

DULUTH,  
SOUTH SHORE & ATLANTIC  
RAILWAY CO.



REPORT FOR THE FISCAL YEAR ENDING  
JUNE 30, 1908.



MARQUETTE:  
MINING JOURNAL CO., LIMITED.

385.4  
D 883  
1907/08

**DIRECTORS.**

| Name.                 | Postoffice Address. | Term Expires.  |
|-----------------------|---------------------|----------------|
| SIR WM. C. VAN HORNE. | Montreal, Quebec.   | Sept. 17, 1908 |
| WALTER R. BAKER.      | " "                 | " " "          |
| CHAS. DRINKWATER.     | " "                 | " " "          |
| RICHARD B. ANGUS.     | " "                 | " " "          |
| JOHN W. STERLING.     | New York, N. Y.     | " " "          |
| R. Y. HEBDEN.         | " "                 | " " "          |
| THOMAS W. PEARSALL.   | Black Rock, Conn.   | " " "          |
| GEO. H. CHURCH.       | New York, N. Y.     | " " "          |
| JAS. O. BLOSS.        | " "                 | " " "          |
| E. V. SKINNER.        | " "                 | " " "          |
| WM. F. FITCH.         | Marquette, Mich.    | " " "          |

**OFFICERS.**

| Official Position.                          | Name.             | Location of Office. |
|---------------------------------------------|-------------------|---------------------|
| President and General Manager.              | WM. F. FITCH.     | Marquette, Mich.    |
| 1st Vice-President.                         | WALTER R. BAKER.  | Montreal, Que.      |
| 2nd Vice-President and Assistant Treasurer. | GEO. H. CHURCH.   | New York, N. Y.     |
| Secretary.                                  | JAS. CLARKE.      | " " "               |
| Treasurer.                                  | E. W. ALLEN.      | Marquette, Mich.    |
| Auditor.                                    | A. E. DELF.       | " "                 |
| General Superintendent.                     | C. E. LITTLE.     | " "                 |
| Asst. Superintendent.                       | A. M. SUTHERLAND. | Thomaston, Mich.    |
| Asst. Superintendent.                       | H. P. STAFFORD.   | Marquette, Mich.    |
| Act'g Chief Engineer.                       | V. D. SIMAR.      | " "                 |
| General Passenger Agent.                    | MART ADSON.       | Duluth, Minn.       |
| Asst. Gen'l Pass. Agent.                    | JAS. MANEY.       | " "                 |
| General Freight Agent.                      | W. W. WALKER.     | " "                 |
| Asst. Gen'l Freight Agent.                  | S. R. LEWIS.      | " "                 |
| Asst. Gen'l Freight Agent.                  | JAS. ROBERTSON.   | Houghton, Mich.     |
| General Attorney.                           | A. B. ELDREDGE.   | Marquette, Mich.    |
| Attorney.                                   | A. E. MILLER.     | " "                 |
| Land Commissioner.                          | E. W. MACPHERRAN. | " "                 |

**GENERAL OFFICES,  
MARQUETTE, MICHIGAN.**

**ANNUAL MEETING OF STOCKHOLDERS,  
THIRD THURSDAY IN SEPTEMBER.**

## DESCRIPTION OF ROAD.

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### Main Line Owned.

|                                                   | Mileage.     |
|---------------------------------------------------|--------------|
| Sault Ste. Marie, Mich., to Superior, Wis.....    | 408.90       |
| Soo Junction, Mich., to St. Ignace, Mich.....     | 42.97        |
| Marquette, Mich., to Winthrop Junction, Mich..... | 17.83        |
| Nestoria, Mich., to Houghton, Mich.....           | 48.24        |
|                                                   | <hr/> 517.44 |

### Branch Lines Owned.

|                                               |             |
|-----------------------------------------------|-------------|
| Negaunee, Mich., to Volunteer Mine, Mich..... | 2.26        |
| Humboldt, Mich., to Republic, Mich.....       | 8.70        |
| Bessemer Jct., Mich., to Bessemer, Mich.....  | 2.23        |
| To Various Mines and Industries.....          | 57.57       |
|                                               | <hr/> 70.76 |

|                          |        |
|--------------------------|--------|
| Total Mileage Owned..... | 588.20 |
|--------------------------|--------|

### Trackage Rights Leased.

|                                      |            |
|--------------------------------------|------------|
| Sainte Marie Union Depot Co.....     | .56        |
| C., St. P., M. & O. R'y.....         | 1.35       |
| Lake Sup. Term. & Trans. Co.....     | .72        |
| Nor. Pacific R'y.....                | 3.83       |
| Duluth Union Depot & Trans. Co. .... | .20        |
|                                      | <hr/> 6.66 |

|                             |        |
|-----------------------------|--------|
| Total Mileage Operated..... | 594.86 |
|-----------------------------|--------|

## EQUIPMENT.

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### Locomotives.

|                                        |    |
|----------------------------------------|----|
| Over 30 tons, exclusive of tender..... | 79 |
| Under 30 tons, " " " .....             | 3  |
|                                        | 82 |

### Passenger Cars.

|                                         |    |
|-----------------------------------------|----|
| Coaches, 1st Class.....                 | 18 |
| Coaches, 2nd Class.....                 | 11 |
| Sleeping Cars... ..                     | 7  |
| Combination, Passenger and Baggage..... | 7  |
| Dining Cars.....                        | 5  |
| Baggage and Express Cars.....           | 18 |
| Official Cars.....                      | 1  |
|                                         | 67 |

### Freight Cars.

|                         |      |
|-------------------------|------|
| Box Cars.....           | 1195 |
| Refrigerator Cars.....  | 38   |
| Charcoal Cars.....      | 10   |
| Platform Cars.....      | 542  |
| Gondola Cars.....       | 188  |
| Coal Cars .....         | 53   |
| Ore Cars (8 wheel)..... | 792  |
| Caboose Cars. ....      | 33   |
|                         | 2846 |

|                         |     |
|-------------------------|-----|
| Miscellaneous Cars..... | 101 |
|-------------------------|-----|

|                           |      |
|---------------------------|------|
| Total Number of Cars..... | 3014 |
|---------------------------|------|

The following new equipment was added during the year ending June 30, 1908.

- 3 Locomotives (75 ton Passenger).
- 6 Locomotives (87½ ton Freight).
- 1 Passenger Coach, 1st Class.
- 3 Passenger Coaches, 2nd Class.
- 1 Baggage Car.
- 10 Refrigerator Cars.

**COMPARATIVE STATEMENT OF INCOME ACCOUNT**  
**FOR THE YEARS ENDING JUNE 30, 1907 AND 1908.**

|                                     | Year Ending<br>June 30, 1907. | Year Ending<br>June 30, 1908. | Increase.     | Decrease.     |
|-------------------------------------|-------------------------------|-------------------------------|---------------|---------------|
| <b>RAIL OPERATIONS:</b>             |                               |                               |               |               |
| Operating Revenues.....             | \$ 3,223,592.15               | \$ 2,921,916.02               | .....         | \$ 301,676.13 |
| Operating Expenses.....             | 2,214,847.17                  | 2,206,214.69                  | .....         | 8,632.48      |
| Net Operating Revenue .....         | \$ 1,008,744.98               | \$ 715,701.33                 | .....         | \$ 293,043.65 |
| <b>OUTSIDE OPERATIONS:</b>          |                               |                               |               |               |
| Revenues .....                      | \$ 57,272.86                  | \$ 65,042.36                  | \$ 7,769.50   | .....         |
| Expenses.....                       | 37,402.59                     | 46,571.99                     | 9,169.40      | .....         |
| Net Revenue .....                   | \$ 19,870.27                  | 18,470.37                     | .....         | \$ 1,399.90   |
| Total Operating Income .....        | \$ 1,028,615.25               | \$ 734,171.70                 | .....         | \$ 294,443.55 |
| Other Income.....                   | 13,968.16                     | 30,405.22                     | 16,437.06     | .....         |
| Total Income.....                   | \$ 1,042,583.41               | \$ 764,576.92                 | .....         | \$ 278,006.49 |
| <b>Deductions from Income.</b>      |                               |                               |               |               |
| Interest on Bonds .....             | \$ 859,700.00                 | \$ 859,700.00                 | .....         | .....         |
| Other Interest.....                 | 25,503.76                     | 978.79                        | .....         | \$ 24,524.97  |
| Taxes.....                          | 170,282.84                    | 186,345.24                    | \$ 16,062.40  | .....         |
| Other Deductions (Rents, etc.)..... | 42,632.76                     | 28,545.70                     | .....         | 14,087.06     |
| Total .....                         | \$ 1,098,119.36               | \$ 1,075,569.73               | .....         | \$ 22,549.63  |
| Balance.....                        | Deficit, \$55,535.95          | Deficit, 310,992.81           | \$ 255,456.86 | .....         |

In the operating expenses for the year ending June 30, 1908, there is charged \$73,514.88, for "Equipment Depreciation". There were no charges to that account in the preceding year.



## REVENUE AND OPERATING EXPENSES.

|                                                           | Year Ending<br>June 30, 1907. | Year Ending<br>June 30, 1908. | Increase.   | Decrease.     |
|-----------------------------------------------------------|-------------------------------|-------------------------------|-------------|---------------|
| <b>Revenue from Transportation.</b>                       |                               |                               |             |               |
| Freight Revenue.....                                      | \$1,699,635.55                | \$ 1,524,022.49               | .....       | \$ 175,613.06 |
| Iron Ore Revenue.....                                     | 283,294.33                    | 259,147.34                    | .....       | 24,146.99     |
| Passenger Revenue.....                                    | 1,072,968.74                  | 969,125.94                    | .....       | 103,842.80    |
| Excess Baggage Revenue.....                               | 12,666.91                     | 12,066.95                     | .....       | 599.96        |
| Parlor and Chair Car Revenue.....                         | 1,496.60                      | 2,006.80                      | \$ 510.20   | .....         |
| Mail Revenue.....                                         | 59,470.55                     | 60,604.01                     | 1,133.46    | .....         |
| Express Revenue.....                                      | 42,532.66                     | 43,093.58                     | 560.92      | .....         |
| Other Passenger Train Revenue.....                        | 12,359.14                     | 12,364.67                     | 5.53        | .....         |
| Switching Revenue.....                                    | 14,498.48                     | 13,659.07                     | .....       | 839.41        |
| Special Service Train Revenue.....                        | 1,640.00                      | 1,905.14                      | 265.14      | .....         |
| Miscellaneous Transportation Revenue.....                 | 2,834.76                      | 1,891.37                      | .....       | 943.39        |
| Total Revenue from Transportation.....                    | \$3,203,397.72                | \$2,899,887.36                | .....       | \$ 303,510.36 |
| <b>Revenue from Operations Other than Transportation.</b> |                               |                               |             |               |
| Station and Train Privileges.....                         | \$ 1,155.95                   | \$ 1,199.83                   | \$ 43.88    | .....         |
| Storage—Freight.....                                      | 87.12                         | 54.55                         | .....       | \$ 32.57      |
| Storage—Baggage.....                                      | 284.54                        | 332.09                        | 47.55       | .....         |
| Car Service.....                                          | 3,779.94                      | 3,689.07                      | .....       | 90.87         |
| Telegraph Service.....                                    | 662.44                        | 449.95                        | .....       | 212.49        |
| Rents of Buildings and Other Property.....                | 11,288.69                     | 10,814.10                     | .....       | 474.59        |
| Miscellaneous.....                                        | 2,935.75                      | 5,489.07                      | 2,553.32    | .....         |
| Total Revenue from Operations Other than Transpor'tn.     | \$ 20,194.43                  | \$ 22,028.66                  | \$ 1,834.23 | .....         |
| Total Operating Revenue.....                              | \$3,223,592.15                | \$2,921,916.02                | .....       | \$ 301,676.13 |
| <b>Other Revenue.</b>                                     |                               |                               |             |               |
| Sleeping Car Service.....                                 | \$ 33,922.90                  | \$ 34,791.11                  | \$ 868.21   | .....         |
| Dining Car Service.....                                   | 23,349.96                     | 30,251.25                     | 6,901.29    | .....         |
| Total Revenue from All Sources.....                       | \$3,280,865.01                | \$2,986,958.38                | .....       | \$ 293,906.63 |

# REVENUE AND OPERATING EXPENSES.—Continued.

|                                              | Year Ending<br>June 30, 1907. | Year Ending<br>June 30, 1908. | Increase.    | Decrease.     |
|----------------------------------------------|-------------------------------|-------------------------------|--------------|---------------|
| <b>Operating Expenses.</b>                   |                               |                               |              |               |
| Maintenance of Way and Structures.....       | \$ 538,387.57                 | \$ 561,404.05                 | \$ 23,016.48 | .....         |
| Maintenance of Equipment.....                | 296,159.88                    | 351,854.83                    | 55,694.95    | .....         |
| Traffic Expenses.....                        | 81,588.34                     | 85,274.12                     | 3,685.78     | .....         |
| Transportation Expenses.....                 | 1,227,337.69                  | 1,136,354.05                  | .....        | \$ 90,983.64  |
| General Expenses.....                        | 71,373.69                     | 71,327.64                     | .....        | 46.05         |
| Total Operating Expenses.....                | \$2,214,847.17                | \$2,206,214.69                | .....        | \$ 8,632.48   |
| <b>Other Expenses.</b>                       |                               |                               |              |               |
| Sleeping Car Service.....                    | \$ 9,902.33                   | \$ 11,197.81                  | \$ 1,295.48  | .....         |
| Dining Car Service.....                      | 27,500.26                     | 35,374.18                     | 8,873.92     | .....         |
| Total Operating and Other Expenses.....      | \$2,252,249.76                | \$2,252,786.68                | \$ 536.92    | .....         |
| Net Revenue.....                             | \$1,028,615.25                | \$ 734,171.70                 | .....        | \$ 294,443.55 |
| Percentage of Expenses to Revenue.....       | 68.65                         | 75.42                         | \$ 6.77      | .....         |
| Operating Revenues per Mile of Road.....     | 5,606.89                      | 4,911.94                      | .....        | 694.95        |
| Operating Expenses per Mile of Road.....     | 3,929.13                      | 3,708.80                      | .....        | 220.33        |
| Net Operating Revenues per Mile of Road..... | \$ 1,677.76                   | \$ 1,203.14                   | .....        | 474.62        |
| Operating Revenues per Train Mile.....       | \$ 1.55212                    | \$ 1.54016                    | .....        | \$ .01196     |
| Operating Expenses per Train Mile.....       | 1.08768                       | 1.16291                       | \$ .07523    | .....         |
| Net Operating Revenues per Train Mile.....   | \$ .46444                     | \$ .37725                     | .....        | \$ .08719     |

## FREIGHT TRAFFIC.

|                                                             | Year Ending<br>June 30, 1905. | Year Ending<br>June 30, 1906. | Year Ending<br>June 30, 1907. | Year Ending<br>June 30, 1908. |
|-------------------------------------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|
| Number of tons of through freight carried, earning revenue. | 1,154,493                     | 1,305,988                     | 1,435,040                     | 1,311,725                     |
| Number of tons of local freight carried, earning revenue..  | 1,699,043                     | 1,975,518                     | 1,850,435                     | 1,632,257                     |
| Total tons of freight carried, earning revenue.....         | 2,853,536                     | 3,281,506                     | 3,285,475                     | 2,943,982                     |
| Total mileage of through freight.....                       | 120,152,670                   | 144,683,664                   | 156,003,081                   | 123,269,223                   |
| Total mileage of local freight.....                         | 58,772,225                    | 82,488,582                    | 81,876,886                    | 57,481,985                    |
| Total freight mileage, or tons carried one mile. ....       | 178,924,895                   | 227,172,246                   | 237,879,967                   | 180,751,208                   |
| Average ton haul for through freight.....                   | 104.07 miles                  | 110.78 miles                  | 108.71 miles                  | 93.97 miles                   |
| Average ton haul for local freight.....                     | 34.59 "                       | 41.76 "                       | 44.25 "                       | 35.22 "                       |
| Average ton haul for all freight.....                       | 62.7 "                        | 69.23 "                       | 72.40 "                       | 61.40 "                       |
| Average amount received for each ton haul.....              | 58.862 cents                  | 58.822 cents                  | 61.644 cents                  | 60.57 cents                   |
| Average receipts per ton per mile for through freight....   | .885 "                        | .791 "                        | .781 "                        | .877 "                        |
| Average receipts per ton per mile for local freight.....    | 1.048 "                       | .952 "                        | .986 "                        | 1.221 "                       |
| Average receipts per ton per mile for all freight.....      | .939 "                        | .85 "                         | .851 "                        | .987 "                        |
| Total freight revenue.....                                  | \$1,699,531.96                | \$1,944,124.78                | \$2,042,946.50                | \$1,783,169.83                |
| Freight revenue per mile of road.....                       | \$ 2,901.17                   | \$ 3,280.17                   | \$ 3,458.63                   | \$ 2,997.63                   |
| Freight revenue per train mile.....                         | \$ 1.62                       | \$ 1.61                       | \$ 1.688                      | \$ 1.797                      |



# **PASSENGER TRAFFIC.**

|                                                              | <b>Year Ending<br/>June 30, 1905.</b> | <b>Year Ending<br/>June 30, 1906.</b> | <b>Year Ending<br/>June 30, 1907.</b> | <b>Year Ending<br/>June 30, 1908.</b> |
|--------------------------------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|
| Number of through passengers carried, earning revenue..      | 181,522                               | 148,699                               | 177,622                               | 177,882                               |
| Number of local passengers carried, earning revenue.....     | 422,571                               | 469,638                               | 513,963                               | 501,371                               |
| Total number of passengers carried, earning revenue.....     | 554,093                               | 618,337                               | 691,585                               | 679,253                               |
| Number of passengers carried, one mile.....                  | 81,019,854                            | 34,413,938                            | 40,284,349                            | 38,502,381                            |
| Average distance carried.....                                | 55.98 miles                           | 55.65 miles                           | 58.25 miles                           | 56.68 miles                           |
| Average amount received from each passenger.....             | \$1.49648                             | \$1.49935                             | \$1.55047                             | \$1.42675                             |
| Average receipts per mile for through passengers.....        | 2.603 cents                           | 2.597 cents                           | 2.497 cents                           | 2.296 cents                           |
| Average receipts per mile for local passengers.....          | 2.755 "                               | 2.807 "                               | 2.866 "                               | 2.757 "                               |
| Average receipts per passenger per mile for all passengers.. | 2.673 "                               | 2.694 "                               | 2.662 "                               | 2.517 "                               |
| Total passenger train revenue.....                           | \$ 974,108.80                         | \$1,088,642.50                        | \$1,236,082.10                        | \$1,099,261.95                        |
| Passenger revenue per mile of road.....                      | \$ 1,662.84                           | \$ 1,836.78                           | \$ 2,092.64                           | \$ 1,847.98                           |
| Passenger revenue per train mile..                           | \$ 1.06095                            | \$ 1.18742                            | \$ 1.32542                            | \$ 1.1982                             |

# **DETAIL OF OPERATING EXPENSES.**

|                                                           | Year Ending<br>June 30, 1907. | Year Ending<br>June 30, 1908. | Increase.    | Decrease.   |
|-----------------------------------------------------------|-------------------------------|-------------------------------|--------------|-------------|
| <b>Maintenance of Way and Structures.</b>                 |                               |                               |              |             |
| Superintendence.....                                      | \$ 13,790.64                  | \$ 16,499.98                  | \$ 3,709.34  |             |
| Ballast.....                                              | 6,260.80                      | 9,309.83                      | 3,049.03     |             |
| Ties.....                                                 | 44,222.80                     | 74,218.75                     | 29,995.95    |             |
| Rails.....                                                | 6,006.97                      | 20,145.61                     | 14,138.64    |             |
| Other Track Material.....                                 | 22,960.35                     | 45,607.67                     | 22,647.32    |             |
| Roadway and Track.....                                    | 290,257.45                    | 280,701.18                    |              | \$ 9,556.27 |
| Removal of Snow, Sand and Ice.....                        | 48,450.72                     | 28,896.73                     |              | 20,053.99   |
| Bridges, Trestles and Culverts.....                       | 31,180.41                     | 18,108.76                     |              | 13,071.65   |
| Over and Under Grade Crossings.....                       |                               | 3.08                          | 3.08         |             |
| Grade Crossings, Fences, Cattle Guards and Signs.....     | 6,852.71                      | 5,130.98                      |              | 1,721.73    |
| Snow and Sand Fences and Snowsheds.....                   | 354.23                        | 259.70                        |              | 94.53       |
| Signals and Interlocking Plants.....                      |                               | 449.57                        | 449.57       |             |
| Telegraph and Telephone Lines.....                        | 2,837.89                      | 2,905.02                      | 67.13        |             |
| Buildings, Fixtures and Grounds.....                      | 36,175.00                     | 24,164.83                     |              | 12,010.17   |
| Docks and Wharves.....                                    | 13,237.23                     | 15,093.70                     | 1,856.47     |             |
| Roadway Tools and Supplies.....                           | 3,582.02                      | 5,943.97                      | 2,361.95     |             |
| Work Equipment—Repairs.....                               | 7,999.62                      | 3,810.95                      |              | 4,188.67    |
| Work Equipment—Renewals.....                              |                               |                               |              |             |
| Work Equipment—Depreciation.....                          |                               | 2,190.33                      | 2,190.33     |             |
| Injuries to Persons.....                                  | 1,492.14                      | 2,111.32                      | 619.18       |             |
| Stationery and Printing.....                              | 445.90                        | 568.38                        | 122.48       |             |
| Insurance.....                                            | 2,445.81                      | 2,083.57                      |              | 362.24      |
| Other Expenses.....                                       | 7.57                          | 129.80                        | 122.23       |             |
| Maintaining Joint Tracks, Yards and Other Facilities—Dr.. | 8,783.50                      | 14,354.02                     | 5,570.52     |             |
| Maintaining Joint Tracks, Yards and Other Facilities—Cr.. | Cr. 8,956.19                  | Cr. 10,783.68                 | Cr. 1,827.49 |             |
| Total.....                                                | \$ 538,387.57                 | \$ 561,404.05                 | \$ 23,016.48 |             |

# **DETAIL OF OPERATING EXPENSES—Continued.**

|                                        | Year Ending<br>June 30, 1907. | Year Ending<br>June 30, 1908. | Increase.     | Decrease.   |
|----------------------------------------|-------------------------------|-------------------------------|---------------|-------------|
| <b>Maintenance of Equipment.</b>       |                               |                               |               |             |
| Superintendence.....                   | \$ 11,850.91                  | \$ 10,616.24                  |               | \$ 1,234.67 |
| Steam Locomotives—Repairs.....         | 103,512.36                    | 86,286.57                     |               | 17,225.79   |
| Steam Locomotives—Renewals.....        |                               | 6.32                          | 6.32          |             |
| Steam Locomotives—Depreciation.....    |                               | 16,133.69                     | 16,133.69     |             |
| Passenger Train Cars—Repairs.....      | 38,040.89                     | 39,585.12                     | 1,544.23      |             |
| Passenger Train Cars—Renewals.....     |                               | 213.85                        | 213.85        |             |
| Passenger Train Cars—Depreciation..... |                               | 9,418.87                      | 9,418.87      |             |
| Freight Train Cars—Repairs.....        | 127,008.71                    | 133,171.40                    | 6,162.69      |             |
| Freight Train Cars—Renewals.....       |                               | 2,647.04                      | 2,647.04      |             |
| Freight Train Cars—Depreciation.....   |                               | 45,771.99                     | 45,771.99     |             |
| Shop Machinery and Tools.....          | 8,517.98                      | 8,539.32                      | 21.34         |             |
| Power Plant Equipment.....             | 487.10                        | 422.20                        |               | 64.90       |
| Injuries to Persons.....               | 147.65                        | 488.98                        | 341.33        |             |
| Stationery and Printing.....           | 696.85                        | 572.73                        |               | 124.12      |
| Insurance.....                         | 5,565.58                      | 6,024.79                      | 459.21        |             |
| Other Expenses.....                    | 331.85                        | 115.83                        |               | 216.02      |
| Equipment Borrowed—Dr.....             |                               | 32,131.97                     | 32,131.97     |             |
| Equipment Loaned—Cr.....               |                               | Cr. 40,292.08                 | Cr. 40,292.08 |             |
| Total.....                             | \$ 296,159.88                 | \$ 351,854.88                 | \$ 55,694.95  |             |
| <b>Traffic Expenses.</b>               |                               |                               |               |             |
| Superintendence.....                   | \$ 29,322.78                  | \$ 32,774.22                  | \$ 3,451.44   |             |
| Outside Agencies.....                  | 41,871.60                     | 39,632.19                     |               | \$ 2,239.41 |
| Advertising.....                       | 4,124.23                      | 5,641.82                      | 1,517.59      |             |
| Traffic Associations.....              | 131.32                        | 171.72                        | 40.40         |             |
| Fast Freight Lines.....                | 610.50                        | 366.16                        |               | 244.34      |
| Stationery and Printing.....           | 5,487.16                      | 6,663.82                      | 1,176.66      |             |
| Insurance.....                         |                               | 24.19                         | 24.19         |             |
| Other Expenses.....                    | 40.75                         |                               |               | \$ 40.75    |
| Total.....                             | \$ 81,588.34                  | \$ 85,274.12                  | \$ 3,685.78   |             |



# **DETAIL OF OPERATING EXPENSES—Continued.**

|                                                      | Year Ending<br>June 30, 1907. | Year Ending<br>June 30, 1908. | Increase.   | Decrease. |
|------------------------------------------------------|-------------------------------|-------------------------------|-------------|-----------|
| <b>Transportation Expenses.</b>                      |                               |                               |             |           |
| Superintendence.....                                 | \$ 14,148.46                  | \$ 16,242.95                  | \$ 2,094.49 |           |
| Dispatching Trains.....                              | 17,261.10                     | 16,588.41                     |             | \$ 672.69 |
| Station Employes.....                                | 135,165.20                    | 132,066.07                    |             | 3,099.13  |
| Weighing and Car Service Associations.....           | 1,622.15                      | 1,592.75                      |             | 29.40     |
| Coal and Ore Docks.....                              | 40,070.79                     | 34,867.55                     |             | 5,203.24  |
| Station Supplies and Expenses.....                   | 9,613.31                      | 9,535.27                      |             | 78.04     |
| Yardmasters and their Clerks.....                    | 5,194.83                      | 5,348.49                      | 153.66      |           |
| Yard Conductors and Brakemen.....                    | 49,676.76                     | 48,507.99                     |             | 1,168.77  |
| Yard, Switch and Signal Tenders.....                 | 6,714.74                      | 6,613.49                      |             | 101.25    |
| Yard Supplies and Expenses.....                      | 802.63                        | 1,505.13                      | 702.50      |           |
| Yard Enginemen.....                                  | 28,481.64                     | 27,481.11                     |             | 1,000.53  |
| Enginehouse Expenses—Yard.....                       | 9,236.50                      | 10,413.53                     | 1,177.03    |           |
| Fuel for Yard Locomotives.....                       | 39,236.39                     | 26,030.97                     |             | 13,205.42 |
| Water for Yard Locomotives.....                      | 604.84                        | 838.94                        | 234.10      |           |
| Lubricants for Yard Locomotives.....                 | 971.54                        | 327.38                        |             | 644.16    |
| Other Supplies for Yard Locomotives.....             | 980.99                        | 798.18                        |             | 182.81    |
| Operating Joint Yards and Terminals—Dr.....          | 27,103.10                     | 29,172.62                     | 2,069.52    |           |
| Operating Joint Yards and Terminals—Cr.....          | Cr. 6,506.74                  | Cr. 6,769.03                  | Cr. 262.29  |           |
| Road Enginemen.....                                  | 179,490.96                    | 157,754.00                    |             | 21,736.96 |
| Enginehouse Expenses—Road.....                       | 32,082.41                     | 38,723.65                     | 6,641.24    |           |
| Fuel for Road Locomotives.....                       | 334,040.88                    | 300,024.44                    |             | 34,016.44 |
| Water for Road Locomotives.....                      | 12,307.85                     | 11,228.99                     |             | 1,078.86  |
| Lubricants for Road Locomotives.....                 | 5,200.18                      | 3,287.90                      |             | 1,912.28  |
| Other Supplies for Road Locomotives.....             | 4,147.41                      | 4,980.86                      | 833.45      |           |
| Operating Power Plants.....                          |                               |                               |             |           |
| Road Trainmen.....                                   | 186,737.46                    | 184,720.49                    |             | 2,016.97  |
| Train Supplies and Expenses.....                     | 27,717.76                     | 31,372.21                     | 3,654.45    |           |
| Interlockers, Block and Other Signals—Operation..... | 1,689.50                      | 1,533.07                      |             | 156.43    |

(Continued on page 13.)



# **DETAIL OF OPERATING EXPENSES—Continued.**

|                                                        | <b>Year Ending<br/>June 30, 1907.</b> | <b>Year Ending<br/>June 30, 1908.</b> | <b>Increase.</b> | <b>Decrease.</b> |
|--------------------------------------------------------|---------------------------------------|---------------------------------------|------------------|------------------|
| <b>Transportation Expenses—Continued.</b>              |                                       |                                       |                  |                  |
| Crossing Flagmen and Gatemen.....                      | \$ 8,750.14                           | \$ 8,929.79                           | \$ 179.65        |                  |
| Clearing Wrecks.....                                   | 5,773.76                              | 2,053.10                              |                  | \$ 3,720.66      |
| Telegraph and Telephone—Operation.....                 | 180.59                                | 169.82                                |                  | 10.77            |
| Operating Floating Equipment.....                      |                                       |                                       |                  |                  |
| Stationery and Printing.....                           | 11,114.59                             | 10,411.82                             |                  | 702.77           |
| Insurance.....                                         | 403.56                                | 565.66                                | 162.10           |                  |
| Other Expenses.....                                    | 2,287.95                              | 4,873.23                              | 2,585.28         |                  |
| Loss and Damage—Freight.....                           | 5,073.66                              | 7,620.12                              | 2,546.46         |                  |
| Loss and Damage—Baggage.....                           | 61.26                                 | 105.89                                | 44.63            |                  |
| Damage to Property.....                                | 1,093.35                              | 751.09                                |                  | 342.26           |
| Damage to Stock on Right-of-Way.....                   | 577.25                                | 989.61                                | 412.36           |                  |
| Injuries to Persons.....                               | 28,128.94                             | 4,944.74                              |                  | 23,184.20        |
| Operating Joint Tracks—Dr.....                         | 100.00                                | 151.77                                | 51.77            |                  |
| Operating Joint Tracks—Cr.....                         |                                       |                                       |                  |                  |
| Total.....                                             | \$1,227,337.69                        | \$1,136,354.05                        |                  | \$ 90,983.64     |
| <b>General Expenses.</b>                               |                                       |                                       |                  |                  |
| Salaries and Expenses of General Officers.....         | \$ 24,347.53                          | \$ 22,287.05                          |                  | \$ 2,060.48      |
| Salaries and Expenses of Clerks and Attendants.....    | 30,870.68                             | 30,752.07                             |                  | 118.61           |
| General Office Supplies and Expenses.....              | 2,643.20                              | 3,068.81                              | \$ 425.61        |                  |
| Law Expenses.....                                      | 7,356.03                              | 7,884.44                              | 528.41           |                  |
| Insurance.....                                         | 53.73                                 | 50.36                                 |                  | 3.37             |
| Pensions.....                                          | 800.00                                | 385.00                                | 85.00            |                  |
| Stationery and Printing.....                           | 3,011.33                              | 3,849.72                              | 838.39           |                  |
| Other Expenses.....                                    | 2,452.17                              | 2,572.82                              | 120.15           |                  |
| Gen'l Admin. Joint Tracks, Yards and Terminals—Dr..... | 339.02                                | 477.87                                | 138.85           |                  |
| Gen'l Admin. Joint Tracks, Yards and Terminals—Cr..... |                                       |                                       |                  |                  |
| Total.....                                             | \$ 71,373.69                          | \$ 71,327.64                          |                  | \$ 46.05         |

# **DETAIL OF OPERATING EXPENSES—Continued.**

|                                              | Year Ending<br>June 30, 1907. | Year Ending<br>June 30, 1908. | Increase.    | Decrease.    |
|----------------------------------------------|-------------------------------|-------------------------------|--------------|--------------|
| <b>Recapitulation of Operating Expenses.</b> |                               |                               |              |              |
| Maintenance of Way and Structures.....       | \$ 538,387.57                 | \$ 561,404.05                 | \$ 23,016.48 | .....        |
| Maintenance of Equipment.....                | 296,159.88                    | 351,854.83                    | 55,694.95    | .....        |
| Traffic Expenses .....                       | 81,588.34                     | 85,274.12                     | 3,685.78     | .....        |
| Transportation Expenses.....                 | 1,227,337.69                  | 1,136,354.05                  | .....        | \$ 90,983.64 |
| General Expenses.....                        | 71,373.69                     | 71,327.64                     | .....        | 46.05        |
| Total Operating Expenses .....               | \$2,214,847.17                | \$2,206,214.69                | .....        | \$ 8,632.48  |
| <b>Other Expenses.</b>                       |                               |                               |              |              |
| Sleeping Car Service.....                    | \$ 9,902.33                   | \$ 11,197.81                  | \$ 1,295.48  | .....        |
| Dining Car Service.....                      | 27,500.26                     | 35,374.18                     | 7,873.92     | .....        |
| Total Other Expenses.....                    | \$ 37,402.59                  | \$ 46,571.99                  | \$ 9,169.40  | .....        |
| Total Operating and Other Expenses.....      | \$2,252,249.76                | \$2,252,786.68                | \$ 536.92    | .....        |
| Percentage of Expenses to Revenue.....       | \$ 68.65                      | \$ 75.42                      | \$ 6.77      | .....        |

In the operating expenses for the year ending June 30, 1908, there is charged \$73,514.88, for "Equipment Depreciation". There were no charges to that account in the preceding year.

## COMMODITIES HANDLED.

| Commodity.                               | Year Ending<br>June 30, 1907. |           | Year Ending<br>June 30, 1908. |           |
|------------------------------------------|-------------------------------|-----------|-------------------------------|-----------|
|                                          | Net Tons.                     | Per Cent. | Net Tons.                     | Per Cent. |
| Grain.....                               | 37,546                        | 1.14      | 21,774                        | .74       |
| Flour.....                               | 37,067                        | 1.13      | 40,703                        | 1.38      |
| Other Mill Products.....                 | 14,716                        | .44       | 27,373                        | .93       |
| Hay.....                                 | 17,722                        | .53       | 23,363                        | .79       |
| Fruit and Vegetables.....                | 16,592                        | .50       | 15,032                        | .51       |
| Live Stock.....                          | 1,924                         | .06       | 1,475                         | .05       |
| Dressed Meat.....                        | 15,481                        | .48       | 11,382                        | .39       |
| Poultry, Game and Fish.....              | 826                           | .03       | 1,692                         | .06       |
| Wool.....                                | 1,176                         | .04       | 2,076                         | .07       |
| Hides and Leather.....                   | 9,253                         | .29       | 9,158                         | .31       |
| Copper.....                              | 46,227                        | 1.41      | 26,566                        | .90       |
| Anthracite Coal.....                     | 20,676                        | .62       | 11,203                        | .38       |
| Bituminous Coal.....                     | 92,543                        | 2.81      | 113,864                       | 3.87      |
| Coke.....                                | 191,564                       | 5.84      | 132,448                       | 4.50      |
| Ores.....                                | 1,306,570                     | 39.76     | 1,253,063                     | 42.56     |
| Stone, Sand and other like articles..... | 187,084                       | 5.69      | 99,189                        | 3.37      |
| Lumber.....                              | 313,877                       | 9.55      | 205,101                       | 6.97      |
| Other Forest Products.....               | 598,656                       | 18.21     | 583,679                       | 19.82     |
| Petroleum and Other Oils.....            | 4,601                         | .14       | 6,726                         | .23       |
| Sugar.....                               | 4,478                         | .14       | 5,775                         | .20       |
| Iron, Pig and Bloom.....                 | 82,814                        | 2.52      | 27,204                        | .92       |
| Iron and Steel Rails.....                | 14,713                        | .45       | 7,510                         | .26       |
| Other Castings and Machinery.....        | 18,240                        | .56       | 18,073                        | .61       |
| Bar and Sheet Metal.....                 | 2,597                         | .08       | 2,253                         | .08       |
| Cement, Brick and Lime.....              | 40,117                        | 1.22      | 62,322                        | 3.14      |
| Agricultural Implements.....             | 176                           | .01       | 297                           | .01       |
| Wagons, Carriages, Tools, etc.....       | 458                           | .02       | 509                           | .02       |
| Wines, Liquors and Beers.....            | 8,699                         | .27       | 10,261                        | .35       |
| Household Goods and Furniture.....       | 1,714                         | .05       | 1,168                         | .04       |
| Merchandise.....                         | 197,373                       | 6.01      | 192,743                       | 6.54      |
| Total.....                               | 3,285,475                     | 100.00    | 2,943,982                     | 100.00    |

# GENERAL LEDGER BALANCE SHEET, JUNE 30, 1908.

| Dr.                                                  | Cr.                                                           |
|------------------------------------------------------|---------------------------------------------------------------|
| Cost of Road and Equipment.....\$46,692,631.74       | Common Capital Stock.....\$12,000,000.00                      |
| Mackinaw Transportation Company..... 237,371.70      | Preferred Capital Stock..... 10,000,000.00                    |
| Lake Superior Terminal & Transfer R'y..... 38,300.00 | D., S. S. & A. Consols, 4 per cent Gold Bonds.. 15,107,000.00 |
| S. S. Marie Bridge Company..... 250.00               | D., S. S. & A. 1st Mortgage 5 per cent Bonds.. 3,816,000.00   |
| Mineral Range Railroad Co..... 532,295.00            | M. H. & O. 6 per cent Bonds of 1925..... 1,077,000.00         |
| Sainte Marie Union Depot Company..... 57,198.58      | Income Certificates..... 3,000,000.00                         |
| Western Express Company..... 25,000.00               | Car Trust Notes, 5th Series..... 236,213.19                   |
| South Shore Land Co., Ltd..... 3,000.00              | Car Trust Notes, 7th Series..... 91,160.10                    |
| Minnesota Extension..... 16,766.63                   | Car Trust Notes, 8th Series... 149,640.06                     |
| E. W. Allen, Treasurer.. 32,153.28                   | Canadian Pacific R'y Guaranteed Interest                      |
| Sundry Account Ledger..... 218,997.08                | Advances..... 4,797,955.18                                    |
| Rent Ledger..... 1,042.40                            | Canadian Pacific R'y, General Account..... 62,988.29          |
| Station Ledger..... 171,636.52                       | South Shore Land Company..... 200,007.82                      |
| Western Express Co. (Current Account)..... 16,698.72 | M. H. & O. Lands..... 5,739.59                                |
| Post Office Department..... 15,257.71                | Bills Payable..... 50,431.00                                  |
| Material..... 371,045.54                             | Vouchers Payable..... 175,256.58                              |
|                                                      | Labor..... 137,886.97                                         |
|                                                      | Coupon Ticket Ledger..... 115,818.15                          |
|                                                      | Car Service Ledger..... 5,003.12                              |
|                                                      | Accrued Interest on Bonds..... 267,938.83                     |
|                                                      | Accrued Taxes..... 94,195.23                                  |
|                                                      | Equipment Replacement Fund..... 68,864.74                     |
| Profit and Loss..... 3,028,953.45                    |                                                               |
| <u>\$51,458,598.35</u>                               | <u>\$51,458,598.85</u>                                        |



**CHARGES TO "ADDITIONS & BETTERMENTS" DURING  
THE YEAR AMOUNT TO \$84,501.98, AS FOLLOWS:**

|                                                                      |                    |
|----------------------------------------------------------------------|--------------------|
| New Buildings.....                                                   | \$3,892.02         |
| Newberry Depot.....                                                  | \$ 1,456.67        |
| Ridge Section House.....                                             | 1,518.00           |
| Thomaston Freight House.....                                         | 272.47             |
| Cement Block Factory.....                                            | 798.55             |
| Negaunee Water Tank.....                                             | 893.37             |
| Marquette Lower Yard Scales.....                                     | 689.76             |
| Soo Turntable.....                                                   | 1,196.74           |
| Marquette Turntable.....                                             | 1,429.15           |
| Thomaston Coal Shed Extension.....                                   | 330.57             |
| L'Anse Cinder Pit.....                                               | 200.42             |
|                                                                      | <u>\$ 8,785.70</u> |
| Less amount of insurance received on<br>buildings burned.....        | 4,893.68           |
|                                                                      | <u>\$ 3,892.02</u> |
| Reducing Grade at Strongs.....                                       | \$ 934.63          |
| Increased Weight of New Rail.....                                    | 22,130.73          |
| New Branches and Sidings.....                                        | 63,648.99          |
| Dead River Branch.....                                               | \$15,836.25        |
| Mary Charlotte Mine Tracks.....                                      | 10,749.61          |
| Chocolay Furnace Tracks.....                                         | 6,023.03           |
| Wisconsin Asylum Track.....                                          | 6,978.30           |
| Martel Branch.....                                                   | 4,373.03           |
| Thomaston "Y" Track.....                                             | 3,596.92           |
| Marquette "Y" Track.....                                             | 2,335.43           |
| Brownstone Quarry Track.....                                         | 1,677.48           |
| Meyers Siding.....                                                   | 1,423.95           |
| Negaunee "Y" Track.....                                              | 1,215.96           |
| Soo Storage Track.....                                               | 921.95             |
| Nogi Siding.....                                                     | 864.26             |
| Eckerman Siding.....                                                 | 838.46             |
| Au Train Sand Pit Track.....                                         | 706.09             |
| Danielson Siding.....                                                | 639.85             |
| Washington Mine Track.....                                           | 582.55             |
| Tula Mill Spur.....                                                  | 572.81             |
| Defer Siding.....                                                    | 546.08             |
| Ozark Mill Spur.....                                                 | 534.03             |
| Ozark Lumber Co. Track.....                                          | 526.64             |
| Miscellaneous Tracks and Sidings.....                                | 6,834.77           |
|                                                                      | <u>\$67,777.45</u> |
| Less Credit for Tracks taken up.....                                 | 4,128.46           |
|                                                                      | <u>\$63,648.99</u> |
| New Snow Fence.....                                                  | \$ 1,141.32        |
| Miscellaneous.....                                                   | <u>170.00</u>      |
|                                                                      | <u>\$91,917.69</u> |
| Less salvage from Marquette Ore Dock No. 1<br>(being torn down)..... | 7,415.71           |
|                                                                      | <u>\$84,501.98</u> |