Line, H.<br>Toronto Line, and Galt Branch  | amilton               | and            | i                    |      | •  |
| Expended during the six months<br>July, 1871:—   | ended                 | 31s            | t i                  |      |    |
| Land, Works, Permanent Way, and all incidental charges   | £4,021                |                |                      |      |    |
| Bridges  |                       | 12             | i                    |      |    |
| Rolling Stock—Cars   | £4,306<br>15,257      |                |                      |      |    |
|  | 10,201                | - 1            | 19,564               | 5    | 6  |
| By Glencoe and Buffalo Line-   | Total                 |                | £5,303,840           | 3    | 11 |
| Total Expenditure to 31st January, 1871<br>Expended during six months ended 31st July,                   | £45,124               | 4 ,9           | )                    |      |    |
| (1871  | 97,152                | 19 7           | 142,277              | 4    | 4  |
| By Brantford Branch— Total Expenditure to 31st January, 1871 Expended during six months ended 31st July, | £143                  | 7 0            |                      | Ŷ    |    |
| 1871   | 20,302                | 19 0           | 94. F                |      |    |
| Less amount of Bonus received from the town  | £20,446               |                |                      |      |    |
| of Brantford   | 15,410                | 19. 2          | 5,035                | 6 1  | 10 |
| By Detroit and Milwaukee Railroad C<br>(The securities held for this sum amount to                       | ompany<br>\$2,095,000 | <b>5</b> ····· | 250,000              | 0    | 0  |
| By Balance carried to Account No. 4  |                       |                | 5,701,152<br>703,154 |      |    |
|  |                       |                | £6,404,307           | 13 1 | 1  |

# THE GREAT WESTERN

ACCOUNT

Dr.

REVENUE ACCOUNT for

| Half-year ended<br>31st July,<br>1870. | RECEIPTS.  | Half-year ended<br>31st July,<br>1871. |        |  |  |
|--|--|--|--------|--|--|
| £ s. d.                                |  | £                                      | s. d.  |  |  |
| 143,164 0 3                            | To amount for the Carriage of 395,257½ Passengers  | 147,238                                | 15 6   |  |  |
| 5,015 8 0                              | " " " Mails  | 5,018                                  | 1 8    |  |  |
| 5,684 1 7                              | " " " Express Freight  | 5,827                                  | 9 0    |  |  |
| 254,229 16 10                          | " " " Freight and Live Stock   | 300,059                                | 8 2    |  |  |
| 408,093 6 8                            | * 0 - 0 - 0 - 0 - 0 - 0 - 0 - 0 - 0 - 0  | 458,143                                | 1.1 4  |  |  |
| 806 11 11                              | Posts  |  |        |  |  |
| 800 11 11                              | " Rents  | 746                                    | 16 7   |  |  |
|  |  | 1                                      |        |  |  |
|  |  |  |        |  |  |
|  | r  |  |        |  |  |
|  |  |  |        |  |  |
|  | Note.—The Traffic Receipts above stated are<br>exclusive of those of the Galt and Guelph,<br>Wellington Grey and Bruce—and Erie and<br>Niagara Railways. |  |        |  |  |
| 1                                      |  |  |        |  |  |
|  |  |  | 1<br>* |  |  |
|  |  |  | - 7    |  |  |
| 3408,899 18 7                          |  | £458,890                               | 10 11  |  |  |

### RAILWAY COMPANY OF CANADA.

No. 2.

Half-year ended 31st July, 1871.

Cr.

| j | Half-year<br>31st J<br>187 | uly | ded, | Per Cent.<br>on Gross<br>Receipts. | EXPENDITURE.   | Half-yea<br>31st J<br>187 | uly,  | Per Cent.<br>on Gross<br>Receipts. |
|---|----------------------------|-----|------|------------------------------------|--|---------------------------|-------|------------------------------------|
|   | £                          | s.  | d,   |                                    |  | £                         | s. d. |                                    |
| d | 88,539                     | 6   | 7    | 21.66                              | By Maintenance and Renewal of<br>Way per Abstract A                        | 84,740                    | 19 9  | 18.46                              |
| ٠ | 54,596                     | 7   | _ 1  | 13.36                              | " Locomotive Power per Abstract B  | 60,888                    | 15 9  | 13.27                              |
|   | 30,575                     | 12  | 5    | 7.47                               | ,, Repairs and Renewal of Pas-<br>senger and Goods Cars,<br>per Abstract C | 33,528                    | 17 7  | 7:31                               |
|   | 28,116                     | 15  | 0    | 6.87                               | ,, Coaching. Transit Expenses,<br>per Abstract D                           | 30,479                    | 18 8  | 6.64                               |
|   | 32,455                     | 9   | 3    | 7.94                               | ,, Merchandise Transit Expenses<br>per Abstract E                          | 41,618                    | 9 5   | 9.07                               |
|   | 9,105                      | 8   | 3    | 2.22                               | "General Charges, per Abstract F   | 8,340                     | 6_10, | 1.82                               |
| - | 243,388                    | 18  | 7    | 59.52                              | TOTAL ORDINARY WORKING Ex-   | 259,597                   | 8 0   | 56-57                              |
| 1 |                            |     |      |                                    | ITEMS NOT BELONGING TO ORDINARY WORKING EXPENSES.                          |                           |       |                                    |
|   | 1,787                      | 13  | 5    | .44                                | By Taxes   | 1,972                     | 12 0  | .43                                |
|   | 177                        | 14  | 10   | .04                                | " Railway Inspection Fund  | 177                       | 14 10 | .04                                |
|   | 1,744                      | 1   | 11   | .43                                | "Insurance   | 1,773                     | 13 7  | •38                                |
|   | 102                        | 3   | 6    | .02                                | " Clerks' Security Account   | 1131                      | 2 4   | .03                                |
|   | 4,623                      | 5   | 9    | 1.13                               | " Suspension Bridge Rent, for half-year                                    | 4,623                     | 5 9   | 1.01                               |
|   | 251,823                    | 18  | 0    | 61.58                              | Total Revenue Expenditure  | 268,275                   | 16 6  | 58.46                              |
|   | 157,076                    | 0   | 7    |                                    | By Balance carried to Net Revenue<br>No. 3 Account                         | 190,614                   | 14 5  | 1                                  |
| £ | 408,899                    | 18  | 7    |                                    | · · · · · · · · · · · · · · · · · · ·                                      | £458,890                  | 10 11 | ,                                  |
| = |                            |     |      |                                    |  |                           |       | ,                                  |

### THE GREAT WESTERN

ACCOUNT !

#### NET REVENUE ACCOUNT

| Sir                                 | 11 11 11 11 11 11 11 11 11 11 11 11 11   | NOE ACCOUNT                          |
|-------------------------------------|--|--------------------------------------|
| Half-year ended<br>31st July, 1870. |  | »Half-year ended<br>31st July, 1871. |
| £ s. d.                             | To Balance of Net Revenue brought forward from Half-year ended 31st January, 1871  | £ s. d.                              |
| 157,076 0 7<br>560 16 6             | ,, Balance from Revenue (No. 2) Account for the Half-year to date ,, Galt and Guelph Railway, Profit on Half-year's Working, per Acct. G | 190,614 14 5                         |
| 365 5 1                             | " Balance of Interest Account  | 399 7 6                              |
|                                     |  |                                      |
|                                     |  |                                      |
|                                     |  |                                      |
| :                                   | •  |                                      |
| •                                   |  |                                      |
|                                     |  | , <b>V</b>                           |
| 160,056 7 4                         |  | £195,514 6 3                         |
|                                     | To Balance brought down  | £117,064 1 8                         |
|                                     | 4  |                                      |
| -1505 m s                           |  | •                                    |
|                                     | 1  | £117,064 1 8                         |

### RAILWAY COMPANY OF CANADA.

No. 3. 4
to 31st July, 1871.

Cr.

|                                     |  | O                                   |
|-------------------------------------|--|-------------------------------------|
| Half-year ended<br>31st July, 1870. | د  | Half-year ended<br>31st July, 1871. |
| £ s. d.                             | P- William to Talenda and D. D. J.   | £ s. d.                             |
| 8,532 4 6                           | By Half-year's Interest on the Bonds issued to the Government to 1st July, 1871                        | 5,688 3 0                           |
| 34,691 0 0                          | " Interest on Ordinary Bonds   | 34,691 0 0                          |
|                                     | "Discount and Charges on the conversion of American currency, and exchange on Remittances to Eng-      | • 12 10 10 10                       |
| 25,282 5 1                          | land   | 20,730 15-11                        |
| 2,000 0 0                           | " Amount set aside for renewal of Ferry<br>Steamers  | 2,000 0 0                           |
| 1,500 0 0                           | " Special vote to Directors  |                                     |
| 2,159 2 7                           | " Toronto Esplanade Account  | /                                   |
| 402 2 4                             | " Erie and Niagara Railway—Loss on Working   | 241 3 4                             |
| •                                   | , Wellington Grey & Bruce Railway - Loss on Working  | 103 12 6                            |
|                                     | , Changeof Gauge—Proportion charged against this Half-year   | 9,100 0 0                           |
| <br>85,489 12 10                    | " Nith River Bridge Accident Account —Amount paid during Half-year for repairs and compensation claims | 5,895 9 10                          |
| 00,100 12 10                        | " Balance carried down   | 117,064 1 8                         |
| £160,056 7 4                        |  | £195,514 6 3                        |
| ,                                   | By Half-year's Dividend on 5 per cent,<br>Preference Stock   | 16,543 3 0                          |
|                                     | "Proposed Dividend on Ordinary<br>Shares at the rate of 5½ per cent.                                   |                                     |
|                                     | per annum  | 95,674 4 4                          |
|                                     | " Surplus carried to next half-year  | 4,846 14 4                          |
|                                     |  | £117,064 1 8                        |

#### THE GREAT WESTERN

ACCOUNT

Dr.

#### GENERAL BALANCE SHEET

| Amount Outstanding and due to the Con  | mpany on<br>                      | Tra         | ffic<br>     | £ 54,514 |     | d. |
|--|-----------------------------------|-------------|--------------|----------|-----|----|
| Mechanical Stores on hand, 31st July, 1 General Stores Fuel Stores Old Material  | 871 :—<br>£42,247<br>34,915<br>53 | 3           | 5<br>9<br>11 | 77.010   | *** |    |
| The state of the s |                                   |             | 8.           | 77,216   | 10  | 1  |
| Engineering Stores on hand, 31st July, 3 General Stores Rail Stock Account Steel Rails purchased in England, but not received into stock   | 1871 :—<br>£23,562<br>44,622      |             | 3 9          |          |     |    |
| at 31st July, 1871   | 70,751                            |             | 1            |          |     |    |
| Rolling Mill Stock   | 1,648                             | 15          | 4            | 140,585  | 18  | 5  |
| Municipal Bonds  |                                   |             |              | 9,945    | 4   | 1  |
| Balance of Interest due to 31st July, 18 Detroit and Milwaukee Railroad received   | S59, on L<br>Compan               | oan<br>y, 1 | to<br>aot    | 6,944    | 19  | 3  |
| Port Huron and Milwaukee Railroad Co   | napany                            |             |              | 8,219    | 3   | 7  |
| Balances in Banker's hands, Loans, &c.   |                                   |             |              |          |     |    |
|  | ,                                 |             |              | 552,009  | 16  | 8  |
| Sundry Assets and Debit Balances   |                                   |             | •••          | 34,019   | 3   | 5  |
| Alteration of Gauge Suspense Account   |                                   |             |              | 75,476   | 12  | 7  |
|  |                                   |             |              | £958,931 | 14  | 3  |

HAMILTON, ONTARIO,

31st August, 1871.

I hereby certify that the whole of the Company's Permanent Way, Stations, Buildings, and other Works have, during the past half-year, been maintained in good working condition and repair.

GEORGE LOWE REID,

Chief Engineer.

#### RAILWAY COMPANY OF CANADA.

No. 4.

to 31st July, 1871.

| By Balance from Capital Account No. 1                            | · , | £ * 703,154 | s.<br>18 | d.<br>10 |
|--|-----|-------------|----------|----------|
| " Balance from Net Revenue Account No. 3                         |     | 117,064     | 1        | 8        |
| " Ferry Steamers Renewal Fund                                    |     | 24,271      | 11       | 5        |
| "Remission of Government Interest—<br>Balance as per last Report |     | 15,128      | 14       | 5        |
| " Sundries due by the Company and Credit Balanc                  | 98  | 99,312      | 7        | 11       |

Audited and approved,

9th October, 1871.

JOHN YOUNG, SIDNEY SMITH, Auditors.

£958,931 14 3

Hamilton, Ontario, Canada,

30th August, 1871.

I hereby certify that the whole of the Plant, including Engines, Tenders, Cars, Machinery, and Tools, also the Ferry Steamers, with their Engines and Boilers, have, during the past half-year, been maintained in good working order and repair.

W. A. ROBINSON,

Mechanical Superintendent.

I have checked the entries in the ledger with the journal and cash book, and the voulters for payments and receipts per cashier's day book with the cash book from 1stVebruary, 1871, to 31st July, 1871, and hereby certify that the foregoing accounts contain a full and true statement of the financial affairs of the Company.

SAML. SPREULL,

Auditor in Canada.

Hamilton, Ontario, 30th August, 1871.

#### LONDON AUDITORS' REPORT.

TO THE SHAREHOLDERS OF THE GREAT WESTERN RAILWAY OF CANADA.

We have examined the foregoing accounts, and find them in accordance with the books and vouchers.

The statements of Expenditure inconnection with the change of gauge, to which we referred in our report on last half-year's accounts, have recently been received from Canada, and have been carefully examined by us. 'Although these are necessarily to some extent framed on estimates, in consequence of the work of conversion being only partially effected, still they enable us to explain to the shareholders the mede in which it is proposed to deal with the outlay for the conversion of the Line and Rolling Stock from broad to narrow gauge which may be briefly stated as follows:—

The cost of laying down the third or narrow gauge rail which was completed five years ago, amounted, after giving credit for contributions received from other companies, to £133,472, and was, with the approval of the shareholders, debited to capital account.

The expenditure already incurred, and that estimated yet to be made, in order to complete the replacement, reconstruction, and conversion of the rolling stock from broad to narrow gauge, and removal of the outer rail, according to the statement and estimates furnished, will amount to £153,786. On an examination of the expenditure comprised in this sum, we find that it may be divided into two heads, namely: Cost of conversion from broad to narrow gauge, £62,802; replacement and reconstruction, £90,984.

It is proposed that the cost of conversion (£62,802) when completed shall be charged to capital account; and that the proceeds of the old or outer rail, estimated at £68,502, shall be credited to that account.

With reference to the cost of conversion, although it is an expenditure, which, beyond adapting the rolling stock to the narrow gauge, does not enhance its value, yet as the narrow gauge system has been productive of great benefit to the Company it may, in our opinion, be considered an exceptional outlay, and one which will yield an ample return in the shape of increased revenue, and therefore chargeable to capital.

As regards the expenditure already incurred, and estimated as necessary to be made for the replacement and reconstruction of the rolling stock (£90,984), no doubt a considerable portion of it has been brought upon the Company at an earlier date than, but for the charge of gauge, would have been necessary. The proposal of the Directors to spread this over five years is therefore, in our opinion, a reasonable one, and it will be observed that the sum of £9,100, or about one-tenth of the amount, has been debited to Revenue in the past half-year's accounts.

The whole of the expenses and claims arising out of the Nith River Bridge accident have not yet been ascertained, and in the present accounts the amounts paid to the date of the close of the half-year only have been charged to revenue.

JOHN YOUNG, SIDNEY SMITH, Auditors.

London, 9th Cctober, 1871.

### THE GREAT WESTERN RAILWAY OF CANADA.

Abstracts referred to in the Revenue Statement for the Half-year ended 31st July, 1871.

# ABSTRACT A. MAINTENANCE AND RENEWAL OF WAY.

| $\begin{array}{cccccccccccccccccccccccccccccccccccc$ | Repairs and renewal of Bridges and Culverts  Station sidings & fences Buildings Signals Approaches Roadway Engineering superintendence, &c | Half-year ended<br>31st July, 1871.<br>£5,956 1 5<br>4,678 17 6<br>4,537 17 7<br>531 4 8<br>318 2 1<br>67,771 15 2<br>947 1 4 |
|--|--|---|
| £88,539 6 7  |  | £84,740 19 9  |

### ABSTRACT B. LOCOMOTIVE POWER

| A-75                 |    |    | ECCOMOTIVE TOWER.  |      |      | •       |     |      |
|----------------------|----|----|--|------|------|---------|-----|------|
| Half-yea<br>31st Jul |    |    |  |      |      | Half-ye |     |      |
| £                    | s. | d. | Transit Expenses :- £  | S    | . d. | £       |     | . d. |
|                      |    |    | Wages of Enginemen, and Fire-  | 15   |      | -       |     |      |
| 12,286               |    |    | men  |      |      | 14,571  | 1   | 0    |
| 1,542                |    |    | Wages of Cleaners  |      |      | 1,993   |     | 9    |
| 22,170               |    |    | Fuel   | 1    |      | 23,789  |     |      |
| 1,113<br>565         | 4  | 1  | Oil  |      |      | 1,236   |     |      |
| 565                  | 5  | 7  | Tallow   |      |      | 738     |     | 0    |
|                      |    |    | Small Stores, including Signal   |      |      |         |     | v    |
| 565                  | 16 | 2  | Lamps, Waste, &c   |      |      | 683     | 14  | 0    |
| 965                  | 11 | 11 | Pumping Engines  |      |      | 972     |     |      |
| 80                   |    |    | Salaries of Foremen and Clerks   |      |      | 63      |     |      |
| 160                  | 5  | 9  | Salary of Locomotive Engineer  |      |      | 128     |     | 10   |
|                      |    |    | , and a second of the second o |      |      | 120     | 0   | 10   |
| 39,450               | 3  | 11 |  | ,    |      | 44,175  | 18  | 5    |
|                      |    |    | Repairs and Renewal of En-   |      |      | 11,110  | 10  | v    |
|                      |    |    | gines :—   |      |      | 1000000 |     |      |
| 6,507                | 14 | 2  | Material and Fuel 5,21:  | 3 (  | 3 9  |         |     |      |
| 7,668                | 11 | 4  | Wages 10,25  |      |      | 15,468  | 12  | 0    |
|                      |    |    |  |      |      | 10,100  | 10  | 0    |
| 53,626               | 9  | 5  | Sundries: —  |      |      | 59.644  | 19  | 1    |
|                      | 15 | 5  |  | 6 14 | 5 9  | 00,011  | 14. | •    |
| 209                  | 3  | 0  | Maintenance of Turntables 250  |      | 1 4  |         |     |      |
| 663                  | 19 | 3  | Maintenance of Tanks and Pumps 88  |      | 3 7  |         |     |      |
|                      |    |    |  |      | •    | 1,244   | 3   | 8    |
|                      |    |    |  |      |      | -,===   | 0   |      |
| £54,596              | 7  | 1  |  |      | £    | 60,888  | 15  | 9    |
|                      |    | -  |  |      |      | ,000    |     |      |
|                      |    |    |  |      |      |         |     |      |

#### STATEMENT OF MILEAGE RUN BY ENGINES.

| Miles run,           |   |          | Miles run,          |
|----------------------|---|----------|---------------------|
| 1st February to      | 31st  | 1st      | February to 31st    |
| July, 1870.          |   |          | July, 1871.         |
| 402,354              | By Passenger Engines  |          | 404,222             |
| 657,075              | Freight Engines   |          | 773,849             |
| 1,059,429<br>426,109 | Total Train miles earning Revenue<br>By Piloting and Shunting Engines |          | 1,178,071 $452,656$ |
|                      |   | •••      |                     |
| 1,485,538            | Total Traffic Engine miles run  | <b>@</b> | 1,630,727           |

### ABSTRACT C. REPAIRS AND RENEWAL OF CARS.

| Half-year ended<br>31st July, 1870. | •   | Half-year ended<br>31stJuly,1871. |
|-------------------------------------|---|-----------------------------------|
| £ 8,804 3 2                         | Passenger Cars — Materials Vages  Including cost of cleaning Cars | £ s. d. 5,052 7 6                 |
| 6,547 3 10                          | Wages )   | <b>5,432</b> 10 8                 |
| 89 0 11                             | Salaries of Superintendent, Foremen & Clerks                      | 65 17 10                          |
| 15,440 7 11                         | Merchandise Cars, &c.—  | 10,550 16 0                       |
| 9,047 7 6                           | Materials £16,391 9 3   |                                   |
| 5,909 15 4                          | Wages 6,476 15 11   |                                   |
| 178 1 8                             | Salaries of Superintendent, Foremen and Clerks 109 16 5           | 22,978 1 7                        |
| £30,57512 5                         |   | £33,528 17 7                      |

#### STATEMENT OF MILEAGE OF CARS.

| Contraction of Milliam (   | or ourne |                   |
|--|----------|-------------------|
| Miles run, 1st February,<br>to 31st July, 1870.  |          | in, 1st February, |
|  | to 31    | st July, 1871.    |
| 1,662,232 . Of First Class Cars  |          | 1,736,882         |
| 531,545 " Second Class Cars  | 3        | 541,731           |
| 753,005 , Post Office, Express and Baggage (12,013,375 , Freight, Platform, and Conductors | Cars     | 745,736           |
| 12,013,375 ,, Freight, Platform, and Conductors  | 'Cars    | 15,530,336        |
| 14,960,157 Total Car Mileage earning Re-   | venue    | 18,554,985        |

# ABSTRACT D. COACHING TRANSIT EXPENSES.

| Half-year ende<br>31st July, 1870 |  | Half-year<br>31st July | en , 18 | ded<br>71. |
|-----------------------------------|--|------------------------|---------|------------|
| £ s. d                            | Salaries of Superintendent, Station Masters  | £                      | s.      | d.         |
| 4,068 6 10                        | and Clerks   | 4,508                  | 3       | 9          |
| 4,323 19 11<br>1,454 16 6         | Brakesmen  | 4,648<br>1,635         |         | 7<br>8     |
| 453 0 2                           | " Policemen  | . 494                  | 0       | 0          |
| 1,559 17 0                        | " Switchmen  | 2,271                  | 1       | 1          |
| 716 11 5                          | " Watchmen at Level Road Crossings   | 620                    | 12      | 4          |
|                                   | Clothing   | 336                    | 17      | 1          |
| 2,225 6 9                         | Compensation for Damages   | 698                    | 10      | 11         |
| 21 3 3                            | " Cattle killed on Track by Trains   | 28                     | 3       | 0          |
| 134 19 7                          | Lamps and Signals  | 108                    | 4       | 11         |
| 671 13 5                          | Lights (including Oil) for Stations and Passenger Cars   | coo                    | •       | ^          |
| 1,148 1 5                         | Fuel for Stations and Passenger Cars   | 600<br>953             | 8<br>15 | 8          |
| 1,019 17 11                       | Stationery, Advertising and Printing   | 1,211                  | 4       | 9          |
| 85 18 7                           | Office Furniture and Expenses  | 23                     | 3       | 8          |
| 944 7 4                           | Small Stores, including Waste, Links, and<br>Pins, Baggage Trucks, &c                            | 010                    |         | •          |
| 701 14 6                          | Travelling and incidental expenses   | 919<br>696             |         |            |
| 4,276 7 1                         | Expenses of Advertising and Agencies in United States Proportion of expenses of Ferry across the | 5,767                  | 6       | 7          |
| 3,395 6 11                        | Detroit River  | 3,986                  | 4       | 5          |
| 915 6 5                           | Proportion of expenses of Telegraph  | 971                    |         | 10         |
| 228,116 15 0                      | Sterling. Sterling.  | £30,479                | 18      | - 8        |

Equal to 18.27 per cent. on Coaching Traffic Receipts. Equal to 19.28 per cent. on Receipts.

# ABSTRACT E. MERCHANDISE TRANSIT EXPENSES.

| Half-year ended<br>31st July, 1870.<br>£ s. d.<br>4,345 14 0 | Salaries of Superintendent, Freight Agents and Clerks                                 | Half-year ended<br>31st July, 1871.<br>£ s. d.<br>5,065 17 5 |
|--|---|--|
| 6,247 2 9  | Wages of Conductors and Brakesmen   | 8,075 9 6  |
| 7,564 2 10%  | , " Porters   | 10,013 17 1  |
| 1,176 11 - 0   | " Switchmen   | 349 9 3  |
| 1,112 15 0   | " Watchmen at Level Road Crossings  | 1,114 2 2  |
| 1,493 11 1   | Compensation for Damages  | 2,874 10 6   |
| 17 17 6  | " Cattle killed on Track by Trains  | 19 18 7  |
| 906 0 1  | Lights, Lamps, Fuel and Signals   | 877 1 3  |
| 617 4 1  | Stationery, Advertising and Printing  | 1,059 5 7  |
| 83 6 1   | Office Furniture and Expenses   | 60 15 10   |
| 740 10 7   | SmallStores, including Links and Pins, Warehouse, Trucks, Running Boards and Gangways | 1,078 4 7  |
| 173 11 3   | Travelling and incidental expenses  | 367 1  |
| 1,504 6 9  | Proportion of Expenses of Telegraph Do. do. Ferry across the                          | 1,839 13, 4  |
| 3,306 17 9   | Detroit River Repairs and Maintenance of Machinery in                                 | 3,147 1 0  |
| 117 0 11   | Elevators at Hamilton and Sarnia<br>Expenses of Advertising, and Agencies in          | 106 3 7  |
| 1,419 13 1   | United States   | 852 10 3   |
| 1,629 4 6  | "Blue Line" Sundries  | 4,717 9 6  |
| £32,455 9 3  | Sterling. Sterling  | £41,618 9 5  |

Equal to 12.76 per cent. on Merchandise Traffic Receipts. Equal to 13.87 per cent. on Merchandise Traffic Receipts.

460,9484 Tons... ... Total Tonnage carried ... ... 527,8301 Tons.

# ABSTRACT F. GENERAL CHARGES.

| Half-year ended 31st July, 1870. |  | Half-year<br>31st July |    |    |
|----------------------------------|--|------------------------|----|----|
| £4,920 0 5                       | Head offices in London and Hamilton    | <br>£3,426             | 17 | 11 |
| 554 11 9                         | Stationery, advertising, and printing  | <br>679                | 11 | 11 |
| 334 14 7                         | Postages and stamps                    | <br>264                | 12 | 5  |
| 80 15 10                         | Fuel and lights                        | <br>136                | 8  | 5  |
| 1,050 11 7                       | Travelling and incidental expenses     | <br>1,455              | 5  | 0. |
| 108 9 5                          | Furniture, &c                          | <br>93                 | 1  | 11 |
| 651 19 6                         | Law charges                            | <br>978                | 18 | 10 |
| 1,367 13 4                       | Directors and Auditors                 | <br>1,343              | 9  | 0  |
| 233 .19 4                        | Telegraphing                           | <br>211                | 8  | 11 |
| 9,302 15 9                       |  | 8,589                  | 14 | 4  |
| 197 7 6                          | Less transfer fees                     | <br>249                | 7  | 6  |
| £9,105 8 3                       |  | £8,340                 | 6  | 10 |
| description of the second        | karang pangang pangang pangang bangang |                        |    |    |

Equal to 2.22 per cent. on Total revenue. Equal to 1 82 per cent. on Total revenue.

#### THE GALT AND

ACCOUNT

The Great Western Railway Company of Canada in account

### RECEIPTS FROM TRAFFIC ON THE GALT AND GUELPH RAILWAY.

| Half-year ended 31st July, 1870.<br>£ s. d. | To amount received during the Half-year for<br>the carriage of— | Half-year<br>31st July<br>£ | , 1871. |
|---|---|-----------------------------|---------|
| 1,426 5 11                                  | Passengers  | 2,146                       | 10 2    |
| 201 14 2                                    | Mails and Sundries  | 207                         | .5 2    |
| 1,959 4 3                                   | Freight and Live Stock  | 1,950                       | 8 7     |
|   | •   |                             |         |
| £3,587 4 4                                  |   | £4,304                      | 3 11    |

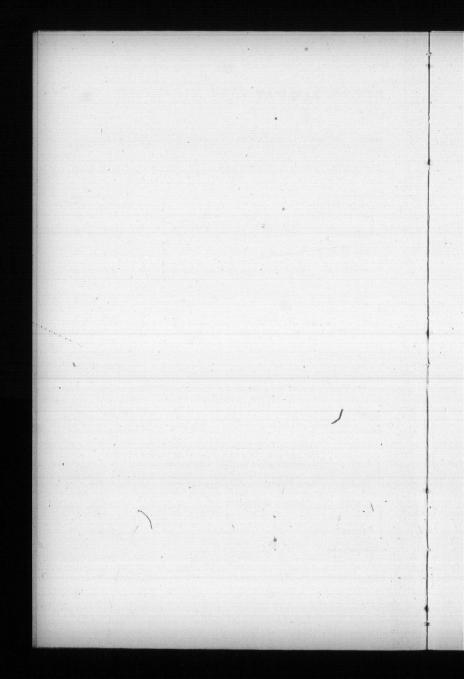
### GUELPH RAILWAY.

G.

with the Galt and Guelph Railway Company (Working Account).

### EXPENDITURE FOR WORKING THE GALT AND GUELPH RAILWAY.

|  |  | The second secon |
|--|--|--|
| Half-year ended<br>31st July, 1870.<br>£ s. d. | D. M. de la company of the company o | Half-year ended<br>31st July, 1871.<br>£ s. d.   |
| 1,125 16 8                                     | By Maintenance and Renewal of Way during the Half-year   | 1,367 8 11   |
| 680 17 11                                      | " Locomotive Power   | 755 17 3   |
| 233 14 5                                       | " Use of Passenger, Freight, and other Cars  | 301 19 0   |
| 739 7 4  | " Coaching and Merchandise Transit Expenses  | 913 0 2  |
| 246 11 6                                       | "General Charges   | 246 11 6   |
|  |  | ×  |
| <b>⇒</b> 3,026 7 10                            | A A  | 3,584 16 10  |
| 560 16 6                                       | , Balance carried to Net Revenue Account   | 719 7 1  |
| £3,587 4 4                                     |  | £4,304 3 11  |
| 31st July, 1870.                               | Note.—The Mileage run by Engines during<br>the half-year, in working the traffic on the<br>Galt and Guelph Railway, is as follows:—  | 31st July, 1871.   |
| 11,859   | With Passenger and Freight Engines   | 14,835   |
| 3,324  | Piloting and Shunting  | 703  |
| 15,183   |  | 15,538   |



### REPORT OF THE DIRECTORS

OF THE

# Great Western Railway Company OF CANADA.

1. The Receipts on Capital Account during the half-year to 31st July, 1871, amounted to £265,572. 9s. 7d., as follows:—

| Five per cent. Preference Stock arrears, Third Instalment £841 12 0 Five per cent. Preference Stock in an-                         | £                | s. | d. |
|--|------------------|----|----|
| Five per cent. Preference Stock in anticipation of future Instalment 7,180 17 7  New 6 per cent. Bonds, Balance of £750,000 issued | 8,022<br>257,550 | 9  | 7  |
|  | £265,572         |    |    |

The total receipts on Capital Account amounted, on 31st July, to £6,404,307. 13s. 11d.

2. The Outlay on Capital Account during the half-year amounts to £121,609. 4s. 11d., of which £97,152. 19s. 7d. has been expended on account of the Glencoe Line,—£4,891. 19s. 10d. on Brantford Branch,—£14,981. 10s. 2d. for 100 new Blue Line Cars, being additional stock: and the remaining expenditure includes cost of Miller's patent platform and couplers to passenger cars,—3\frac{3}{4} miles of additional sidings at various parts of the Line,—raising remainder of overhead bridges to height of 18 feet above the level of track, &c., the details of which are shown in the Engineers' and Mechanical Superintendents' Reports.

The total expenditure to 31st July amounted to £5,701,152. 15s. 1d., leaving a balance unexpended of £703,154. 18s. 10d. at the credit of Capital Account.

3. The receipts and expenditure on Revenue Account for the half-year have been as follows:—

| Gross receipts  | £458,890 | 10 | 11 |
|---|----------|----|----|
| Working expenses, including renewals and all charges                      | 268,275  | 16 | 6  |
|   | £190,614 | 14 | 5  |
| From which is deducted—   |          |    |    |
| Interest on Bonds (less Interest received) £39,979 15 6                   |          |    |    |
| Discount and charges on conversion of American Funds 20,730 15 11         |          |    |    |
| Loss on working the Erie and Niagara<br>and the Wellington Grey and Bruce |          |    | 4  |
| Railways 344 15 10  |          |    |    |
| Amount set aside for renewal of Ferry Steamers 2,000 0 0                  |          |    |    |
| Alteration of Gauge Account—proportion charged this half-year 9,100 0 0   |          |    |    |
| Amount paid for repairs and com-<br>pensation Nith River Bridge Acci-     |          | ,  |    |
| dent account 5,895 9 10   |          |    |    |
| .,  | 78,050   | 17 | 1  |
|   | £112,563 | 17 | 4  |
| Add Profit on working Galt and Guelph Railway £719 7 1                    |          |    |    |
| Balance from last half-year 3,780 17 3                                    |          |    |    |
| j 1   | 4,500    | 4  | 4  |
| Available for Dividend  | £117,064 | 1  | 8  |

The dividend for the half-year on the 5 per cent. Preference Stock amounts to £16,543. 3s. 0d., leaving a balance of £100,520. 18s. 8d.

From this balance the Directors recommend the payment of a dividend for the half-year on the ordinary shares at the rate of  $5\frac{1}{2}$  per cent. per annum, payable in London on 31st October, which will absorb £93,674. 4s. 4d., and leave a balance of £4,846. 14s. 4d. to be carried forward to the next half-year.

The Renewal Fund for the Ferry Steamers amounts to £24,271. 11s. 5d.

4. The discount and charges on the conversion of American currency for the half-year amounted to £20,730. 15s. 11d., as compared with £25,282. 5s. 1d. in the corresponding half-year.

The average rate of conversion was  $111\frac{3}{4}$  as compared with  $114\frac{5}{9}$  in the corresponding half-year. The average price of gold during the half-year was  $111\frac{7}{9}$ . The amount of assets in American funds at 31st July, was \$348,022.41 as compared with \$322,584.69 at the commencement of the half-year.

5. The following table exhibits the receipts and expenses for seven corresponding half-years:—

| RECEIPTS.           |                               |               |                    |      |    |       | EXPE       | ISE     | s.           |    |      |                     |     |                       |
|---------------------|-------------------------------|---------------|--------------------|------|----|-------|------------|---------|--------------|----|------|---------------------|-----|-----------------------|
| Half-year<br>ending | Passeng<br>Mails a<br>Sundrie | nd            | Freightan<br>Stock |      | е  | Ren   | ts         |         | Total        | ١. |      | Includin<br>Renewal |     | of Gross<br>Receipts. |
| July, 1865          | £<br>139,820                  | s. d.<br>19 1 | £<br>144,028       | 8.   | 7. | £     | <b>8</b> . | d.<br>6 | £<br>284,565 | 8. | d. 7 | £ s<br>158,803 1    | . d |                       |
| July, 1866          | 172,731                       | 2 11          | 169,576            | 16 1 |    | 854   | 7          | 7       | 343,162      | 7  | 5    | 175,746 1           | 3 2 | 51.21                 |
| July, 1867          | 165,366                       | 19 11         | 199,221            | 4    | 1, | 15 1  | 19         | 9       | 365,704      | 4  | 0    | 182,768             | 9 6 | 49.98                 |
| July, 1868          | 155,081                       | 17 6          | 200,619            | 4    | 3  | 948   | 2          | 3       | 356,649      | 4  | 0    | 208,461 1           | 4 3 | 58.45                 |
| July, 1869          | 157,930                       | 8 11          | 226,200            | 2    |    | 937   | 5          | 9       | 385,067      | 16 | 9    | 232,767 1           | 3 2 | 60'45                 |
| July, 1870          | 153,863                       | 9 10          | 254,229            | 16 1 | )  | 806 1 | 11         | 11      | 408,899      | 18 | 7    | 251,823 1           | 3 0 | 61.58                 |
| July, 1871          | 158,084                       | 6 2           | 300,059            | 8 :  |    | 746 1 | 16         | 7       | 458,890      | 10 | 11   | 268,275 1           | 8 6 | 58-46                 |

6. The following is a summary of the Revenue results of the past half-year, compared with the corresponding period (including Galt and Guelph traffic):—

|                                  |                | 1871.               | 1870.                     |
|----------------------------------|----------------|---------------------|---------------------------|
| Passenger Traffic:               | Local          | 366,291-31          | 321,449.16                |
|                                  | Through        | 358,586.26          | 380,012.81                |
| 10                               | Total          | \$724,877.57        | <b>\$701,461</b> ·97      |
| Freight Traffic:—                | Local          | 481,754.22          | 524,890.62                |
| •                                | Through        | 988,027.01          | 721,896.13                |
|                                  | Total \$       | 1,469,781.23        | \$1,246,786.75            |
| Excess Baggage, Mails, & Express | Freight        | 55,921.06           | 55,263.32                 |
| Total Traffic Earnings           | \$             | 2,250,579.86        | \$2,003,512.04            |
| Total receipts per train mile    | in 1871<br>do. | \$1.89 in<br>\$1.07 | 1870 \$1·87<br>do. \$1·12 |

The aggregate Traffic Receipts (exclusive of Galt and Guelph), compared with the corresponding half-year, exhibit a gross increase of 50,050. 7s. 8d., as follows:—

| Increase ,, | in way passenger traffic through freight and live stock         |        |    |   | £8,496<br>54,684 |   |    |
|-------------|---|--------|----|---|------------------|---|----|
| V           |   |        |    |   | 63,181           | 7 | 10 |
| Decrease    | in way freight and live stock<br>through passengers traffic and | £8,437 | 5  | 6 | _                |   |    |
|             | emigrants   | 4,402  | 14 | 4 |                  |   |    |
| ,,          | mails and express freight                                       | 291    | 0  | 4 | 13,131           | 0 | 2  |
|             |   |        |    |   | £50,050          | 7 | 8  |

The increase in Working Expenses amounts to £16,451. 18s. 6d.

The analysis of Traffic Receipts during the half-year gives the following results;—

|                              |      | 1871.<br>Cents. |   | 1870.<br>Cents. |
|------------------------------|------|-----------------|---|-----------------|
| Passenger earnings per mile  |      |                 |   |                 |
| Receipts per way passenger   | <br> | <br>2.906       | : |                 |
| " per through passenger      | <br> | <br>2.321       |   | 2.321           |
| Freight earnings per mile—   |      |                 |   |                 |
| Receipts per ton way freight | <br> | <br>3.141       |   | 3.165           |
| " , through freight          | <br> | <br>1.323       |   | 1.368           |

7. The cost of ordinary working expenses per train mile for seven corresponding half-years, is as follows:—

| 31st | July | , 1865 | ' | <br>5s. | $0\frac{3}{4}d.$  | sterling.   |
|------|------|--------|---|---------|-------------------|-------------|
|      | ,,   | 1866   |   | <br>4s. | 9d.               | ,,,         |
|      | ,,   | 1867   |   | <br>4s. | $2\frac{3}{4}$ d. | ,,          |
|      | ,,   | 1868   |   | <br>4s. | $8\frac{3}{4}$ d. | ,,          |
|      | ,,   | 1869   |   | <br>4s. | 8d.               | · · · · · · |
|      | ,,   | 1870   |   | <br>4s. | 7d.               | ,,          |
|      | ,,   | 1871   | 5 | <br>4s. | 5d.               | f' ,,       |

S. The condition of the roadway continues good, and trains are run with great regularity. The result of the use of steel rails has been satisfactory, and it has been decided to replace gradually the whole of the iron rails now in the main track with steel rails as they require renewal.

The very heavy traffic now passing over the main line renders it absolutely necessary to keep the line in a state of the highest efficiency. Every railway forming a part of the great through route between Chicago and New York is required to make punctual train connections, or the operation of the whole line of 1,000 miles would become disorganised.

9. The policy of adjusting the Company's system of 350 miles of railway to the 4ft.  $8\frac{1}{2}$ in. gauge has now been entirely carried out, and the Car stock is being altered to that gauge as fast as possible. It is considered advisable for the present to continue the 5ft. 6in. gauge (by a triple line of rails) upon the 76 miles between Hamilton and London, until some disposition can be made of those broad gauge Engines which cannot be altered to narrow gauge.

Careful estimates have been framed of the cost of altering the gauge, including engineering charges, conversion of the rolling stock, and providing additional narrow-gauge locomotives, to replace suchof those built on the broad gauge as cannot be converted. The balance of this account is estimated to amount to £91,000, which, as stated in the report of last half-year, it is proposed to charge to revenue, extended over a period of five years. One-tenth, or £9,100 has been charged against net revenue in the present half-year's accounts.

- 10. The two years' agreement with the Michigan Central Railroad Company has been found to work well, but as it terminates on 31st December, 1871, a new agreement for ten years has been concluded, by which the through earnings of both Companies are to be divided annually upon the percentage of through traffic actually earned by each Company in the year immediately preceding.
- 11. Among the new lines of railway now being constructed across the state of Michigan are some which

will prove to be valuable connections to the Great Western Railway.

The Detroit Hillsdale and Indiana Railroad is completed from Ypsilanti (on the line of the Michigan Central Railway) to Hillsdale—60 miles.

The Detroit, Eel River, and Illinois Railroad is an extension of the above as far as Logansport.

The Port Huron and Lake Michigan Railroad is approaching completion, being opened to Lapeer, 46 miles from Port Huron.

Agreements have been entered into with the above Companies, whereby all their through traffic is secured to the Great Western Railway.

12. The Wellington Grey and Bruce Railway has been opened for 23½ miles during the half-year, and has yielded an increase in the Great Western traffic of £5,098. 6s. 0d. The line to Harriston—27 miles additional—will be opened in time for the winter's business, and will increase the amount of traffic interchanged with that Company at Guelp.

13. The partial failure of the grain crop last season in Canada seriously affected the earnings; the total number of bushels of grain carried locally having been 556,677, against 1,302,031, and of flour 107,527 barrels, against 169,380 in the corresponding period. It is satisfactory, however, to state that the crops which have just been secured are excellent, both in quality and quantity.

14. During the past half-year two members of the Board, along with the Secretary, visited Canada, to make

an inspection of the Company's property. Whilst in the Province they rendered very valuable assistance in the discussion of, and the disposal of, various important questions then pending, especially the matter of establishing good relations with surrounding companies.

15. The receipts and expenditure of the Detroit and Milwaukee Railroad have been as follows, for the half-year ending 30th June, 1871.

| Gross earnings       |        | '  |      |     |    |    | £138,782 | 1  | 7 |
|----------------------|--------|----|------|-----|----|----|----------|----|---|
| Working expenses,    | taxes, | &c | £95, | 790 | 19 | 9  |          |    |   |
| Interest on Bonds, & |        |    | 40,  | 301 | 18 | 10 |          |    |   |
|                      |        |    | -    |     |    |    | 136,092  | 18 | 7 |

Balance £2,689 3 0

The short crops in Michigan last year very much affected the traffic of this line, but the result of the last harvest has been more satisfactory, and the earnings already show an increase over the corresponding period for 12 weeks since the 1st July of £10,040.

16. The following Members of the Board of Directors go out of office, viz.: Mr. John Fildes, Mr. P. Margetson, Mr. E. H. Green, and Honble. John Carling, who are eligible and offer themselves for re-election.

17. The traffic returns since the commencement of the current half-year are encouraging, and present an increase of £36,866 in ten weeks. From present indications there is reason to expect, that the amount of produce to be forwarded to the Eastern markets during the autumn and winter, will be limited only by the capacity of the railways to carry it.

On behalf of the Board of Directors,

THOMAS DAKIN,

London, 4th October, 1871.

President.

#### REPORT OF THE ENGINEER.

#### Engineering Department,

GREAT WESTERN RAILWAY, HAMILTON,

26th August, 1871.

#### TO THE PRESIDENT AND DIRECTORS.

Gentlemen,—I have the honour to submit to you the following Report upon the operations of my department during the half-year ended the 31st July, 1871:—

CHARGES TO REVENUE.

#### d. The total expenditure of this department during the half-year chargeable to Revenue amounts to 84,740 19 As compared with the corresponding half of 1870, which amounted to ... 88,539 CHARGES TO CAPITAL. During the past half-year the undermentioned new Works were executed, forming a charge to Capital Account :-1st.—Roadway and Sidings.—Wages of men and materials used in laying down new sidings at Suspension Bridge, Hamilton, London, Petrolia, and Sarnia, and laying third rail upon Toronto Esplanade... 1,184 387 tons of rails used in same 3,180 16 2nd.—Bridges and Culverts.—Cost of raising over bridges and approaches to same, on main line and branches, to a height of 18 feet over level of track 285 12 \*4.650 16 3rd.—Loop Line—Glencoe to Fort Erie.—Work done under contract £0.966 13 Cost of surveys, and engineering expenses, and travelling and incidental charges 6,161 4th.—Brantford Branch.—Work done under contract 17,753 17 Engineering expenses and travelling and incidental 238 13Cost of switches in course of construction ... 55 14 10 Total . ... £89,827

<sup>\*</sup> In the Capital Account No. 1, this amount is reduced by the sum of £344 0s. 7d., being balance of proceeds of surplus lands sold during the half-year.

The charges to Capital Account during the past half-year for works on the Main Line consist almost wholly of new sidings, forming an aggregate length of 3\frac{3}{4} miles, which were imperatively demanded by the increasing traffic.

Loop Line—Glencoe to Buffalo.—The works on this new line have been confined to the section between Glencoe and Canfield at the intersection of the Grand Trunk Railway, a distance of 103 miles. The whole of the earthworks and bridging of this portion of the line will be finished in time for the completion of the Permanent Way and Station buildings during the summer of 1872.

Brantford Branch.—The earthworks and bridging of this short branch will be entirely finished in the course of a few weeks, and the permanent way and Station buildings, will be ready for public traffic before the winter sets in. Arrangements have been made with the Corporation of Brantford, whereby the branch is to be extended into the heart of the business part of the town, having a commodious freight station on the canal basin, adjoining all the grain stores of the town. The total length of the branch will thus be increased to eight miles.

| DEVENUE ACC | TOTINT |
|-------------|--------|

|   | £      | 8. | d. |
|---|--------|----|----|
| Repairs and Renewals of Bridges and Culverts    | 5,956  | 1  | 5  |
| ,, ,, Sidings                                   | 2,613  | 10 | 6  |
| ,, Fences                                       | 2,065  | 7  | 0  |
| Buildings and Wharves                           | 4,537  | 17 | 7  |
| ,, Signals 4                                    | 531    | 4  | 8  |
| ", Approaches                                   | 318    | 2  | 1  |
| Plateavers' wages and extra work for main-      |        |    |    |
| tenance, and Renewals of Permanent Way          | 27,252 | 3  | 5  |
| 4,800 tons re-rolled rails laid in track        | 26,630 | 2  | 9  |
| 336 tons loss in weight of old worn-out rails   | 2,071  | 4  | 8  |
| 88,750 sleepers laid in track                   | 5,676  | 7  | 5  |
| Fish-plates, bolts and nuts, spikes, chairs for |        |    |    |
| switches, and small stores                      | 3,323  | 11 | 1  |
| Engine service                                  | 2,818  |    |    |
| Engineering superintendence                     | 947    |    |    |
| Total £   | 84,740 | 19 | 9  |

In addition to the above, a sum of £1,592. 13s. 6d. has been expended, at 31st July, for rebuilding the Western wing walls and abutment of the Nith River Bridge, a portion of which suddenly gave way on the night of the 5th June last. This sum is charged to Net Revenue account.

The unusually large expenditure upon the maintenance and renewals of the track of the Main Line during the past eighteen months has completely fulfilled our expectations, and has raised the condition of our Line to a position of acknowledged equality with that of the leading American railways between New York and Chicago. It is still necessary, however, to continue the work of relaying the whole of the Main Line track with steel rails, and to prove before the severe frost of next winter sets in, a large quantity of iron rails, which cannot be depended upon under the heavy traffic of the winter months.

The re-rolling of our old rails under the contract with Ward & Co., lesses of the rolling mill, will cease before the close of the present year, and thenceforth only steel rails ought to be used for the permanent way of the Main Line. Until the whole of the iron track is removed and replaced with steel, the cost of repairs and renewals will continue to be heavy; but this policy will eventually prove to be a sound and economical one. The New York Central, Hudson River, Erie, and Michigan Central Railroads are all being rapidly re-laid with steel rails, and it is absolutely necessary that we should keep pace with them in this respect. In this connection I beg leave to quote a few lines from the last published report of the President of the Michigan Central Railroad Company. Mr. Joy says, "The weight of business passing over the "road, and the consequent rapid wear of the iron rail, have proved that "the use of the iron rail on the Main Line is not true economy. . . . . "With the large traffic passing over it, the life of the iron probably

<sup>&</sup>quot; cannot be, at the outside, more than three years. . . . . Under these " circumstances the Board have resolved to lay the whole distance

<sup>&</sup>quot; between Detroit and Jackson (76 miles) with steel rail, which work

"is now going on, and will be mainly accomplished during the present year."

| The stock of surplus rails is 5,335\(^3\)4 tons, valued at Value of steel rails and fastenings in transit | ••• | £44,622<br>70,751 |    |    |  |
|---|-----|-------------------|----|----|--|
|   |     | £115,374          | 12 | 10 |  |

#### GALT AND GUELPH BRANCH.—151 MILES.

| Cost of main          | tenance, r | enewals. | and watch  | ing for the | ne half | -      |   |    |
|-----------------------|------------|----------|------------|-------------|---------|--------|---|----|
|                       |            |          |            |             |         | £1,367 | 8 | 11 |
| year<br>The cost of t | he correct | onding h | alf-vear w | as          |         | 1,125  |   |    |
| The cost of t         | ne corresp | onume n  | all-jour w |             |         |        |   |    |

#### ERIE AND NIAGARA RAILWAY .- 314 MILES.

| Cost of maintenance for the half-year       | <br> | £442 | 8 | 11 |
|---|------|------|---|----|
| The cost of the corresponding half-year was | <br> | 495  | 2 | 6  |
|   |      |      |   |    |

# Wellington Grey and Bruce Railway.—231 Miles. Cost of maintenance for the half-year ... £1,646 10 7

The first section of this Line was opened for public traffic from Guelph to Elora, a distance of 131 miles, on 1st July, 1870. The second section to Fergus, 3 miles farther, was opened on 13th September, and the remaining portion to Alma, 234 miles in all, was opened on 1st December last. That portion of the Line between Guelph and Fergus was constructed during an unusually wet autumn and an excessively severe winter—that of 1869-70—and the result was that many of the embankments slipped and settled to an excessive degree in the spring and early summer of 1870. These defects were all made good and the ballasting completed before the line was opened for public traffic; but owing to the freshness of many of these newlyformed and newly-widened banks, numerous settlements and a few slips took place in the spring of the present year, which increased very considerably the cost of maintenance, and thus accounts for the large expenditure of the past half-year. These defects are however now all thoroughly repaired, and the cost of maintenance is already

largely reduced. In addition to the maintenance proper, the expenditure during the past half-year was increased to the extent of £230 for extra labour, removing snow from the track, which for several days seriously obstructed the trains.

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I have the honour to be,

Gentlemen,
Your very obedient servant,

GEO. LOWE REID,

Chief Engineer.

# REPORT OF THE LOCOMOTIVE AND CAR SUPERINTENDELT.

GREAT WESTERN RAILWAY,

MECHANICAL SUPERINTENDENT'S OFFICE,

HAMILTON, ONTARIO,

24th August, 1871.

#### TO THE PRESIDENT AND DIRECTORS.

Gentlemen,—I beg to hand you the following Report of the working of my department for the half-year ending July 31st, 1871.

| CHARGES TO CAPITAL.   |         |    | • |
|---|---------|----|---|
| For 100 new Blue Line Cars built at Detroit as an addition to the stock                       | £14,981 | 10 | 2 |
| Continuation of account for addition to Express<br>train Cars of Miller's patent platform and |         |    |   |
| automatic coupler, 68 cars in all being now fitted with this valuable improvement.            | 275     | 19 | 5 |
| Total   | £15,257 | 9  | 7 |
| CHARGES TO REVENUE.   |         |    |   |
| LOCOMOTIVE DEPARTMENT.  |         |    |   |
| The expenditure during the half-year chargeable   |         |    | , |
| to Revenue amounts to   | £60,888 | 15 | 9 |
| of 1870   | 54 506  | 7  |   |

#### CAR DEPARTMENT.

| The expenditure during the half-year chargeable   |             |      |    |
|---|-------------|------|----|
| to Revenue amounts to   | £33,528     | 17   | 7  |
| As compared with the corresponding half-year  | 00 555      | 10   | ۲  |
| of 1870   | 30,575      | 12   | 9  |
| LOCOMOTIVE DEPARTMENT.  |             |      |    |
| Renewals.—The amount expended for renewals of   | Engines     | duri | ng |
| the half-year and included in the charge to Revenue,  | is as follo | ws:  | _  |
| Continuation of account for six new narrow gauge passenger engines and tenders to replace 6 worn- |             |      |    |
| out broad gauge engines   | £4,655      | 3    | 1  |
| Continuation of account for re-construction to  | Y           |      |    |
| narrow gauge of six worn-out engines of Norris  | 1           |      |    |
| class   | 1,005       | 12   | 3  |
| On account of re-construction to narrow gauge of  |             |      |    |
| five engines of Slaughter's class   | 1,151       | 14   | 3  |
| Total   | £6,812      | 9    | 7  |

Three of the six new Passenger Engines above referred to have been completed and are at work, the remaining three are in hand.

Three of the boilers for the re-construction to narrow gauge of the six Norris Engines are completed, the balance are in a forward state.

The third item is the first charge for the re-construction with new boilers, &c., of five of Slaughter's class of Freight Engines, the boilers for which are now in hand. These, like the last-mentioned Engines, will be converted to narrow gauge whilst rebuilding.

Repairs.—29 engines have received heavy and 24 light repairs.

We have converted to narrow gauge Shunting Engine No. 87. Eight new narrow-gauge Passenger, and Eight Freight Engines have been surchased from the Rhode Island Locomotive Works. Of the six new arrow-gauge Passenger Engines being built in the Company's shop, at e cost of Revenue, three are at work, and five broad-gauge

(Slaughter's class) Freight Engines have been put in hand for reconstruction and conversion to narrow gauge. The following Table shews the present stock of Engines:—

| Description of Engine.       | Broad<br>gauge. | Narrow<br>gauge. | Under re-<br>newal and<br>conversion to<br>narrow<br>gauge. | TOTAL |
|------------------------------|-----------------|------------------|---|-------|
| Passenger                    | 37              | 24               | 14  | 75    |
| Freight                      | 22              | 32               |   | 54    |
| Shunting                     |                 | 7                |   | 7     |
| Locomotive Fire<br>Engine    | 1               | •••              |   | 1.    |
|                              | 60              | 63               | 14  | 137   |
| Compared with last half-year | 77              | 43               | 13  | 133   |

Pumping Engines and Tanks.—Repairs have been attended to as required.

In addition to the improvements reported last half-year at Chatham Station, another hand Tank has been erected at the same locality, at cost of Revenue, over the Pumping Engine, near the creek from whence the water is procured in order to relieve the conducting pipes of the pumping strain, and at the same time secure a more efficient water supply for the greatly increased traffic. This Tank, like all others newly erected, has been fitted with frost-proof covering.

Turntables.—Turntable at Sarnia has been extensively repaired during half-year with new timbers and wall copings.

All other necessary repairs have been attended to.

Comparative Expenditure of the Locomotive Department.— The following Table shows the total expenditure of the Locomotive Department for seven consecutive half-years, including that now reported, and exclusive of charges for the "Galt and Guelph" and "Erie and Niagara" Railways:—

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|                                    | Half-Years ending July 31st. |         |           |           |           |                |           |  |  |  |
|------------------------------------|------------------------------|---------|-----------|-----------|-----------|----------------|-----------|--|--|--|
| v                                  | 1865                         | 1866.   | 1867.     | 1868.     | 1869.     | 1870.          | 1871.     |  |  |  |
| Engine Mileage                     | 842,527                      | 999,609 | 1,141,901 | 1,202,913 | 1,358,530 | 1,485,538      | 1,630,727 |  |  |  |
| Net Train Mileage                  | 598,624                      | 704,951 | 824,484   | 847,279   | 962,469   | 1,059,429      | 1,178,071 |  |  |  |
| Expenditure ex-<br>clusive of Fuel | £28,563                      | £31,073 | £32,395   | £32,680   | £35,959   | £32,627        | £37,191   |  |  |  |
| Cost per Engine<br>Mile            | 8·13d.                       | 7·46d.  | 6·80d.    | 6·52d.    | 6·35d.    | <b>∳</b> ·27d. | 5·47d.    |  |  |  |
| Expenditure for Fuel               | £7,680                       | £9,726  | £12,365   | £20,338   | £19,708   | £21,969        | £23,698   |  |  |  |
| Number of cords consumed           | 13,592                       | 17,213  | 21,882    | 26,394    | 30,742    | 32,898         | 32,951    |  |  |  |
| Cost of Fuel per<br>Engine Mile    | 2·18d.                       | 2·33d.  | 2·59d.    | 4·05d.    | 3·45d.    | 3·54d.         | 3·48d.    |  |  |  |
| Total Locomo-<br>tive Expenses     | £36,243                      | £40,799 | £44,760   | £53,018   | £55,667   | £54,596        | £60,889   |  |  |  |
| Cost per Engine<br>Mile            | 10·31d.                      | 9·79d.  | 9·39d.    | 10·58d.   | 9·83d.    | 8·82d.         | 8.96d.    |  |  |  |
| Cost per net Train<br>Mile         | 14·53d.                      | 13·88d. | 13·03d.   | 15·02d.   | 13·88d.   | 12·37d.        | 12·40d.   |  |  |  |
| Per centage on<br>Earnings         | 12.73                        | 11.89   | 12.24     | 14.87     | 14.46     | 13.36          | 13.27     |  |  |  |

#### CAR DEPARTMENT.

Renewals.—The regular re-construction of cars have to a large at been temporarily suspended during the half-year because the

resources of this department were occupied in the conversion of cars to narrow gauge; still, a large number of partial renewals have been effected to many of the cars during the operation of conversion, the cost of which is estimated at £2,199, which, added to the further sum of £2,055 carried over to a "Renewal suspense Account," represents a total of £4,254 included in the half year's revenue charges

346 new side springs, 1,244 new axles, and 1,870 new cast-iron

chilled wheels, were supplied and charged.

Repairs.—All necessary repairs have been properly attended to.

Stock of Cars.—The total stock of cars has been changed since last report by 100 additional new Blue Line cars.

Twelve first class, 6 post office and baggage, 8 composite, 1 conductors', 142 box, 28 cattle, 154 platform, and 63 construction cars have been converted to narrow gauge, and the actual extra expenditure entailed by these conversions has been carefully recorded.

The following Table shows the present number of each class of

| Description of Cars.                       |          |        | Broad<br>Gauge. | Narrow<br>Gauge. | Total.   |
|--|----------|--------|-----------------|------------------|----------|
| First Class Passenger                      |          |        | 31              | 52               | 83       |
|  |          |        | 11              | 35               | 46       |
| Second Class ,,<br>Post Office and Baggage |          |        | 3               | 21               | 46<br>24 |
| Baggage Van Flats                          |          |        |                 | 7                | 4        |
| Composite                                  |          |        | 2               | 8                | 10       |
| Compositor                                 |          |        |                 | 33               | 33       |
| Conditionary                               |          |        |                 | 420              | 420      |
| Blue Line<br>Milwaukee Line Box            |          |        |                 | 80               | 80       |
| Milwaukee Line Box Combination             |          |        |                 | 100              | 100      |
| Box (Freight and Express)                  |          |        | 370             | 173              | 543      |
| Grated Door                                |          |        | 62              | 143              | 205      |
| Citation 12001                             |          |        | 9               | 101              | 110      |
| Cattle<br>Flat or Platform and 4-wl        | heeled 7 | limber |                 |                  |          |
| Flat or Flatform and 1 "                   |          |        | 112             | 224              | 336      |
| Trucks<br>Gravel and Construction          | (inclu   |        |                 | 4                |          |
| Snow-ploughs)                              |          | ,      | 37              | 130              | 167      |
| Total                                      |          |        | 637             | 1,527            | 2,16     |
| As compared with last ha                   | lf-vear  |        | 1,051           | 1,013            | 2,06     |

### GREAT WESTERN RAILWAY OF CANADA.

# It a General Meeting of Shareholders

OF THE

#### GREAT WESTERN RAILWAY OF CANADA,

Held at the London Tavern, Bishopsgate Street, on Wednesday, October 18th, 1871, at 12 o'clock,

The Right Hon. the LORD MAYOR, President, in the Chair,

The Secretary read the Advertisement calling the Meeting.

The Minutes of the General Meeting of Shareholders held in London on April 12th, 1871, were read and approved.

The Report and Accounts for the Half-year ending 31st July, 1871, were taken as read.

It was proposed by the Chairman, seconded by Mr. Gilson Homan, and resolved—

"That the Report and Accounts for the Half-year ending 31st July, 1871, this day submitted, be received and adopted, and that a Dividend at the rate of 5 per cent. per annum, on the Preference Stock, and of 5½ per cent. per annum on the Ordinary Shares, be now declared payable in London on 31st October."

It was proposed by Mr. Saml. W. Burton, seconded by Mr. Wm. Evans, and resolved—

"That the subscription of £1,000 for the relief of the sufferers by the recent calamitous fire at Chicago be approved."

The four retiring Directors having been put in nomination, and also Mr. Thomas Faulconer, Scrutineers were appointed, and a ballot was taken for the election of four Directors to fill the places of those retiring by rotation, and the following gentlemen were declared duly elected:—

 Mr. Paul Margetson
 65,180 votes.

 Honble, John Carling
 65,120 "

 Mr. E. H. Green
 65,035 "

 Mr. Thos. Faulconer
 55,622 "

Mr. FILDES recorded his objection to the proxies in the name of the Right Honble. the Lord Mayor and Mr. Homan, on the ground of insufficiency of stamp.

The retiring Auditors were unanimously re-elected.

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# A SPECIAL GENERAL MEETING HAVING BEEN CONSTITUTED,

The following resolutions were severally moved and seconded, and  $\operatorname{carried} : \mathbf{-}$ 

"That the Agreement made and entered into the 1st day of July, 1871, between this Company and the Michigan Central Railroad Company, for the division of Through Traffic for a term of 10 years from the 1st January, 1872, be and hereby is authorised."

"That the Agreements entered into severally between this Company and the Detroit, Hillsdalerand Indiana Railroad Company, the Port Huron and Lake Michigan Railroad Company, and the Detroit, Eel River, and Illinois Railroad Company, for promoting traffic with the said Railroads, be and hereby are sanctioned."

"That the subscription of Stock necessary to organise the Detroit Tunnel Company be and hereby is authorised."

It was proposed by Mr. Spencer Herapath, seconded by Mr. J. W. N. Bentley, and resolved—

"That a cordial vote of thanks be given to the Chairman for his conduct in the chair this day."

The Meeting then separated.

BRACKSTONE BAKER, Secretary.

126, Gresham House, Old Broad Street, London, October 18th, 1871.

# Comparative Expenditure of the Car Department.

The following Table shows the expenditure of the Car Department for seven consecutive half-years, including that now reported, and exclusive of the Galt and Guelph and Eric and Niagara Railway charges:—

| ># ,   | Half-years ending July 31st. |                                 |                                 |                                  |                                |                                 |   |  |
|--|------------------------------|---------------------------------|---------------------------------|----------------------------------|--------------------------------|---------------------------------|---|--|
|  | 1865.                        | 1866.                           | 1867.                           | 1868.                            | 1869.                          | 1870.                           | 1871.                                     |  |
| Expenditure for maintenance of PassengerTrain Cars  Mileage  Cost per Mile | £8,465                       |                                 |                                 |                                  | ,                              |                                 |   |  |
| Expenditure for maintenance of Morchandise cars                            |                              | ,                               | £12,974<br>7,650,630<br>0.406d. | £13,159 7,403,059 0.430d.        |                                | ,                               | £22,978<br>15,530,6 <b>3</b> 6<br>0·355d. |  |
| Expenditure for maintenance of all Cars                                    |                              | £18,629<br>,075,335 1<br>0:55d. |                                 | £24,115<br>0,483,371 1<br>0.55d. | £30,655<br>3,160,288<br>0·56d. | £30,575<br>14,960,157<br>0·49d. | £33,529<br>18,554,985<br>0.43d.           |  |

STEAMERS.

Great Western" and "Unioh."—These boats are in general good king order.

#### Buildings and Tools.

General repairs required to the workshops are being attended to during the present summer.

Tools are all in usual good working condition.

I am, Gentlemen,

Your obedient Servant,

W. A. ROBINSON,
Mechanical Superintendent.