

# ANNUAL REPORT

OF THE

MARQUETTE & SOUTHEASTERN

RAIL RY. COMPANY

TO THE

## COMMISSIONER OF RAILROADS

FOR THE

## STATE OF MICHIGAN



1904

LANSING  
WYNKOOP HALLENBECK CRAWFORD CO., STATE PRINTERS  
1904

## Important Circular—Please Read.

OFFICE OF THE COMMISSIONER OF RAILROADS, }

*Lansing, Mich., January 1, 1905.* }

To Auditing and Accounting Officers Reporting to the Commissioner of Railroads for the State of Michigan:

Following are the blanks upon which you will please make up your returns to this office as required by law for the fiscal year ending December 31, 1904.

The forms now sent do not vary materially from those transmitted last year, and include no interrogatories not essential to a proper understanding at this department of the business and condition of your company during the year for which the report is made.

In the preparation of your report be careful to observe the following particulars:

1st. Answer all interrogatories in full as the same imply, and in any case do not refer to replies given in former years.

2nd. Carefully make all computations and footings as intended by the blanks, so that they may be checked at this office.

3rd. Be careful not to include earnings and expenses of your leased or proprietary roads with those of your main line, in the statements intended to show each separately.

4th. In case of the corporate reports of your leased or proprietary roads you *must* have them verified by the officers of the corporation proper, *and not by those of the lessee company*. This is requirement of law, and unless complied with the report will not be accepted at this office.

5th. Prepare the reports in triplicate, sending the original and duplicate to this office on or before the first of April next.

Very truly yours,

THERON W. ATWOOD,

*Commissioner of Railroads.*



## OFFICERS OF THE COMPANY, WITH LOCATION OF OFFICES.

OFFICIAL POSITION.	NAME.	LOCATION OF OFFICE.
President,	<i>Wm. G. Mather</i>	<i>Cleveland, Ohio</i>
Vice-President,	<i>E. P. Perkins</i>	<i>Milloughby "</i>
Secretary,	<i>J. A. Kayk.</i>	<i>Cleveland "</i>
Auditor,	<i>H. A. St. John</i>	<i>Marquette Mich</i>
Treasurer,	<i>Wm. G. Mather.</i>	<i>Cleveland Ohio.</i>
General Manager,	<i>A. R. Harris</i>	<i>Marquette Mich</i>
General Superintendent,	<i>Arthur Ward</i>	<i>Menising "</i>
Assistant General Superintendent,		
Division Superintendents,		
Chief Engineers,	<i>R. C. Young</i>	<i>Marquette Mich</i>
Superintendent of Telegraph,		
Cashier,		
General Passenger Agent,	<i>H. A. St. John</i>	<i>Marquette Mich</i>
General Freight Agent,	" " " "	" "
Attorney,	<i>Wm. P. Beaman</i>	<i>Iskpening "</i>
Receiver,		

Give name and address of officer to whom correspondence regarding this report should be addressed,

NAME

*H. A. St. John*

TITLE

*Auditor*

ADDRESS

*Marquette, Mich*



## DIRECTORS.

NAME.	POSTOFFICE ADDRESS.	TERM EXPIRES.
J. M. G. Mather	Cleveland Ohio	July 13 <sup>th</sup> 1906
J. H. Sayre	" "	" " "
E. P. Perkins	Willaughby "	" " "
J. H. Wade	New York N.Y.	" " "
M. M. Duncan	Shpeming Mich	" " "
H. R. Harris	Marquette "	" " "
Peter White	" "	" " "

## STOCKHOLDERS, STOCK AND GENERAL OFFICES.

1. When chartered or articles of association filed,

*Oct 3<sup>rd</sup> 1900*

2. Number of stockholders at date of last election,

*7*

3. Number of stockholders in Michigan at same time,

*3*

4. Amount of full paid stock held in Michigan at same date, \$

*3 Shares*

5. Date of annual meeting of stockholders,

*2<sup>nd</sup> Tuesday in February*

6. Fiscal year of company ends,

*Dec 31<sup>st</sup>*

7. General offices of the company are located at

*Marquette Mich*

REMARKS.

## REPORT

Of the *Marquette & Southeastern* *Rail way* Company,

FOR THE YEAR ENDING DECEMBER 31, 190*4*

GENERAL EXHIBIT.	DEBIT.		CREDIT.	
1. Total earnings from operation,				9505790
2. Total expenses, including taxes,		5905161		
3. Net income or deficit,				3600629
4. Interest on funded debt,		2041666		
5. Interest on unfunded debt,		1399324		
6. Rentals of buildings, tracks, etc.,				
7. Rentals of engines and cars,				
8. Balance applicable to dividends,				
9. Dividends declared ( per cent),				
10. Balance for the year,				159639
11. Balance (profit and loss) last year,		751174		
12. *Items not included in above, as follows,				
13. Balance forward to next year,		591535		

## ANALYSIS OF CAPITAL STOCK.

1. Amount authorized by charter or articles of association,				1,000,000.00
2. Par value of shares,				10000
3. Number of shares issued,	10000	10000.00		
4. Amount paid in on common,				
5. Amount paid in on preferred,				
6. Amount paid in on shares not issued (number),				
7. Total amount paid in, as per books of the Company,				
8. Paid in per mile of road owned by company—Miles,				

\*This answer should include as debits all disbursements for outlays not included in foregoing items, fixed charges, or operating expenses proper, also, as credits, receipts for other than earnings made from the operating of the road, or otherwise connected with the property, such as interest on securities, dividends on stock held by company, etc., etc., not taxable income.



ANALYSIS OF DEBT ACCOUNTS.

I. FUNDED DEBT.

CLASS, CHARACTER AND DATE OF ISSUE.	RATE OF INTEREST.	WHEN DUE.	WHERE PAYABLE.	AMOUNT OUTSTANDING.
<i>1st Mtg Gen Bonds Jan 1st 1903</i>	<i>5%</i>	<i>1933</i>	<i>Cleveland Ohio</i>	<i>\$ 700000 00</i>
Total funded debt,				<i>\$ 700000 00</i>

2. UNFUNDED DEBT.

FOR WHAT INCURRED?	IS THE SAME TO BE FUNDED OR HOW LIQUIDATED.	AMOUNT.
For construction,		
For equipment,		
For real estate,		
For renewals,		
For miscellaneous,		<i>58519 48</i>
For current balances,		<i>41601 54</i>
Total unfunded debt,		<i>\$ 70120 82</i>

3. RECAPITULATION.

Total funded debt,		<i>700000 00</i>
Total unfunded debt,		<i>70120 82</i>
Total debt liabilities,		<i>\$ 770120 82</i>
Amount of debt liabilities per mile of road [ <i>3602</i> miles],		<i>21051 24</i>
Total amount of stock and debt,		<i>\$ 1770120 82</i>
Stock and debt per mile of road [ <i>3602</i> miles],		<i>55781 72</i>

## GENERAL BALANCE SHEET.—Dr.

1. Construction account,				50494777
2. Equipment account,				13530879
3. Other investments (specifying same.)				
<i>Contracts Franchises etc</i>				98750000
<i>Bonds on Masary</i>				30000000
4. CASH ITEMS:				
Cash,				
Bills receivable,				
Due from agents,				140481
5. OTHER ASSETS:				
Material and supplies,			5081194	
Sinking funds,				
*Debit balances from companies				
and individuals,			8423216	13504410
<i>Profit &amp; Loss</i>				591535
6. Total,				\$ 207012082

Give the aggregate of the Debit Balances and do not deduct your own liabilities from the amount of the item.

GENERAL BALANCE SHEET.—Cr.

1. Capital Stock,						\$	100000000
2. Funded debt,							100000000
3. UNFUNDED DEBT:*							
Interest unpaid,							
Dividends unpaid,							
Notes payable,							
Vouchers and accounts,						751840	
Other liabilities (list as follows):							
<i>Cash</i>						454384	
<i>Cleveland Cliff Iron Co</i>						4103877	
<i>Accrued Fixed Eqp</i>						1903981	7012082
4. Profit and loss or income accounts,							
5. Total,							209012082

\*Give the total of these items, so that the total Unfunded Debt will correspond with the footing of the Unfunded Debt at page 7.













## \* ANALYSIS OF

## 1. PASSENGER.

	LOCAL FARES.	THROUGH FARES.	TOTAL PASSENGER FARES.	EXPRESS AND BAGGAGE.
Main line and branches, LEASED OR PROPRIETARY ROADS.—(Enter each separately.)	9336 45	1983 35	11319 80	2508 99
Total passenger department earnings,	9336 45	1983 35	11319 80	2508 99

## 2. FREIGHT.

	LOCAL TRAFFIC.	THROUGH TRAFFIC.
Main line and branches, LEASED OR PROPRIETARY ROADS.—(Enter each separately.)	73321 37	4187 81
Total freight department earnings,	73321 37	4187 81

\* This information must always be given.

EARNINGS.—In the State of Michigan.

EARNINGS.

MAILS.		OTHER SOURCES.		TOTAL.	PER TRAIN MILE.	PER MILE OF ROAD.	
100979				1483808	69	46340	
100979				1483808	69	46340	

EARNINGS.

TOTAL TRAFFIC.	OTHER SOURCES, FREIGHT DEPARTM'T.	TOTAL.	PER TRAIN MILE.	PER MILE OF ROAD.
7750918		7750918	262	242065
7750918		7750918	262	242065



## ANALYSIS OF EARNINGS.—Continued.

1.	Total transportation earnings, entire line,			9234726
2.	Transportation earnings per mile of road,			788405
3.	Transportation earnings per train mile,			181
4.	Miscellaneous receipts from operating account, other than for transportation, as follows:*			
	From car mileage,			
	From switching charges,			
	From telegraph companies,			
	From rents of tracks, yards and terminals,	156348		
	From rents not otherwise provided for,	105600		
	From other sources,	9136		
	Total,	\$ 271064		271064
5.	Distribution of miscellaneous earnings between main line and leased or proprietary roads,			
	COMPANY.	TOTAL MISCELLANEOUS.	PROPORTION FOR MICHIGAN.	
6.	Total earnings from operation road,			9505790
7.	Total earnings per mile of road,			296870
8.	Total earnings per train mile,			186
9.	Total earning per mile of road in Michigan,			All
10.	Income other than from earnings,			None
11.	Total income from all sources,		\$	9505790
12.	Proportion of income for Michigan,			All

\*This should include only such items as are not strictly transportation earnings, such as rents for joint use of tracks, station houses and other miscellaneous receipts connected with the property itself. Interest and dividends on stock, or securities held by the Company will be taken up in the General Exhibit, page 6, and given in answer to interrogatory 11 above.

## ANALYSIS OF EXPENSES.

## CLASS 1.—MAINTENANCE OF WAY AND STRUCTURES.

1. Repairs of Roadway,		852180
2. Renewals of rails,		✓
3. Renewals of ties,		✓
4. Repairs and renewals of bridges and culverts,		14351
5. Repairs and renewals of fences, road crossings, signs and cattle guards,		20664
6. Repairs and renewals of buildings and fixtures,		50282
7. Repairs and renewals of docks and wharves,		✓
8. Repairs and renewals of telegraph,		21863
9. Stationery and printing,		1830
10. Other expenses,		
Total,	\$	961170

## CLASS 2.—MAINTENANCE OF EQUIPMENT.

11. Superintendence,		1233
12. Repairs and renewals of locomotives,		257936
13. Repairs and renewals of passenger cars,		38708
14. Repairs and renewals of freight cars,		186186
15. Repairs and renewals of work cars,		22792
16. Repairs and renewals of marine equipment,		
17. Repairs and renewals of shop machinery and tools,		
18. Stationery and printing,		262
19. Other expenses,		
Total,	\$	507117

## CLASS 3.—CONDUCTING TRANSPORTATION.

20. Superintendence,		78451
21. Engine and roundhouse men,		484339
22. Fuel for locomotives,		884970
23. Water supply for locomotives,		34330
24. Oil, tallow and waste for locomotives,		96282
25. Other supplies for locomotives,		6336
26. Train service,		314390
27. Train supplies and expenses,		71116
28. Switchmen, flagmen and watchmen,		278615
29. Telegraph expenses,		60281
30. Station service,		347677
31. Station supplies,		50837
32. Switching charges,		
33. Car mileage,		325
34. Hire of equipment,		250039
35. Loss and damage,		6052
36. Injuries to persons,		1595
37. Clearing wrecks,		45443
38. Operating marine equipment,		
39. Advertising,		6799
40. Outside agencies,		
41. Commissions,		
42. Stock yards and elevators,		
43. Rents for tracks, yards and terminals,		44894
44. Rents for buildings and other property,		69637
45. Stationery and printing,		33560
46. Other expenses,		14566
Total,	\$	3107884

ANALYSIS OF EXPENSES.—Continued.

CLASS 4.—GENERAL EXPENSES.

47. Salaries of general officers,		109284
48. Salaries of clerks and attendants,		189000
49. General office expenses and supplies,		36315
50. Insurance,		105594
51. Law expenses,		47122
52. Stationery and printing (general offices),		22625
53. Other expenses,		35890
54. Taxes,		983180
TOTAL,	\$	1328990

RECAPITULATION OF EXPENSES.

	PER CENT OF EXPENSES.	
1. Maintenance of way and structures,	1648	961170
2. Maintenance of equipment,	859	507117
3. Conducting transportation,	5263	3107884
4. General expense, including taxes,	2250	1328990
5. TOTAL OPERATING EXPENSES AND TAXES,	10000	5905161
6. Operating expenses and taxes per mile of road,		184421
7. Operating expenses and taxes per train mile run, for trains, earning revenue [5101 miles],		116
PROPORTION OF OPERATING EXPENSES AND TAXES FOR MICHIGAN.		all
8. Main line,		
* LEASED OR PROPRIETARY ROADS.		
Total proportion of Expense for Michigan,	\$	all
9. Percentage of expenses to earnings (67.12%),		
10. Net earnings per mile of road,		112449
11. Net earnings per train mile,		706



## INSTRUCTIONS FOR ANSWERING QUESTIONS ON NEXT PAGE.

There shall appear on the next page *some notation* to indicate that the questions asked have not been overlooked. The word "None" may be used for a whole page; or under any column heading; or against any particular item or items, where that word expresses the *facts*. In other cases refer by note to *this page*, as for example, "See page 19," where a brief explanation should be given why specific data called for can not be returned *exactly as requested*.

In the column headed "Number," state the number of employees in each class as determined from the pay rolls on Dec. 31, 1904. It is not intended that laborers engaged in the construction of new line should be included among railway "Employees." Under "Total number of days worked" give the aggregate number of days worked by all the employees of each class named during the year covered by this report. Under "Total yearly compensation" give the aggregate compensation paid all the employees in each named class during the year covered by the report. To obtain "Average daily compensation," divide the "Total yearly compensation" of any class by the "Total number of days worked" by that class. It should be especially noted that "Number" of employees on Dec. 31, 1904, is not to be accepted as a basis for computing "Average daily compensation."

In returning "General Officers" state the total number on page 20, give below on this page (19) the number receiving no compensation, if there are any such, and compute the "Average daily compensation" for this class on the basis of those only receiving compensation. In case the "General Officers" and "General Office Clerks," returned in the financial report of a subsidiary road, are not in service the entire time during the year, there may be entered as "Total number of days worked" (provided no accurate record of such service has been kept) the number of days fairly representing the time devoted to the affairs of the company during the year.

Under the head of "Other Officers," give all officers not included among "General Officers" nor properly classed as "General Office Clerks."

Under "Distribution of Above," data should be given only against the four subheadings printed, and in making the distribution called for, if nothing is to be returned opposite any one or more of these subheadings, the same should be explained briefly, especially when figures are returned on pages 17 and 18 under the four corresponding subheadings of "Operating Expenses." The four items against each "Total" in the lower part of the table should *agree exactly* with similar entries opposite corresponding "Total" above; the same remark applies to data returned against "Less 'General Officers.'"

## EXPLANATORY REMARKS.

*Three General Officers receive no Compensation*

## EMPLOYEES AND SALARIES—STATE OF MICHIGAN.

CLASS.	NUMBER.	TOTAL NUMBER OF DAYS WORKED.	TOTAL YEARLY COMPENSATION.	AVERAGE DAILY COM- PENSATION.
General Officers,	4	1460	159515	109
Other Officers,	1	365	78000	214
General Office Clerks,	2	708	168000	237
Train Dispatchers,	1	144	30913	216
Station Agents,	2	726	115138	158
Other Station Men,	6	2094	251280	120
Enginemen,	4	592	229696	388
Firemen,	4	586	132502	226
Conductors,	3	549	167036	304
Other Trainmen,	6	831	168262	203
Machinists,				
Carpenters,				
Other Shopmen,				
Section Foremen,	5	1614	270522	168
Other Trackmen,	9	2299	352053	153
Switchmen,				
Flagmen and Watchmen, }	5	1623	293140	180
Telegraph Operators,	1	360	90000	250
Employees—account Floating Equipment,				
All other Employees and Laborers,	3	356	79835	224
TOTAL (Including "General Officers")—MICHIGAN,	56	14307	2584892	180
Less "General Officers,"	4	1460	159515	109
TOTAL (Excluding "General Officers")—MICHIGAN,	52	12847	2425377	186
DISTRIBUTION OF ABOVE:				
General Expenses,	6	2173	315515	145
Maintenance of Way and Structures,	23	6252	1084550	173
Maintenance of Equipment,				
Conducting Transportation,	27	5882	1184827	201
TOTAL (Including "General Officers")—MICHIGAN,	56	14307	2584892	180
Less "General Officers,"	4	1460	159515	109
TOTAL (Excluding "General Officers")—MICHIGAN,	52	12847	2425377	186
TOTAL (Including "General Officers")—ENTIRE LINE,	56	14307	2584892	180

DESCRIPTION OF ROAD.

1. \*Date when the road was opened for use between its present termini:

FROM	To	DATE
Marquette	Lawson	July 1 <sup>st</sup> 1902

MAIN LINE.				Miles.	100ths.	Miles.	100ths.
2. †In Michigan,	from	Wesley (Marquette)	to Lawson			46	96
	from		to				
	from		to				
	from		to				
3. Total Length Completed,						46	96
4. Length of double track on main line,							
BRANCHES.							
Name of Each.	Stad River	from	Whitman	to	Haish		506
		from		to			
		from		to			
		from		to			
5. Total length of branches owned by company,						506	
6. " " " " " " " in Michigan,						506	
7. " " road belonging to this company,							
8. " " " " " " " in Michigan,						3202	
9. †Aggregate length in Michigan of sidings, spurs and other tracks not above enumerated, including 180 mi owned jointly with O.S.S. & Ry						500	
10. †Aggregate length of tracks in Michigan belonging to this company, computed as single track,						3702	
11. Gauge of track 4 feet 8 1/4 inches.							

\*Give main line and branches separately with a full description of each.—COM. OF RAILROADS.  
 †Length in all cases to be given in miles and decimals. Give main line and branches separately with a full description of each.  
 ‡These two items are of importance to the department, and it is desired that the answers should be accurately given.



DESCRIPTION OF ROAD.—Continued.

PROPRIETARY OR LEASED ROADS OPERATED BY THIS COMPANY.	TOTAL MILES.	IN MICHIGAN.
1. Name, description and length of each,		
<i>None</i>		
2. Total,		
3. Total miles operated by the company		

NUMBER OF BRIDGES AND TRESTLES IN MICHIGAN.

1. Wooden bridges, number of	; aggregate length, feet,	
2. Stone " "	; " " "	
3. Iron " " <i>1</i>	; " " "	<i>80.0</i>
4. Combin't'n " "	; " " "	
5. Wooden trestles, " <i>13</i>	; " " "	<i>1278.0</i>
6. TOTAL,		<i>1358.0</i>



DESCRIPTION OF ROAD.—Continued.

DRAW BRIDGES IN MICHIGAN.

1. How many on your line?
  2. Where located, when built, and length of draw span,
- None*
3. Character of structure,
  4. Material of which constructed,
  5. Height above water and depth of water under bridge,
  6. How swung, by engine or hand power,
  7. Approaches straight or curved,
  8. Do you require all trains to come to full stop before crossing a draw, and how are they signaled?

CROSSINGS—RAILROAD AND HIGHWAY.

1. What railroads cross your road at grade in this State, and at what locality?

<i>D.S. &amp; A.</i>	R. R. at	<i>Marquette</i>	<i>4</i>
<i>M.C. &amp; P.I. (Street Ry)</i>	R. R. at	"	<i>1</i>
<i>Grand River</i>	R. R. at	"	<i>1</i>
	R. R. at		
	R. R. at		
	R. R. at		
	R. R. at		
	R. R. at		

2. What railroads cross your road either over or under your grade in this State, and where?

<i>Over. D.S. &amp; A.</i>	R. R. at	<i>Marquette</i>	<i>3</i>
	R. R. at		
<i>Under.—</i>	R. R. at		
	R. R. at		

## DESCRIPTION OF ROAD.—Continued.

## CROSSINGS—RAILROAD AND HIGHWAY.

3. At what crossings are interlocking and derailing switches in operation?

<i>D.S. &amp; A. Ry.</i>	<i>Marquette</i>	<i>4</i>
<i>M.C. &amp; P.D. Ry.</i>	"	<i>1</i>
<i>Grand River</i>	"	<i>1</i>

4. What pattern or patterns have you adopted?

*Union Switch & Signal Co.*

- |  |            |
|--|------------|
| 5. Number of crossings of highways at grade in this State,                                     | <i>16</i>  |
| 6. Number of crossings of highways at grade in this State at which there are gates or flagmen, | <i>0</i>   |
| 7. Number of crossings at which there are electric or automatic signals,                       | <i>2</i>   |
| 8. What pattern or patterns in use? <i>Chicago Ry. Equipment Co</i>                            |            |
| 9. Number of crossings of highways over or under railroad [Over . Under ],                     |            |
| 10. Number of highway bridges 18 feet above track,   |            |
| 11. Number of highway bridges, less than 18 feet above track,                                  |            |
| 12. Have safety guards been erected at overhead obstructions?                                  | <i>Yes</i> |
| 13. Are your frogs and guard rails blocked as required by Act 174, Session Laws, 1883?         | <i>1</i>   |
| 14. How are they treated? <i>Blocked with wood</i>   |            |

## STATIONS.

- |                                       |          |
|---------------------------------------|----------|
| 1. Number of stations on whole lines, | <i>4</i> |
| 2. Same in Michigan,                  | <i>4</i> |

## EMPLOYEES.

- |  |           |
|--|-----------|
| 1. Number of persons regularly employed on all roads operated by company, including officials, | <i>56</i> |
| 2. Same in Michigan,   | <i>56</i> |
| 3. Classify your employees as per following list:  | NUMBER.   |
| Baggagemen,  | <i>✓</i>  |
| Brakemen,  | <i>6</i>  |
| Conductors,  | <i>3</i>  |
| Engineers,   | <i>4</i>  |
| Firemen,   | <i>4</i>  |
| Laborers,  | <i>23</i> |
| Shopmen,   |           |
| Yardmen,   |           |
| Others,  | <i>16</i> |

## DESCRIPTION OF ROAD.—Continued.

## REPAIRS AND RENEWALS.

## FENCING IN MICHIGAN.

1. How many miles of fencing have you?	40
2. Give the number of miles required to complete fence both sides of your track in Michigan, and the counties in which needed:	14
<i>All in Marquette Co.</i>	
Total miles required,	

## ROAD BED AND TRACK.

1. Number of track sections in Michigan,	5
2. Average length of sections (miles),	5.4
3. Average number of men in each section gang,	3
4. Number of new ties put in whole line during the year,	1019
5. Number of new ties put in track in Michigan,	1019
6. Average number of new ties per mile of road,	32
7. New rails put in track,	
Iron [tons     ] miles,	
Steel [tons <i>18 960</i> ] miles, <i>80<sup>th</sup> Rail to replace 60<sup>th</sup> Rail</i>	
8. Total miles of track laid with new rails,	.14

## BRIDGES AND CULVERTS.

1. Amount of trestlework replaced with earth during the year (linear feet),	<i>None</i>
2. Timber culverts replaced during year,	?
With iron pipe,—number,	?
With sewer pipe,—number,	?
With timber,—number,	?

## DESCRIPTION OF ROAD.—Continued.

## 3. New bridges built during the year—Number.

LOCATION.	KIND.	MATERIAL.	MONTH BUILT.	FEET IN LENGTH.
	<i>None</i>			

## ROLLING STOCK.

	NUMBER.	PRESENT ESTIMATED VALUE.
1. Number of locomotives of more than 30 tons weight, exclusive of tender,	<i>2</i>	<i>624321</i>
2. Number of locomotives of 20 to 30 tons weight, exclusive of tender,		
3. Number of locomotives of 10 to 20 tons weight, exclusive of tender,		
TOTAL LOCOMOTIVES,	<i>2</i>	<i>624321</i>
4. Number of passenger cars—12-wheel, including official cars,		
5. Number of passenger cars—8-wheel, including official cars,		
6. Number of express and baggage cars,		
7. Number of box freight cars,	<i>25</i>	<i>1707636</i>
8. Number of stock cars,	<i>None</i>	
9. Number of platform cars,	<i>160</i>	<i>8338779</i>
10. Number of ore cars,	<i>None</i>	
11. Number of conductors' way cars,	<i>1</i>	
12. Other cars as follows: <i>Steam Shovel</i>	<i>1</i>	<i>471315</i>
Total, No. Cars,	<i>186</i>	<i>10517730</i>
Total, Engines and Cars,	<i>188</i>	<i>11144051</i>
		<i>\$</i>
13. Number of locomotives equipped with power brakes,	<i>2</i>	
14. Number of passenger-train cars equipped with power brakes,		
15. Number of freight cars equipped with power brakes,	<i>186</i>	
16. What pattern of power brakes have you in use, and number of locomotives and cars with each?		
<i>All Engines &amp; Cars Equipped with Westinghouse Automatic Brakes</i>		



ROLLING STOCK.—Continued.

- 18. Are your freight cars being equipped with automatic couplers as required by Act No. 147, Session Laws of 1885, as amended by Act No. 88, Session Laws of 1887? *Yes*
- 19. What pattern or patterns have you adopted for use? *Beckys*
- 20. How are your passenger cars heated? *This Company runs no Passenger Cars*

MILEAGE, TRAFFIC, ETC.

TRAIN MILEAGE.	ENTIRE LINES.	IN MICHIGAN.
1. Miles run by passenger trains during the year,		21412
2. Miles run by freight trains during the year,		39599
3. Miles run by mixed trains,		
4. Total mileage of trains earning revenue,	<i>All in Michigan</i>	51011

MILEAGE, TRAFFIC, ETC.—Continued.

PASSENGER TRAFFIC.—Entire Lines.

	NUMBERS.	MILES.	RATE.	
			Dollars.	Cts.
1. Number of through passengers carried, earning revenue,	<i>All in Michigan</i>			
2. Number of local passengers carried, earning revenue,				
3. Total number of passengers carried, earning revenue,				
4. Number of passengers carried one mile,				
5. Average distance carried,				
6. Average amount received from each passenger,				
7. Average receipts per mile for through passengers				
8. Average receipts per mile for local passengers,				
9. Average receipts per passenger per mile for all passengers,				
10. Estimated cost of carrying each passenger one mile,				

\*PASSENGER TRAFFIC.—In State of Michigan.

	NUMBERS.	MILES.	RATE.	
			Dollars.	Cts.
1. Number of through passengers carried, earning revenue,	4687			
2. Number of local passengers carried, earning revenue,	75876			
3. Total number of passengers carried, earning revenue,	30563			
4. Number of passengers carried one mile,	501075			
5. Average distance carried,		16		
6. Average amount received from each passenger,				.37
7. Average receipts per mile for through passengers,				.016
8. Average receipts per mile for local passengers,				1045
9. Average receipts for passenger per mile for all passengers,				1022
10. Estimated cost of carrying each passenger one mile,			<i>No account</i>	

\*This information must always be given.

MILEAGE, TRAFFIC, ETC.—Continued.

FREIGHT TRAFFIC.—Entire Lines.

	TONS.	MILES.	RATE.	
			Dollars.	Cts.
1. Number of tons of through freight carried, earning revenue,				
2. Number of tons of local freight carried, earning revenue,				
3. Total tons of freight carried, earning revenue,				
4. Total mileage of through freight,				
5. Total mileage of local freight,				
6. Total freight mileage or tons carried one mile,				
7. Average ton haul for through freight,				
8. Average ton haul for local freight,				
9. Average ton haul for all freight,				
10. Average amount received for each ton haul,				
11. Average receipts ton per mile, for through freight,				
12. Average receipts ton per mile, for local freight,				
13. Average receipts ton per mile, for all freight,				
14. Estimated cost of carrying one ton one mile,				

*All into Michigan*

\*FREIGHT TRAFFIC.—In State of Michigan.

	TONS.	MILES.	RATE.	
			Dollars.	Cts.
1. Number of tons of through freight carried, earning revenue,	30605			
2. Number of tons of local freight carried, earning revenue,	478700			
3. Total tons of freight carried, earning revenue,	509305			
4. Total mileage of through freight,		826335		
5. Total mileage of local freight,		7466896		
6. Total freight mileage or tons carried one mile,		8293231		
7. Average ton haul for through freight,			27	
8. Average ton haul for local freight,			16	
9. Average ton haul for all freight,			16	
10. Average amount received for each ton haul,				.1522
11. Average receipts ton per mile, for through freight,				.0051
12. Average receipts ton per mile, for local freight,				.0098
13. Average receipts ton per mile, for all freight,				.0093
14. Estimated cost of carrying one ton one mile,				<i>No account</i>

\*This information must always be given.

FREIGHT TRAFFIC MOVEMENT.—Entire Line.

[COMPANY'S MATERIAL EXCLUDED.]

COMMODITY.	FREIGHT ORIGINATING ON THIS ROAD. WHOLE TONS.	FREIGHT RECEIVED FROM CONNECTING ROADS AND OTHER CARRIERS. WHOLE TONS.	TOTAL FREIGHT TONNAGE.	
			WHOLE TONS.	PER CENT.
Products of agriculture. { Grain, Flour, Other mill products, Hay, Tobacco, Cotton, Fruit and vegetables, Potatoes,				
	Total,			
Products of animals. { Live stock, Dressed meats, Other packing house products, Poultry, game and fish, Wool, Hides and leather,				
	Total,			
Products of mines. { Anthracite coal, Bituminous coal, Coke, Ores, Stone, sand and other like articles, Salt,		<i>All in Michigan</i>		
	Total,			
Products of forest. { Lumber, Logs, Shingles,				
	Total,			
Manufac- tures. { Petroleum and other oils, Sugar, Naval stores, Iron, pig and bloom, Iron and steel rails, Other castings and machinery, Bar and sheet metal, Cement, brick and lime, Agricultural implements, Wagons, carriages, tools, etc., Wines, liquors and beers, Household goods and furniture,				
	Total,			
Merchandise, Miscellaneous: Other commodities, not mentioned above,				
	TOTAL TONNAGE,			



## \*FREIGHT TRAFFIC MOVEMENT.—In State of Michigan.

[COMPANY'S MATERIAL EXCLUDED.]

COMMODITY.	FREIGHT ORIGINATING ON THIS ROAD, WHOLE TONS.	FREIGHT RECEIVED FROM CONNECTING ROADS AND OTHER CARRIERS, WHOLE TONS.	TOTAL FREIGHT TONNAGE.		
			WHOLE TONS.	PER CENT.	
Products of agriculture.	Grain,	424	424	09	
	Flour,		536	11	
	Other mill products,		271	05	
	Hay,	198	423	12	
	Tobacco,				
	Cotton,				
	Fruit and Vegetables, Potatoes,	130	316	06 03	
Total,	352	1995	2327	46	
Products of animals.	Live stock,	32	31	01	
	Dressed meats,				
	Other packing house products,				
	Poultry, game and fish,				
	Wool, Hides and leather,				
Total,	32	31	63	01	
Products of mines.	Anthracite coal,	1040	463	59	
	Bituminous coal,	13840		772	
	Coke,	42	16	58	01
	Ores,		121161	121161	5379
	Stone, sand and other like articles, Salt,	1193	1245	2438	49
	Total,	16115	122885	139000	2930
Products of forest.	Lumber,	3695	294	3989	78
	Logs,	52486	5953	58439	1147
	Shingles,		50	50	—
	Total,	5819	246473	244292	4895
Manufac- tures.	Petroleum and other oils,	59000	252770	311770	6120
	Sugar,		14	14	—
	Naval stores				
	Iron, pig and bloom,	47363		47363	931
	Iron and steel rails,	26	15	41	—
	Other castings and machinery,	133	781	914	18
	Bar and sheet metal,				
	Cement, brick and lime,	778	1331	2109	42
	Agricultural implements, Wagons, carriages, tools, etc., Wines, liquors and beers, Household goods and furniture,	30	82	112	02
	Total,	48330	2423	50553	993
Merchandise, Miscellaneous: Other commodities, not mentioned above,	1190	4022	3212	63	
	1817	563	4380	47	
TOTAL TONNAGE,	146836	384469	509305	10000	

\*This information must always be given.

ADDITIONAL QUESTIONS.

EXPRESS COMPANIES.

1. What express companies run on your road, and on what terms and what conditions as to rates, etc.; what kind of business is done by them, and do you take their freights at the depot, or at the office of such express companies?

*American Express Company. We receive compensation based on pounds carried. They do a general Express business. We take freight at Depot.*

TELEGRAPH.

2. Number of miles of telegraph on your road, and to whom does it belong?

*23 miles owned by this Company (MRS. & Ry)*

TRANSPORTATION COMPANIES.

*Co-operative freight lines are not to be reported.*

*Sleeping, Drawing-room, and Palace Car Companies.*

3. What sleeping, drawing-room, chair or other palace passenger cars, not the exclusive property of your own or some other railroad company, have, during the year, been in use on your road in the State of Michigan, and on what terms? If rented by you, or allowed mileage between local points in this State, what was the amount paid for the use of such cars during the period under report?

NAME OF COMPANY.	GENERAL OFFICE.	AMOUNT PAID.
<i>None</i>		

\* This information must always be given.





## \*REPORTS OF ACCIDENTS FOR MICHIGAN DURING THE YEAR 1904

## KILLED.

DATE.	NAME AND OCCUPATION.	PLACE.	CAUSE AND RESPONSIBILITY FOR ACCIDENT.
Aug 15 <sup>th</sup>	Benjamin Baltimore	Marquette	Trying to catch moving train His own carelessness
Nov 3 <sup>rd</sup>	Leonard Sundblad	"	Alighting from moving train His own carelessness

\* In giving "cause and responsibility for accidents," details are not required. Simply say, "fell from train," "caught foot in frog," "highway collision," "coupling," "trespasser," or as the case may be, and add "purely accidental," "from lack of caution," or "carelessness," as the facts were. In case of inquest, report company responsible or not according to verdict.









## TABULAR STATEMENT OF ACCIDENTS IN MICHIGAN.

CAUSE OF ACCIDENT.	KILLED.			INJURED.		
	PASSENGERS.	EMPLOYEES.	OTHERS.	PASSENGERS.	EMPLOYEES.	OTHERS.
Collisions,						
Coupling cars,						
Derailments,						
Falling from trains,						
Frogs,						
Getting on and off trains,	2					
Highway crossings,						
Miscellaneous,						
Overhead obstructions,						
Trespassers on trains,						
Trespassers on tracks,						
TOTAL,	2					

## SUMMARY OF ACCIDENTS IN MICHIGAN.

Number of persons killed during the year,	2
Number of persons injured during the year,	None
Number of casualties purely accidental,	"
Number resulting from lack of caution, carelessness, or misconduct,	"
Persons killed or injured while intoxicated,	"
Trespassers or tramps killed or injured,	"
Suicides,	"



## CLASSIFICATION OF EMPLOYEES.

KILLED OR INJURED IN MICHIGAN.

	KILLED.	INJURED.	TOTAL.
Baggagemen,			
Brakemen,			
Conductors,			
Engineers,	<i>None</i>		
Firemen,			
Laborers,			
Shopmen,			
Yardmen,			
Not classified above,			
Total,			

State of Michigan,

COUNTY OF *Marquette*

} ss.

*H.P. Harris General Manager & A.A. St John Auditor*

OF THE

*Marquette Southeastern*

Rail *way* Company,

being duly sworn, depose and say that they have caused the foregoing statements to be prepared by the proper officers and agents of this company, and having carefully examined the same, declare them to be a true, full and correct statement of the condition and affairs of said company, on the thirty-first day of December, A. D. 1904, to the best of their knowledge and belief.

Signed,

*H.P. Harris*

*A.A. St John Auditor*

Subscribed and sworn to before me this *20<sup>th</sup>* day of *March* A. D. 1905.

*J. Stuart Byrnes*

*Notary Public*

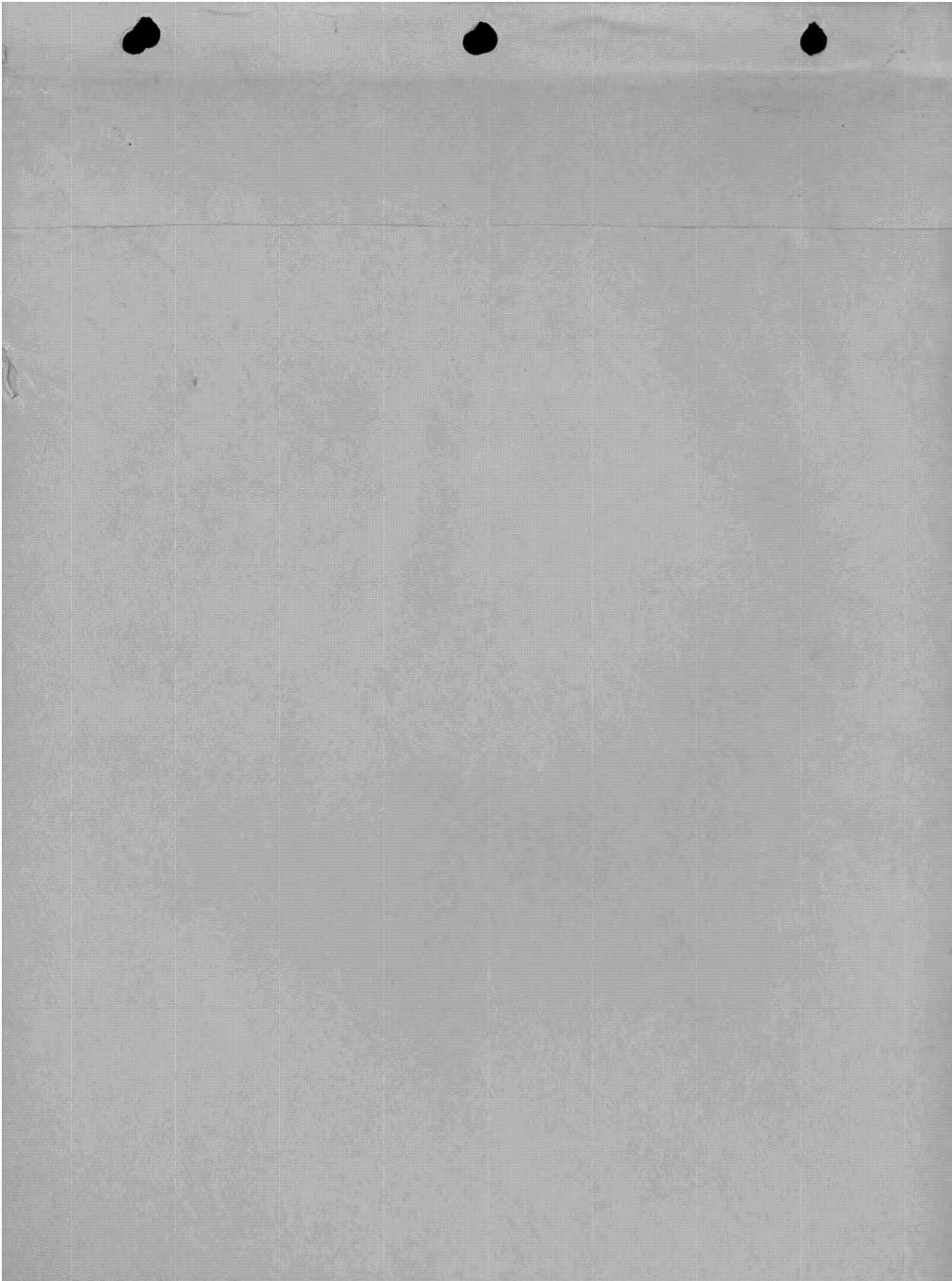
MY COMMISSION EXPIRES  
NOVEMBER 14, 1905.

Received and filed in the office of the Commissioner of Railroads, this

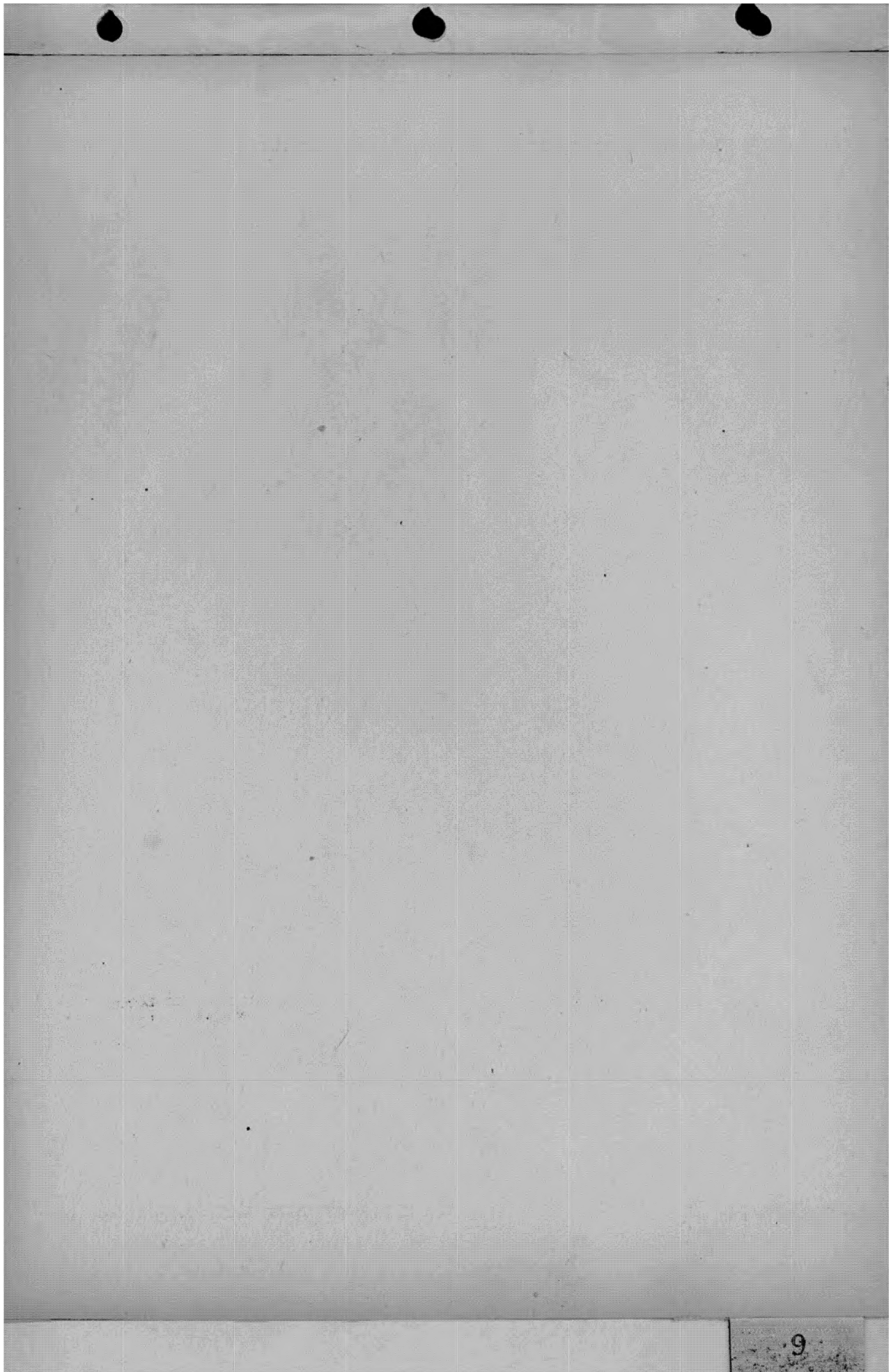
day of \_\_\_\_\_ 1905.

\_\_\_\_\_  
Commissioner of Railroads.





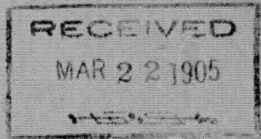






DO NOT FOLD OR ROLL THIS BOOK.

# ANNUAL REPORT



OF THE

*Mining*

RAIL *Way* COMPANY

TO THE

# COMMISSIONER OF RAILROADS

FOR THE

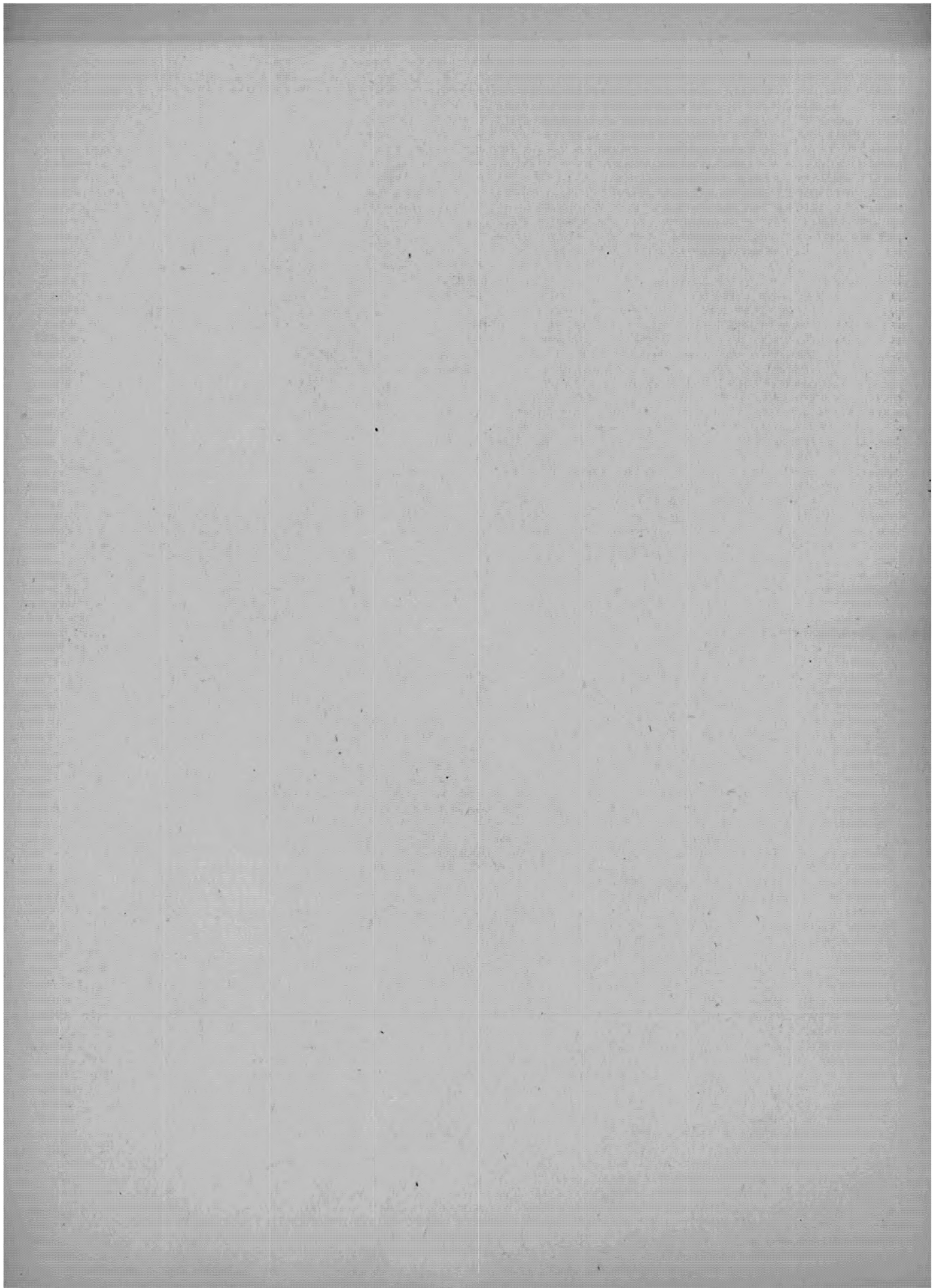
# STATE OF MICHIGAN



1904

LANSING  
WYNKOOP HALLENBECK CRAWFORD CO., STATE PRINTERS  
1904

1904-E-34



# ANNUAL REPORT

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FOR THE

# STATE OF MICHIGAN



# 1904

LANSING  
WYNKOOP HALLENBECK CRAWFORD CO., STATE PRINTERS  
1904



## Important Circular—Please Read.

OFFICE OF THE COMMISSIONER OF RAILROADS, }

*Lansing, Mich., January 1, 1905.* }

To Auditing and Accounting Officers Reporting to the Commissioner of Railroads for the State of Michigan:

Following are the blanks upon which you will please make up your returns to this office as required by law for the fiscal year ending December 31, 1904.

The forms now sent do not vary materially from those transmitted last year, and include no interrogatories not essential to a proper understanding at this department of the business and condition of your company during the year for which the report is made.

In the preparation of your report be careful to observe the following particulars:

1st. Answer all interrogatories in full as the same imply, and in any case do not refer to replies given in former years.

2nd. Carefully make all computations and footings as intended by the blanks, so that they may be checked at this office.

3rd. Be careful not to include earnings and expenses of your leased or proprietary roads with those of your main line, in the statements intended to show each separately.

4th. In case of the corporate reports of your leased or proprietary roads you *must* have them verified by the officers of the corporation proper, *and not by those of the lessee company*. This is requirement of law, and unless complied with the report will not be accepted at this office.

5th. Prepare the reports in triplicate, sending the original and duplicate to this office on or before the first of April next.

Very truly yours,

THERON W. ATWOOD,

*Commissioner of Railroads.*



OFFICERS OF THE COMPANY, WITH LOCATION OF OFFICES.

OFFICIAL POSITION.	NAME.	LOCATION OF OFFICE.
President,	Wm G Mather	Cleveland, Ohio
Vice-President,	E. R. Perkins	Willoughby "
Secretary,	R. C. Mann	Cleveland "
Auditor,	H. A. S. John	Marquette Mich
Treasurer,	Wm G. Mather	Cleveland, Ohio
General Manager,	H. R. Harris	Marquette Mich
<del>General</del> Superintendent,	Arthur Ward	Munising "
Assistant General Superintendent,		
Division Superintendents,		
Chief Engineer,	R. C. Young	Marquette Mich
Superintendent of Telegraph,		
Cashier,		
General Passenger Agent,	H. A. S. John	Marquette Mich
General Freight Agent,	H. A. S. John	" "
Attorney,	Wm A Belden	Isipeming "
Receiver,		

Give name and address of officer to whom correspondence regarding this report should be addressed,

NAME *H. A. S. John* TITLE *Auditor* ADDRESS *Marquette Mich*

## DIRECTORS.

NAME.	POSTOFFICE ADDRESS.	TERM EXPIRES.
J. N. Wade	New York, N. Y.	July 25 <sup>th</sup> 1905
Wm. G. Mather	Cleveland, Ohio	" "
E. R. Perkins	Willoughby "	" "
J. H. Hoyt	Cleveland "	" "
Samuel Mather	Cleveland "	" "

## STOCKHOLDERS, STOCK AND GENERAL OFFICES.

1. When chartered or articles of association filed,

*July 20<sup>th</sup> 1895*

2. Number of stockholders at date of last election,

3. Number of stockholders in Michigan at same time,

4. Amount of full paid stock held in Michigan at same date, \$

5. Date of annual meeting of stockholders,

*Last Tuesday in July  
December 31<sup>st</sup>*

6. Fiscal year of company ends,

7. General offices of the company are located at

*Marquette Mich.*

REMARKS.

## REPORT

Of the

*Mining*

Rail Way Company,

FOR THE YEAR ENDING DECEMBER 31, 1904

GENERAL EXHIBIT.		DEBIT.	CREDIT.
1.	Total earnings from operation,		11137315
2.	Total expenses, including taxes,	10162120	
3.	Net income or deficit,		975195
4.	Interest on funded debt,	640000	
5.	Interest on unfunded debt,	2783997	
6.	Rentals of buildings, tracks, etc.,		
7.	Rentals of engines and cars,		
8.	Balance applicable to dividends,		
9.	Dividends declared ( per cent),		
10.	Balance for the year,	2448802	
11.	Balance (profit and loss) last year,	6970092	
12.	*Items not included in above, as follows,	98025	
13.	Balance forward to next year,	9516919	

## ANALYSIS OF CAPITAL STOCK.

1.	Amount authorized by charter or articles of association,		87000000
2.	Par value of shares,	100	
3.	Number of shares issued,	8700	
4.	Amount paid in on common,		87000000
5.	Amount paid in on preferred,		
6.	Amount paid in on shares not issued (number),		
7.	Total amount paid in, as per books of the Company,	8700	87000000
8.	Paid in per mile of road owned, by company <sup>Proposed</sup> 87 Miles,		10000000

\*This answer should include as debits all disbursements for outlays not included in foregoing items, fixed charges, or operating expenses proper, also, as credits, receipts for other than earnings made from the operating of the road, or otherwise connected with the property, such as interest on securities, dividends on stock held by company, etc., etc., not taxable income.



## ANALYSIS OF DEBT ACCOUNTS.

## I. FUNDED DEBT.

CLASS, CHARACTER AND DATE OF ISSUE.	RATE OF INTEREST.	WHEN DUE.	WHERE PAYABLE.	AMOUNT OUTSTANDING.
4% Gold Bonds	4%	Oct 1 <sup>st</sup> 1925	Cleveland, Ohio	16000000
Total funded debt,				\$ 16000000

## 2. UNFUNDED DEBT.

FOR WHAT INCURRED?	IS THE SAME TO BE FUNDED OR HOW LIQUIDATED.	AMOUNT.
For construction,		67934588
For equipment,		
For real estate,		
For renewals,		
For miscellaneous,		1948834
For current balances,		7446692
Total unfunded debt,		\$ 77330114

## 3. RECAPITULATION.

Total funded debt,		16000000
Total unfunded debt,		77330114
Total debt liabilities,		\$ 93330114
Amount of debt liabilities per mile of road [ $62\frac{93}{100}$ miles],		1483078
Total amount of stock and debt,		\$ 180790933
Stock and debt per mile of road [ $62\frac{93}{100}$ miles],		2872889

## GENERAL BALANCE SHEET.—Dr.

1. Construction account,		69811230		
2. Equipment account,		9890826		
3. Other investments (specifying same.)	<i>Permanent Contractors etc.</i>	41423250		
	<i>Land Department</i>	42664628		
	<i>Wm G. Mather, Trustee</i>	2222365		
				166012299
4. CASH ITEMS:				
Cash,		460819		
Bills receivable,				
Due from agents,		1669422		1208603
5. OTHER ASSETS:				
Material and supplies,		2721132		
Sinking funds,				
*Debit balances from companies and individuals,		811795		
	<i>Improvement Accounts</i>	17600		
	<i>Insurance Suspense</i>	41766		
	<i>Deficit</i>	9516919		13109212
6. Total,			\$	180330114

Give the aggregate of the Debit Balances and do not deduct your own liabilities from the amount of the item.

GENERAL BALANCE SHEET.—Cr.

1. Capital Stock,				87000000			
2. Funded debt,				16000000			
							103000000
3. UNFUNDED DEBT:*							
Interest unpaid,				160000			
Dividends unpaid,							
Notes payable,				37672835			
Vouchers and accounts,				37708445			
Other liabilities (list as follows):							
<i>Accrued Taxes</i>				1788834			
4. Profit and loss or income accounts,							77330114
5. Total,							180330114

\*Give the total of these items, so that the total Unfunded Debt will correspond with the footing of the Unfunded Debt at page 7.

COST OF ROAD AND EQUIPMENT.

When in case of road purchased or leased, the original cost for construction and equipment can not be given by the present owners or lessees, statement below, numbered 2, may be filled up instead of one.

I. TOTAL COST FOR CONSTRUCTION AND EQUIPMENT OF ROAD AND BRANCHES BUILT BY COMPANY.

1. Total expended for construction and equipment,	\$			
2. Average cost per mile of road (not including sidings) [      miles],				
3. Proportion of cost for Michigan.*				
<i>None</i>				

2. PURCHASED BY PRESENT COMPANY.

1. When purchased,	<i>July 1<sup>st</sup> 1901</i>			
2. Original cost to present company, of road and equipment, <i>&amp; Townsite</i>		<i>410</i>	<i>670</i>	<i>61</i>
3. Amount expended since purchase, account of construction,		<i>169</i>	<i>961</i>	<i>50</i>
4. Amount expended since purchase, account of equipment,		<i>168</i>	<i>31</i>	<i>92</i>
5. Total cost to date of report,		<i>597</i>	<i>464</i>	<i>03</i>
6. Average cost per mile of road (not including sidings) [ <i>62<sup>93</sup></i> miles],		<i>949</i>	<i>410</i>	
7. Proportion of cost for Michigan.*			<i>All</i>	

\* Unless some very good reason exists to the contrary this proportion will be for the miles of road in this State compared with the whole. If made on a different basis, please state the reasons therefor.



\*CHARGES AND CREDITS TO PROPERTY DURING THE YEAR.

	EXTENSIONS AND NEW SIDINGS.	END TRACK.	NEW BUILDINGS.	NEW FENCES.	MACHINERY AND TOOLS.	NEW LOCOMOTIVES.	NEW CARS.	TOTAL.
Main line,						297480		297480
BRANCHES.	2031318							2031318
LEASED OR PROPRIETARY ROADS.								
Total charges,	\$ 2031318					297480		2328798

Total charges to property account as above, \$ 2328798  
 Property sold and credited, - - - \$ -  
 Net addition to property account, - - - \$ 2328798

\*The charges under this head should be included in the total cost as before stated, under the proper caption. The amounts here given being only for expenditures made during the year.







## \*ANALYSIS OF

## 1. PASSENGER.

	LOCAL FARES.	THROUGH FARES.	TOTAL PASSENGER FARES.	EXPRESS AND BAGGAGE.
Main line and branches, LEASED OR PROPRIETARY ROADS.—(Enter each separately.)	1746588	202659	1949247	270973
Total passenger department earnings,	1746588	202659	1949247	270973

## 2. FREIGHT.

	LOCAL TRAFFIC.	THROUGH TRAFFIC.
Main line and branches, LEASED OR PROPRIETARY ROADS.—(Enter each separately.)	5075155	3654336
Total freight department earnings,	5075155	3654336

\* This information must always be given.

EARNINGS.—In the State of Michigan.

EARNINGS.

MAILS.	OTHER SOURCES.	TOTAL.	PER TRAIN MILE.	PER MILE OF ROAD.
162350		2382570	38 <sup>1</sup>	37861
162350		2382570	38 <sup>1</sup>	37861

EARNINGS.

TOTAL TRAFFIC.	OTHER SOURCES, FREIGHT DEPARTM'T.	TOTAL.	PER TRAIN MILE.	PER MILE OF ROAD.
8729491		8729491	154	138716
8729491		8729491	154	138716

## ANALYSIS OF EARNINGS.—Continued.

1. Total transportation earnings, entire line,		11112061		
2. Transportation earnings per mile of road,		176578		
3. Transportation earnings per train mile,		136		
4. Miscellaneous receipts from operating account, other than for transportation, as follows:*		25254		
From car mileage,				
From switching charges,				
From telegraph companies,				
From rents of tracks, yards and terminals,				
From rents not otherwise provided for,				
From other sources,				
	Total,	\$ 11137315		
5. Distribution of miscellaneous earnings between main line and leased or proprietary roads,				
	COMPANY.	TOTAL MISCELLANEOUS.	PROPORTION FOR MICHIGAN.	
6. Total earnings from operation road,			11137315	
7. Total earnings per mile of road,			176979	
8. Total earnings per train mile,			128	
9. Total earning per mile of road in Michigan,			176979	
10. Income other than from earnings,			None	
11. Total income from all sources,			\$ 11137315	
12. Proportion of income for Michigan,			11137315	

\* This should include only such items as are not strictly transportation earnings, such as rents for joint use of tracks, station houses and other miscellaneous receipts connected with the property itself. Interest and dividends on stock, or securities held by the Company will be taken up in the General Exhibit, page 6, and given in answer to interrogatory 11 above.



## ANALYSIS OF EXPENSES.

## CLASS 1.—MAINTENANCE OF WAY AND STRUCTURES.

1. Repairs of Roadway,			16 220 92
2. Renewals of rails,			
3. Renewals of ties,			4 102 65
4. Repairs and renewals of bridges and culverts,			275 70
5. Repairs and renewals of fences, road crossings, signs and cattle guards,			235 67
6. Repairs and renewals of buildings and fixtures,			1 126 96
7. Repairs and renewals of docks and wharves,			4 156 40
8. Repairs and renewals of telegraph,			329 78
9. Stationery and printing,			16 34
10. Other expenses,			
	Total,	\$	26 464 42

## CLASS 2.—MAINTENANCE OF EQUIPMENT.

11. Superintendence,			636 34
12. Repairs and renewals of locomotives,			2 535 37
13. Repairs and renewals of passenger cars,			2 160 58
14. Repairs and renewals of freight cars,			2 487 88
15. Repairs and renewals of work cars,			193 66
16. Repairs and renewals of marine equipment,			
17. Repairs and renewals of shop machinery and tools,			109 00
18. Stationery and printing,			9 13
19. Other expenses,			203 76
	Total,	\$	8 335 72

## CLASS 3.—CONDUCTING TRANSPORTATION.

20. Superintendence,			1 114 95
21. Engine and roundhouse men,			9 671 20
22. Fuel for locomotives,			16 217 41
23. Water supply for locomotives,			505 96
24. Oil, tallow and waste for locomotives,			470 87
25. Other supplies for locomotives,			49 23
26. Train service,			7 036 91
27. Train supplies and expenses,			9 48 18
28. Switchmen, flagmen and watchmen,			
29. Telegraph expenses,			1 281 84
30. Station service,			5 732 90
31. Station supplies,			457 96
32. Switching charges,			
33. Car mileage,			3 083 35
34. Hire of equipment,			1 987 49
35. Loss and damage,			490 33
36. Injuries to persons,			190 00
37. Clearing wrecks,			63 40
38. Operating marine equipment,			
39. Advertising,			63 66
40. Outside agencies,			
41. Commissions,			
42. Stock yards and elevators,			
43. Rents for tracks, yards and terminals,			
44. Rents for buildings and other property,			126 30
45. Stationery and printing,			570 28
46. Other expenses,			37 68
	Total,	\$	50 119 90

## ANALYSIS OF EXPENSES.—Continued.

## CLASS 4.—GENERAL EXPENSES.

47. Salaries of general officers,		160716
48. Salaries of clerks and attendants,		201000
49. General office expenses and supplies,		50238
50. Insurance,		74066
51. Law expenses,		54952
52. Stationery and printing (general offices),		23987
53. Other expenses,		5908
54. Taxes,		1099249
TOTAL,	\$	1670116

## RECAPITULATION OF EXPENSES.

	PER CENT OF EXPENSES.	
1. Maintenance of way and structures,	26.04	2646442
2. Maintenance of equipment,	8.20	833572
3. Conducting transportation,	49.32	5011990
4. General expense, including taxes,	16.43	1670116
5. TOTAL OPERATING EXPENSES AND TAXES,		10162120
6. Operating expenses and taxes per mile of road, 62.93	161483	
7. Operating expenses and taxes per train mile run, for trains, earning revenue [Bid 27 miles],	1.25	
PROPORTION OF OPERATING EXPENSES AND TAXES FOR MICHIGAN.		10162120
8. Main line,		
* LEASED OR PROPRIETARY ROADS.		
Total proportion of Expense for Michigan,	\$	10162120
9. Percentage of expenses to earnings [91.24],		
10. Net earnings per mile of road,	15496	
11. Net earnings per train mile,	12	

## INSTRUCTIONS FOR ANSWERING QUESTIONS ON NEXT PAGE.

There shall appear on the next page *some notation* to indicate that the questions asked have not been overlooked. The word "None" may be used for a whole page; or under any column heading; or against any particular item or items, where that word expresses the *facts*. In other cases refer by note to *this page*, as for example, "See page 19," where a brief explanation should be given why specific data called for can not be returned *exactly as requested*.

In the column headed "Number," state the number of employees in each class as determined from the pay rolls on Dec. 31, 1904. It is not intended that laborers engaged in the construction of new line should be included among railway "Employees." Under "Total number of days worked" give the aggregate number of days worked by all the employees of each class named during the year covered by this report. Under "Total yearly compensation" give the aggregate compensation paid all the employees in each named class during the year covered by the report. To obtain "Average daily compensation," divide the "Total yearly compensation" of any class by the "Total number of days worked" by that class. It should be especially noted that "Number" of employees on Dec. 31, 1904, is not to be accepted as a basis for computing "Average daily compensation."

In returning "General Officers" state the total number on page 20, give below on this page (19) the number receiving no compensation, if there are any such, and compute the "Average daily compensation" for this class on the basis of those only receiving compensation. In case the "General Officers" and "General Office Clerks," returned in the financial report of a subsidiary road, are not in service the entire time during the year, there may be entered as "Total number of days worked" (provided no accurate record of such service has been kept) the number of days fairly representing the time devoted to the affairs of the company during the year.

Under the head of "Other Officers," give all officers not included among "General Officers" nor properly classed as "General Office Clerks."

Under "Distribution of Above," data should be given only against the four subheadings printed, and in making the distribution called for, if nothing is to be returned opposite any one or more of these subheadings, the same should be explained briefly, especially when figures are returned on pages 17 and 18 under the four corresponding subheadings of "Operating Expenses." The four items against each "Total" in the lower part of the table should *agree exactly* with similar entries opposite corresponding "Total" above; the same remark applies to data returned against "Less 'General Officers.'"

## EXPLANATORY REMARKS.



## EMPLOYEES AND SALARIES—STATE OF MICHIGAN.

CLASS.	NUMBER.	TOTAL NUMBER OF DAYS WORKED.	TOTAL YEARLY COMPENSATION.	AVERAGE DAILY COM- PENSATION.
General Officers,	4	1464	177466	121
Other Officers,	1	366	171600	470
General Office Clerks,	2	732	161737	221
Train Dispatchers,				
Station Agents,	6	2561	364143	142
Other Station Men,	3	1421	151239	107
Enginemen,	4	1323	457888	346
Firemen,	4	1323	261475	199
Conductors,	4	1260	353411	281
Other Trainmen,	5	1895	371645	195
Machinists,	1	221	52430	239
Carpenters,	2	847	195534	231
Other Shopmen,	5	1739	356802	206
Section Foremen,	9	3194	527593	165
Other Trackmen,	15	4765	738667	155
Switchmen,				
Flagmen and Watchmen,				
Telegraph Operators,	1	366	111000	303
Employees—account Floating Equipment,				
All other Employees and Laborers,	1	366	54000	147
TOTAL (Including "General Officers")—MICHIGAN,	67	23843	4507130	189
Less "General Officers,"	4	1464	177466	121
TOTAL (Excluding "General Officers")—MICHIGAN,	63	22379	4329664	193
DISTRIBUTION OF ABOVE:				
General Expenses,	7	2562	510803	199
Maintenance of Way and Structures,	27	9172	1515794	165
Maintenance of Equipment,	6	1960	409732	209
Conducting Transportation,	27	10149	2070801	204
TOTAL (Including "General Officers")—MICHIGAN,	67	23843	4507130	189
Less "General Officers,"	4	1464	177466	121
TOTAL (Excluding "General Officers")—MICHIGAN,	63	22379	4329664	193
TOTAL (Including "General Officers")—ENTIRE LINE,	67	23843	4507130	189

DESCRIPTION OF ROAD.

1. \*Date when the road was opened for use between its present termini:

FROM	To	DATE
Munising Mich	Little Lake Mich	Nov 30 <sup>th</sup> 1897
Stillman "	Foster Jet. "	July 1 <sup>st</sup> 1902
Hartho "	Petrel "	" "
Foster Jet. "	Ethel "	" "
Vail "	Acker "	June 1 <sup>st</sup> 1899

MAIN LINE.

Miles. 100ths. Miles. 100ths.

In Other States.	2. †In Michigan, from	Munising	to	Little Lake	3800	
	"	from		to		
	"	from		to		
	"	from		to		
3.	Total Length Completed,					3800
4.	Length of double track on main line,					
BRANCHES.						
Name of Each.	East Branch	from	Stillman	to	Foster Jet.	1411
	Roscester	from	Hartho	to	Petrel	745
	Foster	from	Foster Jet.	to	Ethel	181
	Acker	from	Vail	to	Acker	156
5.	Total length of branches owned by company,					2493
6.	" " " " " " " in Michigan,				all	
7.	" " road belonging to this company,					6293
8.	" " " " " " " in Michigan,					6293
9.	‡Aggregate length in Michigan of sidings, spurs and other tracks not above enumerated,					2200
10.	‡Aggregate length of tracks in Michigan belonging to this company, computed as single track,					8493
11.	Gauge of track 4 feet 8 1/2 inches,					

\*Give main line and branches separately with a full description of each.—COM. OF RAILROADS.  
 †Length in all cases to be given in miles and decimals. Give main line and branches separately with a full description of each.  
 ‡These two items are of importance to the department, and it is desired that the answers should be accurately given.

## DESCRIPTION OF ROAD.—Continued.

PROPRIETARY OR LEASED ROADS OPERATED BY THIS COMPANY.	TOTAL MILES.		IN MICHIGAN.	
1. Name, description and length of each, <i>None</i>				
2. Total,				
3. Total miles operated by the company				

## NUMBER OF BRIDGES AND TRESTLES IN MICHIGAN.

1. Wooden bridges, number of ; aggregate length, feet,	
2. Stone " " ; " " "	
3. Iron " " ; " " "	
4. Combin't'n " " ; " " "	
5. Wooden trestles, " // ; " " "	<i>1320</i>
6. TOTAL,	<i>1320</i>



DESCRIPTION OF ROAD.—Continued.

DRAW BRIDGES IN MICHIGAN.

1. How many on your line? *None*
2. Where located, when built, and length of draw span,
3. Character of structure,
4. Material of which constructed,
5. Height above water and depth of water under bridge,
6. How swung, by engine or hand power,
7. Approaches straight or curved,
8. Do you require all trains to come to full stop before crossing a draw, and how are they signaled?

CROSSINGS—RAILROAD AND HIGHWAY.

1. What railroads cross your road at grade in this State, and at what locality?

*Duluth South Shore & Atlantic* R. R. at *Evelyn, Mich*  
 R. R. at  
 R. R. at  
 R. R. at  
 R. R. at  
 R. R. at  
 R. R. at  
 R. R. at

2. What railroads cross your road either over or under your grade in this State, and where?

Over. *D. S. & A.* R. R. at *Munising Junction*  
 R. R. at  
 Under.— R. R. at  
 R. R. at

DESCRIPTION OF ROAD.—Continued.

CROSSINGS—RAILROAD AND HIGHWAY.

3. At what crossings are interlocking and derailing switches in operation?

*Enclon*

4. What pattern or patterns have you adopted?

*2<sup>nd</sup> Class machine installed by Union Switch & Signal Company*

5. Number of crossings of highways at grade in this State,

6. Number of crossings of highways at grade in this State at which there are gates or flagmen,

7. Number of crossings at which there are electric or automatic signals,

8. What pattern or patterns in use?

9. Number of crossings of highways over or under railroad [Over . Under ].

10. Number of highway bridges 18 feet above track,

11. Number of highway bridges, less than 18 feet above track,

12. Have safety guards been erected at overhead obstructions?

13. Are your frogs and guard rails blocked as required by Act 174, Session Laws, 1883?

14. How are they treated? *Wooden blocks*

*None* 20  
.  
.  
.  
.  
*Yes*

STATIONS.

1. Number of stations on whole lines,

2. Same in Michigan,

*6*  
*6*

EMPLOYEES.

1. Number of persons regularly employed on all roads operated by company, including officials,

2. Same in Michigan,

*67*  
*67*

3. Classify your employees as per following list:

NUMBER.

Baggagemen,

Brakemen,

Conductors,

Engineers,

Firemen,

Laborers,

Shopmen,

Yardmen,

Others,

*5*  
*4*  
*4*  
*4*  
*31*  
*6*  
*13*

## DESCRIPTION OF ROAD.—Continued.

## REPAIRS AND RENEWALS.

## FENCING IN MICHIGAN.

1. How many miles of fencing have you?
2. Give the number of miles required to complete fence both sides of your track in Michigan, and the counties in which needed:

*Alger & Marquette*

1258

Total miles required,

## ROAD BED AND TRACK.

1. Number of track sections in Michigan,
2. Average length of sections (miles),
3. Average number of men in each section gang,
4. Number of new ties put in whole line during the year,
5. Number of new ties put in track in Michigan,
6. Average number of new ties per mile of road,
7. New rails put in track,
  - Iron [tons      ] miles,
  - Steel [tons     ] miles,
8. Total miles of track laid with new rails,

10

6.3

↓

12374

12374

## BRIDGES AND CULVERTS.

1. Amount of trestlework replaced with earth during the year (linear feet),
2. Timber culverts replaced during year,
  - With iron pipe,—number,
  - With sewer pipe,—number,
  - With timber,—number,

*None*  
*None*



## DESCRIPTION OF ROAD.—Continued.

3. New bridges built during the year—Number.

*None*

LOCATION.	KIND.	MATERIAL.	MONTH BUILT.	FEET IN LENGTH.

## ROLLING STOCK.

	NUMBER.	PRESENT ESTIMATED VALUE.
1. Number of locomotives of more than 30 tons weight, exclusive of tender,	5	1519792
2. Number of locomotives of 20 to 30 tons weight, exclusive of tender,		
3. Number of locomotives of 10 to 20 tons weight, exclusive of tender,		
TOTAL LOCOMOTIVES,	5	1519792
4. Number of passenger cars—12-wheel, including official cars,	3	579907
5. Number of passenger cars—8-wheel, including official cars,	2	286463
6. Number of express and baggage cars,		
7. Number of box freight cars,	1	16612
8. Number of stock cars,		
9. Number of platform cars,	101	2662198
10. Number of ore cars,		
11. Number of conductors' way cars,	1	41529
12. Other cars as follows:		
Total, No. Cars,	108	3586709
Total, Engines and Cars,	113	1519792
		\$ 5106501
13. Number of locomotives equipped with power brakes,	5	
14. Number of passenger-train cars equipped with power brakes,	5	
15. Number of freight cars equipped with power brakes,	101	
16. What pattern of power brakes have you in use, and number of locomotives and cars with each?		

*5 Locomotives, 101 Flat Cars & 5 Coaches equipped with Westinghouse*

ROLLING STOCK.—Continued.

- 18. Are your freight cars being equipped with automatic couplers as required by Act No. 147, Session Laws of 1885, as amended by Act No. 88, Session Laws of 1887? *Yes*
- 19. What pattern or patterns have you adopted for use? *Lowey*
- 20. How are your passenger cars heated? *Baker Hot Water Heater*

MILEAGE, TRAFFIC, ETC.

TRAIN MILEAGE.	ENTIRE LINES.	IN MICHIGAN.
1. Miles run by passenger trains during the year,		<i>25818</i>
2. Miles run by freight trains during the year,		<i>20926</i>
3. Miles run by mixed trains,		<i>35683</i>
4. Total mileage of trains earning revenue,		<i>81427</i>

MILEAGE, TRAFFIC, ETC.—Continued.

PASSENGER TRAFFIC.—Entire Lines.

	NUMBERS.	MILES.		RATE.	
		Dollars.	Cts.	Dollars.	Cts.
1. Number of through passengers carried, earning revenue,					
2. Number of local passengers carried, earning revenue,					
3. Total number of passengers carried, earning revenue,					
4. Number of passengers carried one mile,					
5. Average distance carried,					
6. Average amount received from each passenger,					
7. Average receipts per mile for through passengers,					
8. Average receipts per mile for local passengers,					
9. Average receipts per passenger per mile for all passengers,					
10. Estimated cost of carrying each passenger one mile,					

\*PASSENGER TRAFFIC.—In State of Michigan.

	NUMBERS.	MILES.		RATE.	
		Dollars.	Cts.	Dollars.	Cts.
1. Number of through passengers carried, earning revenue,	1397				
2. Number of local passengers carried, earning revenue,	48287				
3. Total number of passengers carried, earning revenue,	49674				
4. Number of passengers carried one mile,	719904				
5. Average distance carried,			14.5		
6. Average amount received from each passenger,					39
7. Average receipts per mile for through passengers,					03 <sup>6</sup>
8. Average receipts per mile for local passengers,					02 <sup>6</sup>
9. Average receipts for passenger per mile for all passengers,					02 <sup>2</sup>
10. Estimated cost of carrying each passenger one mile,					No Account

\*This information must always be given.



MILEAGE, TRAFFIC, ETC.—Continued.

FREIGHT TRAFFIC.—Entire Lines.

	TONS.		MILES.		RATE.	
					Dollars.	Cts.
1. Number of tons of through freight carried, earning revenue,						
2. Number of tons of local freight carried, earning revenue,						
3. Total tons of freight carried, earning revenue,						
4. Total mileage of through freight,						
5. Total mileage of local freight,						
6. Total freight mileage or tons carried one mile,						
7. Average ton haul for through freight,						
8. Average ton haul for local freight,						
9. Average ton haul for all freight,						
10. Average amount received for each ton haul,						
11. Average receipts ton per mile, for through freight,						
12. Average receipts ton per mile, for local freight,						
13. Average receipts ton per mile, for all freight,						
14. Estimated cost of carrying one ton one mile,						

\*FREIGHT TRAFFIC.—In State of Michigan.

	TONS.		MILES.		RATE.	
					Dollars.	Cts.
1. Number of tons of through freight carried, earning revenue,	55534					
2. Number of tons of local freight carried, earning revenue,	344694					
3. Total tons of freight carried, earning revenue,	400228					
4. Total mileage of through freight,			1667468			
5. Total mileage of local freight,			4838381			
6. Total freight mileage or tons carried one mile,			6505849			
7. Average ton haul for through freight,				30		
8. Average ton haul for local freight,				14		
9. Average ton haul for all freight,				16		
10. Average amount received for each ton haul,						
11. Average receipts ton per mile, for through freight,						22
12. Average receipts ton per mile, for local freight,						02 <sup>2</sup>
13. Average receipts ton per mile, for all freight,						01 <sup>1</sup>
14. Estimated cost of carrying one ton one mile,						01 <sup>2</sup>
						No Account

\*This information must always be given.

## FREIGHT TRAFFIC MOVEMENT.—Entire Line.

[COMPANY'S MATERIAL EXCLUDED.]

COMMODITY.	FREIGHT ORIGINATING ON THIS ROAD, WHOLE TONS.	FREIGHT RECEIVED FROM CONNECTING ROADS AND OTHER CARRIERS, WHOLE TONS.	TOTAL FREIGHT TONNAGE.	
			WHOLE TONS.	PER CENT.
Products of agriculture. { Grain, Flour, Other mill products, Hay, Tobacco, Cotton, Fruit and vegetables, Potatoes,				
Total,				
Products of animals. { Live stock, Dressed meats, Other packing house products, Poultry, game and fish, Wool, Hides and leather,		<i>None</i>		
Total,				
Products of mines. { Anthracite coal, Bituminous coal, Coke, Ores, Stone, sand and other like articles, Salt,				
Total,				
Products of forest. { Lumber, Logs, Shingles,				
Total,				
Manufac- tures. { Petroleum and other oils, Sugar, Naval stores, Iron, pig and bloom, Iron and steel rails, Other castings and machinery, Bar and sheet metal, Cement, brick and lime, Agricultural implements, Wagons, carriages, tools, etc., Wines, liquors and beers, Household goods and furniture,				
Total,				
Merchandise, Miscellaneous: Other commodities, not mentioned above,				
TOTAL TONNAGE,				

\*FREIGHT TRAFFIC MOVEMENT.—In State of Michigan.  
[COMPANY'S MATERIAL EXCLUDED.]

COMMODITY.		FREIGHT ORIGINATING ON THIS ROAD.	FREIGHT RECEIVED FROM CONNECTING ROADS AND OTHER CARRIERS.	TOTAL FREIGHT TONNAGE.	
		WHOLE TONS.	WHOLE TONS.	WHOLE TONS.	PER CENT.
Products of agriculture.	Grain,	69	1462	1531	38
	Flour,		1020	1020	25
	Other mill products,		666	666	17
	Hay,	50	2249	2299	57
	Tobacco,				
	Cotton,				
	Fruit and Vegetables, Potatoes,	15	155 131	155 1463	08
	Total,	134	5683	5817	145
Products of animals.	Live stock,	20	74	94	02
	Dressed meats,		1456	1456	36
	Other packing house products, Poultry, game and fish,				
	Wool,				
	Hides and leather,	801	106	907	23
	Total,	821	1636	2457	61
Products of mines.	Anthracite coal,		1248	1248	31
	Bituminous coal,		7267	7267	182
	Coke,		35	35	
	Ores,		20831	20831	521
	Stone, sand and other like articles, Salt,	1520	4625 30	6145 30	154
	Total,	1520	34036	35556	888
Products of forest.	Lumber,	26085	4987	31072	776
	Logs,	33712	4936	38648	966
	Shingles,	5211		5211	130
	<i>Wood</i>	251287	1623	252910	6320
		Total,	316295	11546	327841
Manufac- tures.	Petroleum and other oils,		103	103	
	Sugar,		119	119	
	Naval stores				
	Iron, pig and bloom,		10695	10695	267
	Iron and steel rails,				
	Other castings and machinery,	12		12	
	Bar and sheet metal,	31	2501	2532	63
	Cement, brick and lime,		15	15	
	Agricultural implements,	1677	1122	2799	70
	Wagons, carriages, tools, etc.,				
	Wines, liquors and beers,		556	556	14
	Household goods and furniture,	30	118	148	11
<i>Paper</i>	1064	30	1094	27	
	Total,	2814	15259	18073	452
Merchandise,	1886	5074	6960	174	
Miscellaneous: Other commodities, not mentioned above,	281	3243	3524	88	
	TOTAL TONNAGE,	323751	76477	400228	10000

\*This information must always be given.



ADDITIONAL QUESTIONS.

EXPRESS COMPANIES.

1. What express companies run on your road, and on what terms and what conditions as to rates, etc.; what kind of business is done by them, and do you take their freights at the depot, or at the office of such express companies?

*American Express Co.  
The Mumfry Co. receives a certain rate per  
100 lbs. Freight is delivered and received at Railway  
Co. Depots.*

TELEGRAPH.

2. Number of miles of telegraph on your road, and to whom does it belong? *48*

*Western Union Telegraph Co. 38 miles  
Marquette & Southeastern Ry. Co. 10 "*

TRANSPORTATION COMPANIES.

*Co-operative freight lines are not to be reported.*

*Sleeping, Drawing-room, and Palace Car Companies.*

3. What sleeping, drawing-room, chair or other palace passenger cars, not the exclusive property of your own or some other railroad company, have, during the year, been in use on your road in the State of Michigan, and on what terms? If rented by you, or allowed mileage between local points in this State, what was the amount paid for the use of such cars during the period under report?

NAME OF COMPANY.	GENERAL OFFICE.	AMOUNT PAID.
<i>None</i>		

\* This information must always be given.

## ADDITIONAL QUESTIONS.—Continued.

## Fast Freight Lines.

5. To what fast freight lines, or other transportation companies, running cars upon your road, not the exclusive property of any railroad company paying taxes in this State, upon its gross receipts, have you paid car mileage or car rentals for the use of each cars, while in use for traffic between local points in this State, and what was the amount of such car rental or mileage paid?

NAME OF COMPANY.	GENERAL OFFICE.	AMOUNT PAID.
Morris Refrigerator Line	Chicago, Ill.	194
Milwaukee Refrig Transit Co.	Milwaukee Wis	836
American Refrig. Transit Co.	St. Louis, Mo	126
Santa Fe Refrig Dispatch Co.	Topeka Kan.	72
Shulls Western Stable Car Line	Chicago Ill	132
Swifts Refrigerator Line	Chicago Ill	1336
Union Refrig Transit Co.	St. Louis Mo	342
National Car Line	Chicago Ill	120
C. N. Y. & B. Refrig Co.	Boston Mass	57
North & South Roll. Stock Co.	St. Louis Mo	45
Cold Blast Transit Co.	Chicago Ill	159
Mather Horse & Stock Car Co.	Chicago Ill	92
Armour Car Line	Chicago Ill	161
Ludwig Milw Refrig Line	Milwaukee Wis	3057

## \*REPORTS OF ACCIDENTS FOR MICHIGAN DURING THE YEAR 190.....

## KILLED.

DATE.	NAME AND OCCUPATION.	PLACE.	CAUSE AND RESPONSIBILITY FOR ACCIDENT.
Oct 10 <sup>th</sup> 1904	Isaac Johnson (The passenger)	Chatham	Ran over by train Coroner's jury attached no blame to Company

\* In giving "cause and responsibility for accidents," details are not required. Simply say, "fell from train," "caught foot in frog," "highway collision," "coupling," "trespasser," or as the case may be, and add "purely accidental," "from lack of caution," or "carelessness," as the facts were. In case of inquest, report company responsible or not according to verdict.











TABULAR STATEMENT OF ACCIDENTS IN MICHIGAN.

CAUSE OF ACCIDENT.	KILLED.			INJURED.		
	PASSENGERS.	EMPLOYEES.	OTHERS.	PASSENGERS.	EMPLOYEES.	OTHERS.
Collisions,						
Coupling cars,						
Derailments,						
Falling from trains,						
Frogs,						
Getting on and off trains,						
Highway crossings,						
Miscellaneous,						
Overhead obstructions,						
Trespassers on trains,						
Trespassers on tracks,			/			
TOTAL,			/			

SUMMARY OF ACCIDENTS IN MICHIGAN.

Number of persons killed during the year, /

Number of persons injured during the year,

Number of casualties purely accidental,

Number resulting from lack of caution, carelessness, or misconduct,

Persons killed or injured while intoxicated,

Trespassers or tramps killed or injured,

Suicides,

## CLASSIFICATION OF EMPLOYEES.

KILLED OR INJURED IN MICHIGAN.

	KILLED.	INJURED.	TOTAL.
Baggagemen,			
Brakemen,			
Conductors,			
Engineers,			
Firemen,			
Laborers,			
Shopmen,			
Yardmen,			
Not classified above,			
Total,			

State of Michigan,

COUNTY OF *Marquette* } ss.

*H. R. Harris, General Manager and V. A. St. John, Auditor*  
OF THE

*Munising*

Rail *Way* Company,

being duly sworn, depose and say that they have caused the foregoing statements to be prepared by the proper officers and agents of this company, and having carefully examined the same, declare them to be a true, full and correct statement of the condition and affairs of said company, on the thirty-first day of December, A. D. 1904, to the best of their knowledge and belief.

Signed,

*H. R. Harris*

*V. A. St. John Auditor*



Subscribed and sworn to before me this *20<sup>th</sup>* day of *March* A. D. 1905.

*J. Stuart Byrne*

*Notary Public*

MY COMMISSION EXPIRES  
NOVEMBER 14, 1905.

Received and filed in the office of the Commissioner of Railroads, this

day of \_\_\_\_\_ 1905.

Commissioner of Railroads.

