

ANNUAL REPORT

OF THE

MAROUFTTE & SOUTHEASTERN

RAIL RY. COMPANY

TO THE

COMMISSIONER OF RAILROADS

FOR THE

STATE OF MICHIGAN



1904

LANSING WYNKOOP HALLENBECK CRAWFORD CO., STATE PRINTERS

Important Circular-Please Read.

2

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.

3 OFFICERS OF THE COMPANY, WITH LOCATION OF OFFICES. OFFICIAL POSITION. NAME. LOCATION OF OFFICE. Am y mather Chorland Ohio President. Perkins Rillaughtery " Vice-President. Cleveland , Secretary, Auditor, Marquette Mich Mather Treasurer, holand Ohia R. Marris General Manager, Marguette Mich Arthur Ward General Superintendent, Munising Assistant General Superintendent, Division Superintendents, R.C. Jung Chief Engineers, Marquette mich Superintendent of Telegraph, Cashier, General Passenger Agent, Marquette Thick W.S. John General Freight Agent, Attorney, Receiver, Give name and address of officer to whom correspondence regarding this report should be addressed, NAME A. A. M. John TITLE Muditar ADDRESS Marquette, Mich

4 DIRECTORS. POSTOFFICE ADDRESS. TERM EXPIRES. NAME. Clovernd Ohio Willaughty "1.19. Seco Gosto Milly. Schpinning Thick Marquette " Fely 13th 1906 aller Dunean Harris

- 1. When chartered or articles of association filed,
- 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,

2nd Duesday un February Die 3151 Marquette Mich

3

3 Shares

Och 3rd 1900

- 6. Fiscal year of company ends,
- 7. General offices of the company are located at

REMARKS.

Of the Marquette Southeast For the year ending de	torn Rail	nay	Company,
GENERAL EXHIBIT.	DEBI	(т.	CREDIT.
 Total earnings from operation, Total expenses, including taxes, 	590.	5161	9505790 3600620
 Net income or deficit, Interest on funded debt, Interest on unfunded debt, Rentals of buildings, tracks, etc., Rentals of engines and cars, Balance applicable to dividends, Dividends declared (per cent), Balance for the year, Balance (profit and loss) last year, *Items not included in above, as follows, Balance forward to next year, 	404 139 25	1666 93 24 11 74 1535	36006 m
ANALYSIS OF CAP	ITAL STOCK.		
 Amount authorized by charter or articles of association, Par value of shares, Number of shares issued, Amount paid in on common, Amount paid in on preferred, Amount paid in on shares not issued (number), Total amount paid in, as per books of the Company, Paid in per mile of road owned by company—Miles, 	10000 100	F. 1 + 0	00000000

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7 ANALYSIS OF DEBT ACCOUNTS. I. FUNDED DEBT. RATE OF CLASS, CHARACTER AND DATE OF ISSUE. WHEN DUE. WHERE PAYABLE. AMOUNT OUTSTANDING. INTEREST. 1933 Cleverd this \$ 70000000 per my Goed Boals 5% Total funded debt, \$ 70000000 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, 2851938 H160154 For miscellaneous, For current balances, 1012082 Total unfunded debt, \$ 3. RECAPITULATION. 70000000 7012082 27012082 24051 24 197012082 5528172 Total funded debt, Total unfunded debt, Total debt liabilities, s Amount of debt liabilities per mile of road [3,02 miles], Total amount of stock and debt, \$ Stock and debt per mile of road [370 miles].

8 GENERAL BALANCE SHEET .- Dr. 50494777 Construction account, I. 13530819 Equipment account, 2. Other investments (specifying same.) 3. 98750000 Contracto Franchisus etc 30000000 Bonds m Dreasury 4. CASH ITEMS: Cash. Bills receivable, 140481 Due from agents, 5. OTHER ASSETS: 50 811 94 Material and supplies, Sinking funds, *Debit balances from companies 8423216 13504410 and individuals, 591535 Profit Lass 207012082 6. Total, Give the aggregate of the Debit Balances and do not deduct your own liabilities from the amount of the item.

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9 GENERAL BALANCE SHEET .-- Cr. Capital Stock, 100000000 I. 100000000 Funded debt, 2. 3. UNFUNDED DEBT:* Interest unpaid, Dividends unpaid, Notes payable, 751840 454384 Vouchers and accounts, Other liabilities (list as follows): Cash bleveland bliffs Im Co Accrued Fixed Chyo 4103877 1903981 7012082 Profit and loss or income accounts, 4. 2090120 82 Total, 5. *Give the total of these items, so that the total Unfunded Debt will correspond with the footing of the Unfunded Debt at page 7.

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	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 numbered 2, may be filled up instead of one.	lessees, state	ement belo	ж,	
	1. TOTAL COST FOR CONSTRUCTION AND EQUIPMENT OF ROAD AND BRANCHES BUIL	LT BY C	OMPANY	κ.	
t.	Total expended for construction and equipment, Average cost per mile of road (not including sidings) [372 ² miles],	s	6#0	7750 1993 1011	550
2.			17	742	207
3.	Proportion of cost for Michigan.*		-		
		<u>B</u>	1	. <u>L</u>	
	2. PURCHASED BY PRESENT COMPANY.				
			4	1	1
	When purchased,				
	A				
2.	Original cost to present company, of road and equipment,				
2. }.	Original cost to present company, of road and equipment, Amount expended since purchase, account of construction,				
2. 3.	Original cost to present company, of road and equipment, Amount expended since purchase, account of construction, Amount expended since purchase, account of equipment,				
2. 3. 4. 5.	Original cost to present company, of road and equipment, Amount expended since purchase, account of construction, Amount expended since purchase, account of equipment, Total cost to date of report,				
· · · · · · · · · · · · · · · · · · ·	Original cost to present company, of road and equipment, Amount expended since purchase, account of construction, Amount expended since purchase, account of equipment, Total cost to date of report, Average cost per mile of road (not including sidings) [miles],				
	Original cost to present company, of road and equipment, Amount expended since purchase, account of construction, Amount expended since purchase, account of equipment, Total cost to date of report,				
· · · · · · · · · · · · · · · · · · ·	Original cost to present company, of road and equipment, Amount expended since purchase, account of construction, Amount expended since purchase, account of equipment, Total cost to date of report, Average cost per mile of road (not including sidings) [miles],				
	Original cost to present company, of road and equipment, Amount expended since purchase, account of construction, Amount expended since purchase, account of equipment, Total cost to date of report, Average cost per mile of road (not including sidings) [miles],				
· · · · · · · · · · · · · · · · · · ·	Original cost to present company, of road and equipment, Amount expended since purchase, account of construction, Amount expended since purchase, account of equipment, Total cost to date of report, Average cost per mile of road (not including sidings) [miles],				
	Original cost to present company, of road and equipment, Amount expended since purchase, account of construction, Amount expended since purchase, account of equipment, Total cost to date of report, Average cost per mile of road (not including sidings) [miles],				
2. 3. 5.	Original cost to present company, of road and equipment, Amount expended since purchase, account of construction, Amount expended since purchase, account of equipment, Total cost to date of report, Average cost per mile of road (not including sidings) [miles],				
2. 3. 5.	Original cost to present company, of road and equipment, Amount expended since purchase, account of construction, Amount expended since purchase, account of equipment, Total cost to date of report, Average cost per mile of road (not including sidings) [miles],				
2. 3. 5.	Original cost to present company, of road and equipment, Amount expended since purchase, account of construction, Amount expended since purchase, account of equipment, Total cost to date of report, Average cost per mile of road (not including sidings) [miles],				
1. 2. 3. 5. 5.	Original cost to present company, of road and equipment, Amount expended since purchase, account of construction, Amount expended since purchase, account of equipment, Total cost to date of report, Average cost per mile of road (not including sidings) [miles],				

	EXTENSIONS AND NEW SIDINGS,	2ND TRACK.	NEW BUILDINGS.	NEW FENCES.	MACHINERY AND Tools,	New Locomotives.	NEW CARS.	TOTAL.
Main line,	1256 46							125646
BRANCHES.								
EASED OR PROPRIETARY ROA	ADS.							
	ala da Martin 1979 - Andre Martine, a como de la como 1979 - Andre Martine, a como de la como de		na falsana ana ana ana ana ana ana ana ana ana		na e anachrananain an ann ann	ta untraconstitutti innarrotta contant 1. ani: 1. ani:		
	na sa	ana ang ang ang ang ang ang ang ang ang	nte comunicación a concession de con-		no da 10 da partemator seculto	, panto , manganato , amangan	n - Lallace Comme	
		energia antificial consideration de la considerati		uti panananta ara tanananananan Tingta Tingta panananan sa	un en antica antica antica antica antica al est	e a constanta a		
				nteres annual transmission annual annual annual ann an annual annua	underundularan sensitiri ana sensitiri a			
Fotal charges,	\$ 175616							145646

	12	The second design of the secon		CONTRACTOR OF THE OWNER OF THE OWNER OF
			*A	NALYSIS OF
	I. PASSES	NGER.		
	LOCAL FARES.	THROUGH FARES.	TOTAL PASSENGER FARES.	Express and Baggage,
Main line and branches,				
LEASED OF PROPRIETARY ROADS (Ester each separately.)				
Total passenger department earnings,				
	2. FREI	днт.		
			LOCAL TRAFFIC.	THROUGH TRAFFIC.
N. I. Margaret Lawrence				
Main líne and branches,				
LEASED OR PROFRIETARY ROADS.—(Enter each separately.) Total freight department earnings,				
Total freight department earnings,				-

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		Ea	RNINGS.		
MAILS.	Other Sources.	Total,	PER TRAIN MILE.	Per Mile of Road.	
		Ел	RNINGS.	A contract of the second	
Total Traffic.	Other Sources. Freight Departm't,	Total.	PER TRAIN MILE.	PER MILE OF ROAD,	
	n (Annound Marson Marson)				

			·· •	NALYSIS OF
	1. PASSEN	GER.		
	LOCAL FARES.	THROUGH FARES.	TOTAL PASSENGER Fares.	EXPRESS AND BAGGAGE.
Main line and branches, LEASED OR PROPRIETARY ROADS(Enter each separately.)	9336 45	198335	1131980	250899
Total passenger department earnings,	9336 45	198335	11319 80	2 75089
<u>1994 </u>	2. FREIG			1
			Local Traffic.	THROUGH TRAFFIC
Main line and branches, Leased or Proprietary Roads.—(Enter each separately.)			7332137	418781
Total freight department earnings,			1332131	1 418781

15 EARNINGS .- In the State of Michigan. EARNINGS. MAILS. OTHER SOURCES. PER TRAIN MILE. TOTAL. PER MILE OF ROAD. 6g 1463 140 100929 1483808 1483808 69 463 40 100979 EARNINGS. OTHER SOURCES, FREIGHT DEPARTM'T. TOTAL TRAFFIC. TOTAL. PER MILE OF ROAD. PER TRAIN MILE. 77509 18 262 242065 77509 18 262 2400 65 17509 18 17509 18

	16	seen si per senta con successo que subjecto de una de mais restante de la constante de la constante de la const	
	ANALYSIS OF EARNINGS.—C	ontinued.	
Ι.	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,	1563 28	
	From rents not otherwise provided for,	105600	
	From other sources,	9136	
	Total,	\$ 271064	371064
5.	Distribution of miscellaneous earnings between main line and leased or proprietary roads,		
	COMPANY.	TOTAL MISCELLANROUS.	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,		dee
10.	Income other than from earnings,		None
11.	Total income from all sources,	\$	9505790
12.	Proportion of income for Michigan,		Keo /
	,		burr

*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 it above.

	ANALYSIS OF EXPENSES.	1
ALL Presson	CLASS IMAINTENANCE OF WAY AND STRUCTURE	
1.	Repairs of Roadway,	8.521
2.	Renewals of rails,	
3.	Renewals of ties,	
4.	Repairs and renewals of bridges and culverts,	143
5.	Repairs and renewals of fences, road crossings, signs and cattle guards,	206
6.	Repairs and renewals of buildings and fixtures,	001
7.	Repairs and renewals of docks and wharves,	218
8.	Repairs and renewals of telegraph,	18
9.	Stationery and printing, Other exceeded	
10.	Other expenses, Total,	\$ 9611
-	CLASS 2MAINTENANCE OF EQUIPMENT.	In and I Friday
11.	Superintendence,	/ / / / / / / / / / / / / / / / / / / /
12.	Repairs and renewals of locomotives,	2579 387
13.	Repairs and renewals of passenger cars,	387
14.	Repairs and renewals of freight cars,	1861
15.	Repairs and renewals of work cars,	229
16,	Repairs and renewals of marine equipment,	
17.	Repairs and renewals of shop machinery and tools,	
18.	Stationery and printing,	
19.	Other expenses,	
	Total,	\$ 5071
	CLASS 3CONDUCTING TRANSPORTATION.	
20.	Superintendence,	784
21.	Engine and roundhouse men,	
22.	Fuel for locomotives,	8819
23.	Water supply for locomotives,	343
24.	Oil, tallow and waste for locomotives,	261
25.	Other supplies for locomotives,	
26.	Train service,	314:
27.	Train supplies and expenses,	2786
28.	Switchmen, flagmen and watchmen,	603
29.	Telegraph expenses, Station service,	3476
30.	Station supplies,	508
31.	Switching charges,	
32.	Car mileage,	3
34.	Hire of equipment,	2500
35-	Loss and damage,	60
36.	Injuries to persons,	16
37.	Clearing wrecks,	454
38.	Operating marine equipment,	
39.	Advertising,	61
40.	Outside agencies,	
41.	Commissions,	
42.		
43.	Rents for tracks, yards and terminals,	448
44.	Rents for buildings and other property,	696
45.	Stationery and printing,	333
46.		143
	Total,	\$ 31071

11.00 4		ANALYSIS OF EXPENSE	ES.—Continued.		-				
48. Salaries of clerks and attendants, 49. General office expenses and supplies, 50. Insurance, 51. Law expenses, 52. Stationery and printing (general offices), 53. Other expenses, 54. Taxes, Totat, RECAPITULATION OF EXPENSES . 54. Taxes, RECAPITULATION OF EXPENSES . 55. Maintenance of way and structures, 56. Maintenance of quipment, 57. Conducting transportation, 58. General expense, including taxes, 59. Totat. OPERATING EXPENSES AND TAXES, 60. Operating expenses and taxes per mile of road, 70. Operating expenses and taxes per train mile run, for trains, carming revense $(f_0(r))$ miles]. RECOPITULATION OF EXPENSES 50. Totat. OPERATING EXPENSES AND TAXES FOR 50. Main line, 51. Main line, 52. And the expenses to earnings $[c_1, c_1^{**}]_{1,1}^{*}$. 53. Notal proportion of Expense for Michigan. 54. Once are of persent reas. 55. Total proportion of Expense for Michigan. 56. Main line, 57. Total proportion of Expense for Michigan. 58. Main line, 51. Total proportion of Expense for Michigan. 50. Percentage of expenses to earnings $[c_1, c_2, c_3, c_4, c_5]_{1,2}^{*}$. 50. Net earnings per mile of road, 51. Total proportion of Expense for Michigan. 51. Total proportion of Expense for Michigan. 52. Main line, 53. Conducting per mile of road, 54. Conducting per mile of road, 55. Total proportion of Expense for Michigan. 56. Conducting taxes on Proveman Reas. 57. Total proportion of Expense for Michigan. 58. Conducting taxes on Proveman Reas. 50. Net earnings per mile of road, 50. Total proportion of Expense to earnings [Condon for the person for the		Class 4.—General E	CXPENSES.						
 48. Salaries of clerks and attendants, 49. General office expenses and supplies, 59. Insurance, 51. Law expenses, 52. Stationery and printing (general offices), 53. Other expenses, 54. Taxes, 76. Total, 78. Conducting transportation, 60. General expenses and taxes per train mile run, for trains, carning revenue [N(D)] miles]. 71. Operating expenses and taxes per train mile run, for trains, carning revenue [N(D)] miles]. 73. Operating expenses and taxes per train mile run, for trains, carning revenue [N(D)] miles]. 74. Total proportion of Expense for Michigan. 75. Percentage of expenses to earnings [C¹, ⁽ⁿ⁾]. 76. Net carnings per mile of road, 76. Percentage of expenses to earnings [C¹, ⁽ⁿ⁾]. 76. Net carnings per mile of road, 76. Percentage of expenses to earnings [C¹, ⁽ⁿ⁾]. 76. Net carnings per mile of road, 76. Percentage of expenses to earnings [C¹, ⁽ⁿ⁾]. 77. Net carnings per mile of road, 76. Percentage of expenses to earnings [C¹, ⁽ⁿ⁾]. 77. Net carnings per mile of road, 77. Percentage of expenses to earnings [C¹, ⁽ⁿ⁾]. 77. Net carnings per mile of road, 77. Percentage of expenses to earnings [C¹, ⁽ⁿ⁾]. 77. Percentage of e	47.	Salaries of general officers,				1	ogz	84	
40. General office expenses and supplies, 36.3 50. Insurance, 10559, 51. Law expenses, 47.1 52. Stationery and printing (general offices), 57.2 53. Other expenses, 36.3 54. Taxes, 36.3 Totat, PECAPITULATION OF EXPENSES. PECAPITULATION OF EXPENSES. Insurance, 100 and structures, A diationance of way and structures, Insurance, 16 and 17.0 Second and structures, Insurance, 16 and 17.0 Second and structures, Insurance, 16 and 17.0 Conducting transportation, Conducting transportation, General expense, including taxes, I Total OPERATING EXPENSES AND TAXES, I Operating expenses and taxes per mile of road, Operating expenses and taxes per train mile run, for trains, earning revenue (5/0/1 miles). I Total proportion of Expense for Michigan, I Total proportion of Expense for Michigan, I Total proportion of Expense for Michigan, I Tot	48.	Salaries of clerks and attendants,				1			
50. Insurance, 10.55 g, 51. Law expenses, 10.55 g, 52. Stationery and printing (general offices), 378 g, 53. Other expenses, 383 g, 54. Taxes, 383 g, Totat, PECAPITULATION OF EXPEnses. Insurance, g,	49.	General office expenses and supplies,							
51. Law expenses, #71 / 1 52. Stationery and printing (general offices), 3.768 53. Other expenses, 3.83 54. Taxes, 3.83 TOTAL, RECAPITULATION OF EXPENSES. PER CENT OF EXPENSES. 1. Maintenance of way and structures, 2. Maintenance of auignment, 8.59 3. Conducting transportation, 5.76.3 4. General expense, including taxes, 5.70.13 5. TOTAL OPERATING EXPENSES AND TAXES, 10000 6. Operating expenses and taxes per train mile run, for trains, earming revue [5/0/1] miles]. 11.844.9 7. Operating expenses and taxes per train mile run, for trains, earming revue [5/0/1] miles]. 11.844.9 7. Operating expenses and taxes per train mile run, for trains, earming revue [5/0/1] miles]. 11.9 8. Main line, *Lease or Provemerasy Roams. 8 *Lease or Provemerasy Roams. 8 *Lease of expenses to carnings [6/1, 7], 10.00 9. Percentage of expenses to carnings [6/1, 7], 10.00 11.11.11.11.11.11.11.11.11.11.11.11.11.	50.	Insurance,							
52. Stationery and printing (general offices), 4.76 53. Other expenses, 358,7 54. Taxes, 7.83,18 TOTAL, RECAPITULATION OF EXPENSES. TOTAL, RECAPITULATION OF EXPENSES. Image: state of the sta	51.	Law expenses,						/	
53. Other expenses, 3587, 54. Taxes, 78318 Totat, RECAPITULATION OF EXPEnses. I Maintenance of way and structures, I Maintenance of way and structures, I Maintenance of quipment, Soft of 478 Conducting transportation, Soft of 478 Operating expense, including taxes, Soft of 478 Soft of 567 Soft of	52.	Stationery and printing (general offices),							
54. Taxes, 9 831 8 Total, RECAPITULATION OF EXPENSES. I. Maintenance of way and structures, 1. Maintenance of way and structures, 16 95 9 9 071 1 2. Maintenance of equipment, 5 59 30 71 1 5 63 31 0 028 8 3. Conducting transportation, 5 56 3 31 028 8 9 057 6 4. General expense, including taxes, 5 7 05 13 369 9 10 0 0 59 057 6 5. Total OPERATING EXPENSES AND Taxes, 100 00 59 057 6 10 844 5 6. Operating expenses and taxes per mile of road, 18 444 5 10 0 0 59 057 6 7. Operating expenses and taxes per mile of road, 18 44 5 10 0 0 59 057 6 8. Main line, *LEMEP OF DEGRETARY ROADS. 8 10 0 0 59 057 6 *LEMEP OF DEGRETARY ROADS. Y Total proportion of Expense for Michigan, 9. Percentage of expenses to earnings [b ⁰ , ¹⁰ / ₁], 1 1 S Total proportion of Expense for Michigan, S Y Total proportion of Expense for Michigan, Y Expenses to earnings [b ⁰ , ¹⁰ / ₁], Y <td colspa<="" td=""><td>53.</td><td>Other expenses,</td><td></td><td></td><td></td><td></td><td></td><td></td></td>	<td>53.</td> <td>Other expenses,</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>	53.	Other expenses,						
IS PROPY EECAPITULATION OF EXPENSES. IS Additionance of way and structures, IS Maintenance of way and structures, IS Conducting transportation, S. Conducting transportation, S. Conducting transportation, S. Conducting transportation, S. TOTAL OPERATING EXPENSES AND TAXES, IS O TOTAL OPERATING EXPENSES AND TAXES FOR MICHIGAN. Neorogeneses and taxes per mile of road, O PROPERTIME EXPENSES AND TAXES FOR MICHIGAN. S. Main line, *Leased of Propersentativ Roads. Total proportion of Expense for Michigan, S Total proportion of Expense for Michigan, S O Percentage of expenses to earnings [6, 1, 1, 1, 1, 4, 4, 1 Net earnings per mile of road,	54.	Taxes,						· .	
1. Maintenance of way and structures, 16 98 96117 2. Maintenance of equipment, 859 90711 3. Conducting transportation, 5763 310288 4. General expense, including taxes, 5763 310288 5. TOTAL OPERATING EXPENSES AND TAXES, 10000 59057 6. Operating expenses and taxes per mile of road, 18445 7. Operating expenses and taxes per train mile run, for trains, earning revenue [5]011 miles], 10000 590576 7. Noroperating expenses and taxes per train mile run, for trains, earning revenue [5]011 miles], 10000 590576 8. Main line, *LEASED OF PROFERTARY ROADS. 10000 59000 59000 *LEASED OF PROFERTARY ROADS. Total proportion of Expense for Michigan, 9. Percentage of expenses to earnings [6,1,2,1,2,1,2,1,2,1,2,1,2,1,2,1,2,1,2,1,		Total,		Ī	\$	13	289	9	
1. Maintenance of way and structures, 16 +8 9611 7 2. Maintenance of equipment, 8 59 90 71 1 3. Conducting transportation, 57 63 31 0 98 8 4. General expense, including taxes, 57 63 31 0 98 8 5. TOTAL OPERATING EXPENSES AND TAXES, 10 0 00 59 0 51 6 6. Operating expenses and taxes per mile of road, 18 44 5 7. Operating expenses and taxes per train mile run, for trains, earning revenue [5/011 miles]. 11 8 44 5 PROPORTION OF OPERATING EXPENSES AND TAXES FOR MICHIGAN. 11 8 44 5 8. Main line, *Leased or Proprint area Roads. 11 8 44 5 *Leased or Proprint area Roads. 11 8 44 5 11 8 44 5 7. Operating expenses to earnings [69.11 miles]. 11 8 44 5 11 8 44 5 8. Main line, *Leased or Proprint area Roads. 11 8 44 5 *Leased or Proprint area Roads. *Leased or Proprint area Roads. S Total proportion of Expense for Michigan, 9. Percentage of expenses to earnings [69.11 9]. 1 1 9 4 4 Total proportion of Expense to earnings [69.11 9]. S All 1 1 9 4 4 </td <td></td> <td>RECAPITULATION OF</td> <td>EXPENSES.</td> <td></td> <td></td> <td></td> <td></td> <td>-</td>		RECAPITULATION OF	EXPENSES.					-	
 Maintenance of equipment, Conducting transportation, General expense, including taxes, General expense, including taxes, TOTAL OPERATING EXPENSES AND TAXES, Operating expenses and taxes per mile of road, Operating expenses and taxes per train mile run, for trains, earning revenue [b](0!) miles]. PROPORTION OF OPERATING EXPENSES AND TAXES FOR MICHIGAN. Main line, *LEASED OF PROPERTABLY REALS. Total proportion of Expense for Michigan, Percentage of expenses to earnings [bⁿ.¹⁰], Net earnings per mile of road, 1 1 24 4. 		Maintenance of sugar and structures							
3. Conducting transportation, 5763 310788 4. General expense, including taxes, 13 *899 5. TOTAL OPERATING EXPENSES AND TAXES, 10000 590576 6. Operating expenses and taxes per mile of road, 18447 7. Operating expenses and taxes per train mile run, for trains, earning revenue [5]011 miles]. 18447 PROPORTION OF OPERATING EXPENSES AND TAXES FOR MICHIGAN. 18447 8. Main line, *LEASED OF PROPRIETARY ROADS. 10000 Total proportion of Expense for Michigan, 8 1100 9. Percentage of expenses to earnings [64. ¹⁷ / ₂], 11044 11044 10. Net earning per mile of road, 110444 110444						9	611	7	
4. General expense, including taxes, 7 2 50 13 289 9 5. TOTAL OPERATING EXPENSES AND TAXES, 100 00 59 057 6 6. Operating expenses and taxes per mile of road, 1844 5 7. Operating expenses and taxes per train mile run, for trains, earning revenue [5/0/1 miles]. 1844 5 PROPORTION OF OPERATING EXPENSES AND TAXES FOR MICHIGAN. 1844 5 8. Main line, 100 00 100 00 *LEASED OF PROPERETARY ROADS. Total proportion of Expense for Michigan, 9. Percentage of expenses to earnings [6/1, ¹¹ /2], 8 11 244 4 1 1 244 4						5	071	1	
5. TOTAL OPERATING EXPENSES AND TAXES, 10000 590576 6. Operating expenses and taxes per mile of road, 1844% 7. Operating expenses and taxes per train mile run, for trains, earning revenue [5]011 miles]. 18 PROPORTION OF OPERATING EXPENSES AND TAXES FOR MICHIGAN. 18 11 8. Main line, 12 *LEASED OF PROPRIETABLY ROADS. 10000 590576 Total proportion of Expense for Michigan. 8 11 9. Percentage of expenses to earnings [6/1.10]2, 11 11 70. Net earnings per mile of road, 11 11						. 5	078	8	
 6. Operating expenses and taxes per mile of road, 7. Operating expenses and taxes per train mile run, for trains, earning revenue [5/0/1 miles], PROPORTION OF OPERATING EXPENSES AND TAXES FOR MICHIGAN. 8. Main line, *LEASED OF PROPRIETARY ROADS. Total proportion of Expense for Michigan, 9. Percentage of expenses to earnings [6/1.¹⁹], 10. Net earnings per mile of road, 1124 4 				1		13	289	9	
7. Operating expenses and taxes per train mile run, for trains, earning revenue [5/0/1 miles], PROPORTION OF OPERATING EXPENSES AND TAXES FOR MICHIGAN. 8. Main line, *LEASED OF PROPRETARY ROADS. Total proportion of Expense for Michigan, 9. Percentage of expenses to earnings [6/?"]9, 10. Net earnings per mile of road, 11244 4			100	00		39	001	0	
PROPORTION OF OPERATING EXPENSES AND TAXES FOR MICHIGAN. 8. Main line, *LEASED OF PROPRIETARY ROADS. Total proportion of Expense for Michigan, 9. Percentage of expenses to earnings [6/1. ¹⁰⁷], 10. Net earnings per mile of road,		Operating expenses and taxes per train mile run, for				1	844	5	
*LEASED OR PROPRIETARY ROADS. Total proportion of Expense for Michigan, 9. Percentage of expenses to earnings [67. ¹⁷⁷], 10. Net earnings per mile of road, 1174 4	1	PROPORTION OF OPERATING EXPENSES AND TAXES FOR					are		
Total proportion of Expense for Michigan, \$ aee 9. Percentage of expenses to earnings $[6n, n^n]_{f,}^{f}$ 1 $n n f f_{f,}$ 10. Net earnings per mile of road, 1 $n n f f_{f,}$	8.	Main line,							
 9. Percentage of expenses to earnings [6n.¹ⁿ], 10. Net earnings per mile of road, 11 n 4 4. 		*Leased or Proprietary Roads.							
ro. Net earnings per mile of road, 1 1 224 4	9.		\$				all		
1129 1						,	Ind	16	
						/	1 VM	70	

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 of this days of the state of the state

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 Finnal Officers receive no Compensation

EMPLOYEES AND SALA	RIES-ST	ATE OF MICHI	GAN.	
CLASS.	NUMBER.	TOTAL NUMBER OF DAYS WORKED.	TOTAL YEARLY COMPENSATION.	AVERAGE DAILY COM- PENSATION.
General Officers,	4	1460	159515	109
Other Officers,	1	365		
General Office Clerks,	2	208	168000	
Train Dispatchers,	1	144	309 13	
Station Agents,	2	726	115138	
Other Station Men,	6	3094	251280	12
Enginemen,	4	592		388
Firemen,	4	586	139502	
Conductors,	3	549	169036	the device in the second
Other Trainmen,	6	831	168262	the second se
Machinists,				
Carpenters,				
Other Shopmen,				
Section Foremen,	.5	1614	270522	168
Other Trackmen,	9	3299	357053	153
Switchmen,		1		
Flagmen and Watchmen,	5	1623	393140	180
Telegraph Operators,	,	360	90000	
Employees-account Floating Equipment,	/	200	10000	000
All other Employees and Laborers,	3	356	79835	3.24
TOTAL (Including "General Officers")-MICHIGAN,	56	14307	2584892	180
Less "General Officers,"	4	1460	159515	
TOTAL (Excluding "General Officers")-MICHIGAN,	52	12847	27 7 53 77	180
DISTRIBUTION OF ABOVE:				
General Expenses,	6	2173	315515	110
Maintenance of Way and Structures,	23	6252	1084550	103
Maintenance of Equipment,	10	6.49 0	1001000	1 1/2
Conducting Transportation,	21	5882	1184827	201
TOTAL (Including "General Officers")—MICHIGAN,	56	14307	2584892 159515	180
Less "General Officers,"	in a start of the	1460	159515	109
TOTAL (Excluding "General Officers")—MICHIGAN,	52	12847	2475377	188
TOTAL (Including "General Officers")-ENTIRE LINE,	56	14307	15 84894	150

21 DESCRIPTION OF ROAD. 1. * Date when the road was opened for use between its present termini: FROM DATE Lawson July 1st 1902 Marquette MAIN LINE. Miles. Miles. tooths rooths. from Maryand (Marquette Lawson †In Michigan, 2. 2696 Other States. from to 10 55 from to Total Length Completed, 4696 3. 4. Length of double track on main line, BRANCHES. to Maish And River from Whitman 506 Rame of Each from to from to from to Total length of branches owned by company, 506 5. in Michigan, 1.5 1.6 4.6 6. 506 " road belonging to this company, 7. " " " in Michigan, 8. 3202 ‡Aggregate length in Michigan of sidings, spurs and other tracks not above Q., enumerated including hof 180 mi luned jointly with D.S. S. F. Ry 10. ‡Aggregate length of tracks in Michigan belonging to this company, computed 500 as single track, 02 11. Gauge of track of feet 8 / inches, *Give main line and branches separately with a full description of each.—Com. of RALEGADS. †Length in all cases to be given in miles and decimals. Give main line and branches separately with a full description of each, 3 These two items are of importance to the department, and it is desired that the answers should be accurately given.

		DESCRIPT	TON OF ROADCo	ontinued.		
PROPRIET	VARY OR LEASED	ROADS OPE	RATED BY THIS COMPA	ANY.	TOTAL MILES,	IN MICHIGAN.
1. Name, description	on and length of	each,				
		ha				
		non	e			
2. Total,						
3. Total miles oper	ated by the com	pany				
	Nu	IBER OF BRI	DGES AND TRESTLES I	N MICHIGAN.		
. Wooden bridges			ate length, feet,			
. Stone "		; **	44 44 44 44			
. 11011	" 1	; 4	11 11 11 11		It as a second second	80.
. Combin't'n " Wooden trestles		; "	44 44			1278.0
 Wooden trestles TOTAL, 	" 13	,				1278.0
· · · · · · · · · · · · · · · · · · ·						1220.0
					21	

DESCRIPTION OF ROAD.-Continued.

23

DRAW BRIDGES IN MICHIGAN.

nance

1. How many on your line?

2. Where located, when built, and length of draw span,

Character of structure, 3.

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.

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

D.S.S. Ha	R. R. at	Marquette	et.
M. C. V. J. (Streed Ry) Drad River	R. R. at	η	1
Arad River	R. R. at	"	1
	R. R. at		
2. What railroads cross your road	either over or under	r your grade in this State, and where?	
Over. D.S. Sta	R. R. at	Marquette	3
	[R. R. at		
Under.—	R. R. at		
	R. R. at		

24 DESCRIPTION OF ROAD .- Continued. CROSSINGS-RAILROAD AND HIGHWAY. 3. At what crossings are interlocking and derailing switches in operation? DS S. + a Ry. M. C. + O. & Ry. Drad River Marquette 4 4. What pattern or patterns have you adopted? Union Burter Lignal Ca. 5. Number of crossings of highways at grade in this State, 16 Number of crossings of highways at grade in this State at which there are gates or flagmen, 6. Number of crossings at which there are electric or automatic signals, 7. What pattern or patterns in use? Chicago CyrEquipmen Co Number of crossings of highways over or under railroad Over . Under 8.]. 9. Number of highway bridges 18 feet above track, IO. Number of highway bridges, less than 18 feet above track, II. 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? Blacked with mod 14. How are they treated? STATIONS. 1. Number of stations on whole lines, 2. Same in Michigan, EMPLOYEES. Number of persons regularly employed on all roads operated by company, including officials, Ι. 56 Same in Michigan, 2. 56 3. Classify your employees as per following list: NUMBER. Baggagemen, Brakemen, 6 Conductors, 3 Engineers, 4 Firemen, 4 Laborers, 23 Shopmen, Yardmen, Others, 16

25 DESCRIPTION OF ROAD.-Continued. REPAIRS AND RENEWALS. FENCING IN MICHIGAN. How many miles of fencing have you? Ι. 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 all in Marquette Co. Total miles required, ROAD BED AND TRACK. 1. Number of track sections in Michigan, 5.4 3 1019 1019 Average length of sections (miles), 2. 3. Average number of men in each section gang, Number of new ties put in whole line during the year, 4. Number of new ties put in track in Michigan, 5. Average number of new ties per mile of road, 32 6. 7. New rails put in track, Iron [tons] miles, Steel [tons 18 960] miles, got Raie to replace 60th Raie 8. Total miles of track laid with new rails. +14 BRIDGES AND CULVERTS. nank. Amount of trestlework replaced with earth during the year (linear feet), I .. 2. Timber culverts replaced during year, With iron pipe,-number, With sewer pipe,-number, 1 With timber,-number, 1

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3.	New bridges built during t		OF ROAD.—Continu	ed.	
	LOCATION.	KIND.	MATERIAL.	MONTH BUILT.	FEET IN LENGTH.
		none			
				1	
	at the second	and the second se			
		ROLI	ling stock.		
				NUMBER. PRE	SENT ESTIMATED VALU
I. 2. 3.	Number of locomotives of Number of locomotives of Number of locomotives of	. 2	6243:		
0			FOTAL LOCOMOTIVES,	2	6 2 4 3 -
4.	Number of passenger cars	-12-wheel, including o	fficial cars,		
5.	Number of passenger cars	-8-wheel, including off	icial cars,		
6.	Number of express and ba	aggage cars,			
7.	Number of box freight ca	rs,		25	17076:
8.	Number of stock cars,			none	
9.	Number of platform cars,			160	83387;
10.	Number of ore cars,			none	
II.	Number of conductors' wa	ay cars,	1	1	
12.	Other cars as follows:	Sleam Si	have	1	H113
		Total,	No. Cars,	186	1051773
		Total,	Engines and Cars,	188	1114403
				S.	
13.	Number of locomotives eq	uipped with power bra	kes,	2	
14.	Number of passenger-train	n cars equipped with po	ower brakes,		
15.	Number of freight cars eq			186	
	What pattern of power locomotives and cars w all Enginest Ca				
	allanding	to Caupped.	wich manuno	use	

27 ROLLING STOCK .- Continued. 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? 18. What pattern or patterns have you adopted for use? Buckeye How are your passenger cars heated? This Company sun no Passenger Cars 19. 20. MILEAGE, TRAFFIC, ETC. TRAIN MILEAGE. ENTIRE LINES. IN MICHIGAN. 21412 Miles run by passenger trains during the year, Ι. All we Michidan 59599 Miles run by freight trains during the year, 2. Miles run by mixed trains, 3. Total mileage of trains earning revenue, 51011 4.

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	MILEAGE, TRAFFIC, ET	C.—Continued.			
	Passenger Trappic E	ntire Lines.			
		NUMBERS.	MILES,	RATE Dollars,	
1. 2. 3. 4. 5. 6. 7. 8. 9.	Number of through passengers carried, earning revenue, Number of local passengers carried, earning revenue, Total number of passengers carried one mile, Number of passengers carried one mile, Average distance carried, Average amount received from each passenger, Average receipts per mile for through passengers Average receipts per mile for local passengers, Average receipts per passenger per mile for all passengers, Estimated cost of carrying each passenger one mile,	All man Marcher & day			
	*Passenger Traffic.—In St	ate of Michigan.	Miles.	RATE Dollars.	
Ι.	Number of through passengers carried, earning revenue,	4687			
2.	Number of local passengers carried, earning revenue, Total number of passengers carried, earning revenue,	10010			
3.	Number of passengers carried one mile, Average distance carried,	30563 501075	16		,37
3. 4. 5. 6. 7. 8.	Average amount received from each passenger, Average receipts per mile for through passengers, Average receipts per mile for local passengers, Average receipts for passenger per mile for all passengers,				104

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	FREIGHT TRAFFICEn	tire Lines.		
		Tons,	MILES.	RATE. Dollars, C
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,	Mun Michingur		
4.	Total mileage of through freight,	Lin		
5.	Total mileage of local freight,	Ne.		
6.	Total freight mileage or tons carried one mile,	St.		
7.	Average ton haul for through freight,	den		
8.	Average ton haul for local freight,			
9.	Average ton haul for all freight,			
10.	Average amount received for each ton haul,			
tI.	Average receipts ton per mile, for through freight,			
t2.	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.
Ι.	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,		82 6335	-
5.	Total mileage of local freight,		826335 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,			1521
II,	Average receipts ton per mile, for through freight,			0051

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,

*This information must always be given.

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nadecseent

COMMODITY.		FREIGHT ORIGINATING ON	FRFIGHT RECEIVED FROM CONNECTING ROADS	TOTAL FREIGHT TONNAGE.			
	COMMODITI		THIS ROAD. WHOLE TONS.	AND OTHER CARRIENS. WHOLE TONS.	WHOLE TONS.	PER CENT.	
Products of agriculture.	Grain, Flour, Other mill products, Hay, Tobacco, Cotton, Fruit and vegetables, Potatoes,						
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 article Salt,	Total, [–]	All and	Month			
Products of forest.	Lumber, Logs, Shingles,	Total,		S.	it.		
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, -					
	lise, eous: Other commodities, not ned above,	Total, -					

COMMODITY.		FREIGHT Originating on This Road,	FREIGHT RECEIVED FROM CONNECTING ROADS	TOTAL FREIGHT TO	NNAGE.
		WROLE TONS.	AND OTHER CARRIESS, Wurde Tons,	WHOLE TONS.	PER CENT.
	(Grain,	24	429	453	og
	Flour,		536	536	11
	Other mill products,		371	271	00
	Hay,	198	423	621	1
Products of	Tobacco,				
agriculture.	Cotton,		2.4	5	
	Fruit and Vegetables,	130	316	316	00
	Potatoes,	130		136	03
	Total,	352	1995	2327	. 140
	Live stock,	32	31	63	0
	Dressed meats,	Jr	51	a	
	Other packing house products,				
Products of	Poultry, game and fish,				
animals.	Wool,				
	Hides and leather,				
	mit				
	C Anthracite coal,	32	- 31	63	0
	Bituminous coal,	1040	463	1503	7.
	Coke,	13840 42	16	13840 58	17
Products of	Ores,	11	121161	12/16/	13 7
mines.	Stone, sand and other like articles, Salt,	1193	1245	17438	4
	Total,	16115	122885	139000	373
	Lumber,	3695	294	3989	2
Products of	Logs,	52486	5953	58439	114
forest.	Shingles,		50	50	+
	makel .	2819	246493	749292	489
	Total, Total, Total,	59000	252770	311770	612
	Sugar,		14	11	
	Naval stores		14	14	
	Iron, pig and bloom,	47363		47363	93
	Iron and steel rails,	47363 26 133	15	41	1
	Other castings and machinery,	133	781	914	10
Manufac-	Bar and sheet metal,	177		1.1	
tures.	Cement, brick and lime,	798	1331	2109	H
	Agricultural implements, Wagons, carriages, tools, etc.,			1	
	Wines, liquors and beers,				
	Household goods and furniture,	6	1	1.1.1	
		30	82	112	P
	Total,	48330	2423	50 553	00
Merchand		1190	10 22	3712	6
	eous: Other commodities, not				
mentio	ned above,	1817	563	1380	
	TOTAL TONNAGE,	146836	384469	5093.05	1000
			/	~) the set	

32 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. Mureceive Compensation based an Paundo Carried, they do a general Express duiners The take freight and pat TELEGRAPH. 2. Number of miles of telegraph on your road, and to whom does it belong? 23 miles auned by this Company (Mrd. & 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? GENERAL OFFICE. AMOUNT PAID. NAME OF COMPANY. nonto * This information must always be given

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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. Rational Carla Matter Horse Alack Carlo Armours Pafy Line Nelson Marris VCo Chicago dee 37 35 35

34 *REPORTS OF ACCIDENTS FOR MICHIGAN DURING THE YEAR 190 4 KILLED. DATE. NAME AND OCCUPATION. PLACE. CAUSE AND RESPONSIBILITY FOR ACCIDENT. Aug 15th Brigmin Balmon Marquelle Sequing to Catch moving train this acon Carlensners Noo 3rd Genera Aundbead " Alighting from moving train this acon Carleneners *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 "parely accidental," "from lack of caution," or "carelessness," as the facts were. In case of inquest, report company responsible or not according to verdict.

STATEMENT OF ACCIDENTS Continued.						
INJURED.						
DATE.	NAME AND OCCUPATION.	PLACE.	CAUSE AND RESPONSIBILITY FOR ACCIDENT.			
	none					
*	TUTIC					
1. <u> </u>						
		1				

		INJURED.		
DATE. NAME AND	OCCUPATION.	PLACE.	CAUSE AND RESPO	NSIBILITY FOR ACCIDENT.
	1.			
i i di c				
No.				

		STATEMENT	OF ACCIDENTS	-Continued.
Aprove and a second	- Andrewski i Andrewski	en e	INJURED.	
	DATE.	NAME AND OCCUPATION.	PLACE.	CAUSE AND RESPONSIBILITY FOR ACCIDENT.
	i.			
~				
	•			
			in the second	

		KILLED.		INJURED.		
CAUSE OF ACCIDENT.	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,	r					

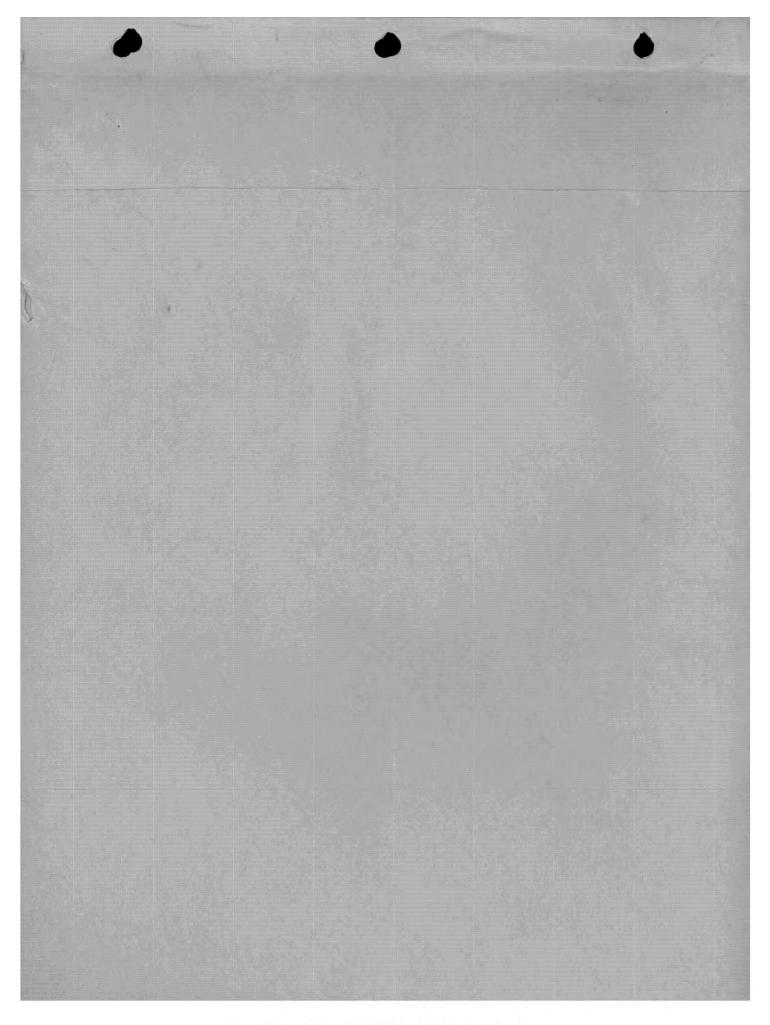
SUMMARY OF ACCIDENTS IN MICHIGAN.

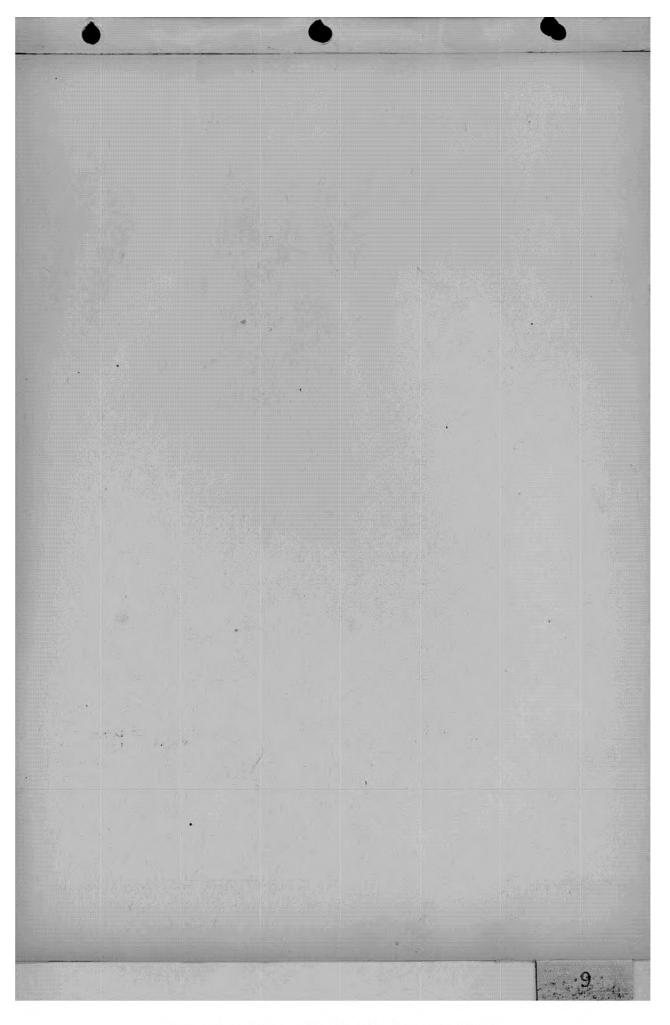
Number of persons killed during the year,		r	
Number of persons injured during the year,		none	
Number of casualties purely accidental,		ą	
Number resulting from lack of caution, carelessness, or misco	onduct,	1	
Persons killed or injured while intoxicated,		η	
Trespassers or tramps killed or injured,		d	
Suicides,		đ	

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	CLASSIFICATION OF	EMPLOYEES.			
	Killed or Injured	IN MICHIGAN.			-
			KILLED.	INJURED.	Тот
Baggagemen,					
Brakemen,					
Conductors,	4				
Engineers,	none				
Firemen,					
Laborers,					
Shopmen,					
Yardmen,					
Not classified above,	(D + 1				
	Total,				

40 State of Michigan, SS. COUNTY OF Marquette A.R. Harris Ginural Manager & A.a. Sychin 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 affiairs of said company, on the thirty-first day of December, A. D. 1904, to the best of their knowledge and belief. Signed, Harris Subscribed and sworn to before me this Noth day of March A. D. 1905. J. Stuart Byrug Notary Received and filed in the office of the Commissioner of Railroads, this 1905. day of Commissioner of Railroads.

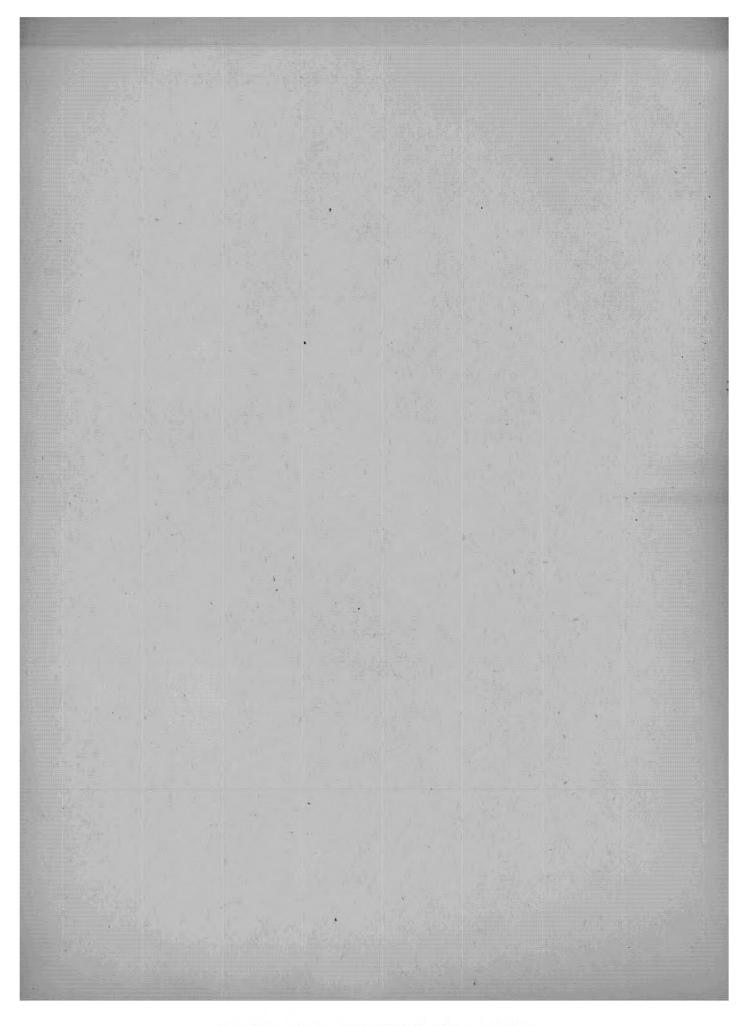




Annual Report_Mining_MS86100_2078_1904_2 of 2_490.tif

DO NOT FOLD OR ROLL THIS BOOK. RECEIVED ANNUAL REPORT MAR 2 2 1905 Andrew By the day OF THE RAIL Way COMPANY TO THE COMMISSIONER OF RAILROADS FOR THE STATE OF MICHIGAN 1904 LANSING WYNKOOP HALLENBECK CRAWFORD CO., STATE PRINTERS 1904-E-34

Annual Report_Mining_MS86100_2078_1904_2 of 2_491.tif



ANNUAL REPORT

OF THE

Munising RAIL Way COMPANY

TO THE

COMMISSIONER OF RAILROADS

FOR THE

STATE OF MICHIGAN



1904

L A N S I N G WYNKOOP HALLENBECK CRAWFORD CO., STATE PRINTERS 1994

Annual Report_Mining_MS86100_2078_1904_2 of 2_493.tif

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.

3 OFFICERS OF THE COMPANY, WITH LOCATION OF OFFICES. OFFICIAL POSITION. LOCATION OF OFFICE. NAME. 1m 9 Mathe President, Chio Vice-President, illoughby Secretary, Auditor, aquelle Treasurer, alenland General Manager, culle General Superintendent, luniang Assistant General Superintendent, Division Superintendents, Chief Engineers, hich larguette 1 ann Superintendent of Telegraph, Cashier, General Passenger Agent, quelle General Freight Agent, Attorney, Receiver, Give name and address of officer to whom correspondence regarding this report should be addressed, Ahn TITLE Auditor ADDRESS Margueth Mick NAME

4 DIRECTORS. NAME. POSTOFFICE ADDRESS. TERM EXPIRES. J. N. Wade New Jork Min Mm G. Mather Cleveland, Chio 11 a filing . 1905 E. R. Perking Willought H. Hauft Samuel Mather

STOCKHOLDERS, STOCK AND GENERAL OFFICES.

- 1. When chartered or articles of association filed,
- 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,
- 6. Fiscal year of company ends,

7. General offices of the company are located at

Lass Tuesday in July December 31th Marguette Mich.

July 20th 1895

REMARKS.

RТ Rail Way	Company,
DEBIT.	CREDIT.
10162120 640000 2783997 2448802 6970092 98025 9516919	11137315 975195
TAL STOCK.	
100 87000000 8700 87000000 87000000 8700 87000000 1000000	
	Емвек 31, 190 DEBIT. 10162120 10162120 640000 2783997 2448802 6470092 98025 9516919 516919 516919 8700000 8700 8700000

*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.

	ANALY	SIS OF DEBT ACC	COUNTS.	Α
		I. FUNDED DEBT.		
CLASS, CHARACTER AND DATE OF I	SSUE. RATE OF INTEREST.	WHEN DUE.	WHERE PAYABLE.	Amount Outstanding.
4 % Lold Bon	de 4 %	Det 1-11/925	Cleveland Chis	16000000
			-	
		Total	funded debt, \$	16000000
		2. UNFUNDED DEBT		and the second
For What Incurred?	IS THE SA	me to be Funded or H	OW LIQUIDATED.	Amount.
For construction, For equipment, For real estate,				67934588
For renewals, For miscellaneous, For current balances,				19488 34 74466 92
		Total ur	ufunded debt, \$	77330114
		3. RECAPITULATION		
Total funded debt, Total unfunded debt, Amount of debt liabilities pe	er mile of road [/ a		lebt liabilities, \$	160000 77330114 93330114 1483078 180790933 2872889
Total amount of stock and o Stock and debt per mile of r	lebt.	inicoj,	\$	1807909 33 2872889

8 GENERAL BALANCE SHEET .- Dr. 69811230 Construction account, Τ. Equipment account, 9890826 2. Other investments (specifying same.) 3. +1423250 Land Department, Mm G. Mather Trustee H2664628 2222365 166012299 4. CASH ITEMS: 460819 Cash, Bills receivable, 1208603 1669422 Due from agents, 5. OTHER ASSETS: 2721132 Material and supplies, Sinking funds, *Debit balances from companies and individuals, 811795 Improvement Jecounts mensame Suspinal 17600 41766 Deficit 9516919 13109212 \$ 180330114 6. Total. Give the aggregate of the Debit Balances and do not deduct your own liabilities from the amount of the item.

Annual Report_Mining_MS86100_2078_1904_2 of 2_500.tif

9 GENERAL BALANCE SHEET .-- Cr. 87000000 Capital Stock, Ι. Funded debt, 2. 103000000 3. UNFUNDED DEBT:* Interest unpaid, 160000 Dividends unpaid, 37672835 37708445 Notes payable, Vouchers and accounts, Other liabilities (list as follows): 1788832 account Tapes 77330114 4. Profit and loss or income accounts, Total, 5. *Give the total of these items, so that the total Unfunded Debt will correspond with the footing of the Unfunded Debt at page 7.

Annual Report_Mining_MS86100_2078_1904_2 of 2_501.tif

When in case of road purchased or leased, the original cost for construction and equipment can not be given by the present numbered 2, may be filled up instead of one.	owners or lessees, stat	ement belo	N',	
1. TOTAL COST FOR CONSTRUCTION AND EQUIPMENT OF ROAD AND BRANCHE	s Built by C	OMPANY	5	
Total expended for construction and equipment, Average cost per mile of road (not including sidings) [miles], Proportion of cost for Michigan.*	\$			
2. PURCHASED BY PRESENT COMPANY.				
When purchased, Original cost to present company, of road and equipment, & Journeile Amount expended since purchase, account of construction,		H10 169	670	61
 Amount expended since purchase, account of equipment, Total cost to date of report, Average cost per mile of road (not including sidings) [62 ⁹² miles], Proportion of cost for Michigan.* 		16 597 9	831 464 494 ace	90.

	EXTENSIONS AND New Sidings. 2ND TRACK.	NEW BUILDINGS.	NEW FEXCES.	MACHINERV AND TOOLS.	NEW LOCOMOTIVES. NEW CARS.	TOTAL.
Main line,				-	297480	297480
BRANCHES.	2031318					297480 2031318
EASED OR PROPRIETARY ROA	DS.			analises in the second second		
	ana il 1990 and 1990		n ener e a set normalisaria da sera Anti-anti-anti-anti-anti-anti-anti- National da set anti-anti-anti-anti-anti-anti-anti-anti-	na i con municipioni ana matana	namanana a fanana makana ada a ka ana ana a	nan Marina Manganan
	And a second sec					
		a Den en production de la companya de La companya de la comp	1946 - Maria I.		1	
			nan pintaan oo hindika ah hindika ah	n ga anna an ann anna an an Daonachta an an an anna an Martana an anna an anna an anna anna	and a second	
		nalist († 1. malaine – 1. sam († 1. skipler (†				
		ja opresa u processo e constanta da opresa da constanta da constanta da opresa da o	te _{pos} nario Service de la constante de la constante Service de la constante de la constante de la constante de la constante Service de la constante de la c			
fotal charges,	\$ 2031318				297480	2328798
otal charges,	\$ 2031318 Total charges to prop	perty account as	above, \$	232879	297480	232879
	Property sold and cr	edited, -	s			
	Net addition to prop	erty account,	\$	23287.9	B.,	

			*A	NALYSIS OF
	i. Passe	NGER.		
	LOCAL FARES.	THROUGH FARES.	Total Passenger Fares.	Express and Baggage.
Main line and branches,				
LEASED OR PROPRIETARY ROADS(Enter each separately.)				
		n		
		None		
Total passenger department earnings,				
4	2. Frei	GHT.		
			LOCAL TRAFFIC.	THROUGH TRAFFIC
Main line and branches,				
LEASED OF PROFRIETARY ROADS(Enter each separately.)				
Total freight department earnings,				
	M			
	Mon	e		

13 EARNINGS .- Entire Lines. EARNINGS. MAILS. OTHER SOURCES. TOTAL. PER TRAIN MILE. PER MILE OF ROAD. None EARNINGS. OTHER SOURCES. FREIGHT DEPARTM'T. PER TRAIN MILE. TOTAL TRAFFIC. TOTAL. PER MILE OF ROAD. one

			*AN	ALYSIS OF
	1. PASSEN	JER.		
	LOCAL FARES.	THROUGH FARES.	TOTAL PASSENGER FARES.	EXPRESS AND BAGGAGE.
Main line and branches, Leased of Proprietary Roads.—(Ester each separately.)	1746588	202659	1949247	27097
Total passenger department earnings,	1746588	202659	1949247	27097
	2. FREIG	нт.		
			LOCAL TRAFFIC.	THROUGH TRAFFIC
Main line and branches, LEASED OF PROPERTARY ROADS.—(Enter each separately.)			5075155	365433
Total freight department earnings,			5075155	365433

		EAR	VINGS.		
MAILS.	OTHER SOURCES.	Total.	PER TRAIN MILE,	Per Mile of Road,	
162350		2382570	38 ²	37861	
162350		2382570	382	37861	
TOTAL TRAFFIC.	Other Sources, Freight Departm't,	TOTAL.	INGS.	Per Mur or Pare	
8729A91	FREIGHT DEPARTM'T.	8729491	PER TRAIN MILE.	PER MILE OF ROAD. 138716	
8129491		8729491	1.54	138716	

	16		-
	ANALYSIS OF EARNINGS.—C	ontinued.	
г.	Total transportation earnings, entire line,	1111011	
2.	Transportation earnings per mile of road,	1112061	
3.	Transportation earnings per train mile,	11112061 176578 136	
0		1.26	
4.	Miscellaneous receipts from operating account, other than for transportation, as follows:*	252.54	
	From car mileage,	404.04	
	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,		1 28
9.	Total earning per mile of road in Michigan,		176979
10.	Income other than from earnings,		none
		3	
II.	Total income from all sources,		11137315
12.	Proportion of income for Michigan,		11137315
			1101010

* 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.			x		
per one one of	CLASS IMAINTENANCH	3 OF WAY AND STRUCTURES.	*****	9509501 (100 9951)	20122-02220200		(Nibareo
1.	Repairs of Roadway,		1	1	16	220	9
2.	Renewals of rails,					220	1
3.	Renewals of ties,				4	111	1
4.	Repairs and renewals of bridges and culverts,				"	276	17
5.	Repairs and renewals of fences, road crossings, signs and cattle gue	ards,				236	12
6.	Repairs and renewals of buildings and fixtures,				/	126	9
7.	Repairs and renewals of docks and wharves,				4	156	H
8.						324	7
9.	2 A 10					16	3
10,	Other expenses,						Į
	and the state of the second	Total,	\$		26	HbH	H
	Class 2.—Maintena	NCE OF EQUIPMENT.	31			1	
	Superintendence,					636	3
12.					2	536	3
13.					R	160	5
14.					2	487	D
15.						193	6
17.						1 11 11	1.
18.						109	1,0
19.						0 %	
1.70	source experious	Total,	8		0	200	1
20.	CLASS 3CONDUCTIN Superintendence,	NG TRANSPORTATION.			/	111	27
21.					1	114	19
22.					,7	0/1	ac .
23.	and the second sec				10	al L	10
24.	Oil, tallow and waste for locomotives,					100	14
25.	Other supplies for locomotives,					19	2
26.	Train service,				1	05%	4
27.	Train supplies and expenses,				/	618	17
28.	Switchmen, flagmen and watchmen,					100	1
29.	Telegraph expenses,				/	281	8
30.	Station service,				5	132	9
31.	Station supplies,					457	4
32.	Switching charges,					. /	1
33.	Car mileage,				3	083	13
34.	Hire of equipment,				1	987	H
35.	Loss and damage,					490	11
36.						190	0
37.	Clearing wrecks,					63	1
38.	Operating marine equipment,					1	
39.	Advertising,					63	6
40.	Outside agencies,						
41.							
42.							-
43.	Rents for tracks, yards and terminals,					101	0
44.	Rents for buildings and other property,					126	2
45.	Stationery and printing,					070	a
	Other expenses,		-			27	6
46.		Testal					
		Total,	\$		50	110	0

	ANALYSIS OF EXPENSES	5.—Continued.					
	CLASS 4GENERAL EX	(PENSES.					
47.	Salaries of general officers,					111	7 , 1
48.	Salaries of clerks and attendants,					607	
49.	General office expenses and supplies,				~	010	
50.	Insurance,					202	21
51.	Law expenses,					140	61
52.	Stationery and printing (general offices),					049	5.
53.	Other expenses,					239	0
54.	Taxes,					59	01
					10	992	M
	Total,			\$	11	101	
		1 ·			16	101	1
	RECAPITULATION OF I		1		-		
ı.	Maintenance of way and structures,	PER CENT OF EXPENSES	/			111	1
2.	Maintenance of equipment,	26			26	464	4
3.	Conducting transportation,	0.	20		0	325	17
4.	General expense, including taxes,	49	52		30	119	190
5.	TOTAL OPERATING EXPENSES AND TAXES,	16.	42		10	101	2
6.	Operating expenses and taxes per mile of road, 62.93				101	621	d
7.	Operating expenses and taxes per train mile run, for trains, earning revenue [8142] miles],	1614	83				Contraction of the second s
	PROPORTION OF OPERATING EXPENSES AND TAXES FOR MICHIGAN.		×		101	621	2
8.	Main line,						
	*LEASED OR PROFRIETARY ROADS.						Constantineers
							notification of the second
	Total proportion of Expense for Michigan,	\$			101	621	2
9.	Percentage of expenses to earnings [9/24],						
10.	Net earnings per mile of road,	154	96				
11.	Net earnings per train mile,		12				

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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.

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,	1	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,	+	1260	353411	281			
Other Trainmen,	9	1895	371645	195			
Machinists,	1	221	52930	239			
Carpenters,	2	847	195534	231			
Other Shopmen,	5	1739	356802				
Section Foremen,	9	3194	5275 93				
Other Trackmen,	15		738667				
Switchmen,							
Flagmen and Watchmen,							
Telegraph Operators,	1	366	111000	303			
Employees-account Floating Equipment,							
All other Employees and Laborers,	1	366	54000				
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	160			
Maintenance of Way and Structures,	20			171			
Maintenance of Equipment,	27	1010	1010191	163			
Conducting Transportation,	27	9172 1960 10149	1515794 409732 2070801	200			
conducting mansportation,	~ /	10149	201001	2 0 H			
TOTAL (Including "General Officers")-MICHIGAN,	67	23843	1517130	180			
Less "General Officers,"	4	1 the	127 411	1.2			
TOTAL (Excluding "General Officers")-MICHIGAN,	63	1464	4507130 177466 4329667	10			
Contraction (Second Contraction)	00	ag 2/9	nJayoon	17-			
TOTAL (Including "General Officers")-ENTIRE LINE,	67	23843	4507130	189			

20

21 DESCRIPTION OF ROAD. *Date when the road was opened for use between its present termini: Ϊ. FROM To DATE are Mich Nor Tich 30 de ittha MAIN LINE. Miles. Miles. 100ths. †In Michigan, from to 2. ille an 38 00 menny 11 States. from to from Other : to from to Total Length Completed, 3800 3. Length of double track on main line, 4. BRANCHES. from to Garle from to 10 from to from to 1 56 Total length of branches owned by company, 5. 93 24 11 11 44 25 11 11 4.6 in Michigan, 6 all road belonging to this company, 7. - 44 .. 8. in Michigan, Aggregate length in Michigan of sidings, spurs and other tracks not above 9. enumerated, 200 ‡Aggregate length of tracks in Michigan belonging to this company, computed 10. as single track, 84 93 feet & 2 inches, 11. Gauge of track W *Give main line and branches separately with a full description of each.—COM. of RAILNOADS, †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.

PROPRIETARY		Locial mon	it of hor	D.—Continued.		
	OR LEASED I	Roads Operat	TED BY THIS	Company.	TOTAL N	Miles. In Michigan
Jame, description a	nd length of ea	ich, N	Ione			
°otal,						
otal miles operated	l by the compa	iny				
	Numi	BER OF BRIDG	ES AND TRE	STLES IN MICHIGA	۹.	
			es and Tri		۷.	
Wooden bridges, nu	umber of	; aggregate	ES AND TRE length, feet			
Stone "	umber of	; aggregate ; "	es and Tri length, feet			
Stone " ron "	umber of "	; aggregate ; " ; "	es and Tri length, feet """			
Stone " iron " Combin't'n "	umber of " "	; aggregate ; " ; " ; "	es and Tri length, feet """			1320
Stone " iron " Combin't'n "	umber of "	; aggregate ; " ; " ; "	es and Tre length, feet """"			1 3 2 0 1 3 2 0
			otal, otal miles operated by the company			

DESCRIPTION OF ROAD.-Continued.

DRAW BRIDGES IN MICHIGAN.

1. How many on your line?

2. Where located, when built, and length of draw span,

Character of structure, 3.

Material of which constructed, 4.

Height above water and depth of water under bridge, 5.

6. How swung, by engine or hand power,

Approaches straight or curved, 7.

Do you require all trains to come to full stop before crossing a draw, and how are they 8. signaled?

CROSSINGS-RAILROAD AND HIGHWAY.

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

Manlee R. R. at R. R. at

R. R. at

Over.

Under .---

2. What railroads cross your road either over or under your grade in this State, and where? S.S.Y.a. R. R. at Himsing Junction R. R. at R. R. at

Ovelyn, Mich

	DESCRIPTION OF ROADContinued.	
	CROSSINGS-RAILROAD AND HIGHWAY.	
3.	At what crossings are interlocking and derailing switches in operation?	
	El I	
	Onelyn	
4.	What pattern or patterns have you adopted? and bl	
	to all' lin of place machine	
mo	What pattern or patterns have you adopted? I'm blass machine stalled by Union Switch & Lignal 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,	m 20
7.	Number of crossings at which there are electric or automatic signals,	Mone
8.	What pattern or patterns in use?	9
9.	Number of crossings of highways over or under railroad [Over . Under],	
10.	Number of highway bridges 18 feet above track,	
II.	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?	M
14.	How are they treated? Worden block	Jer
	Contract North	
	STATIONS.	
Ι.	Number of stations on whole lines,	,
2,	Same in Michigan,	6
	Employees.	(p
Ι.	Number of persons regularly employed on all roads operated by company, including officials,	67
2,	Same in Michigan,	6/
3.	Classify your employees as per following list:	NUMBER. 0 /
	Baggagemen,	
	Brakemen,	6
	Conductors,	J L
	Engineers,	H I
	Firemen,	l l
	Laborers,	31
	Shopmen,	
	Yardmen,	6
	Others,	13
		12

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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 tr	ack in Michiga	n,	
and the counties in which needed:			
alger & Marquette			12
Total miles requi	red,		
ROAD BED AND TRACK.			
1. Number of track sections in Michigan,		10	
2. Average length of sections (miles),		63	
3. Average number of men in each section gang,		et j	
4. Number of new ties put in whole line during the year,	123	74	
 Number of new ties put in track in Michigan, Average number of new ties per mile of road, 	123	74	
 Average number of new desper nine of road, New rails put in track, 			
Iron [tons] miles,			
Steel [tons] miles,			
8. Total miles of track laid with new rails,			
Bridges and Culverts.			
1. Amount of trestlework replaced with earth during the year (linear feet),	91		
 2. Timber culverts replaced during year, 	None		
With iron pipe,—number,	rume		
With sewer pipe, —number,			
With timber,—number,			

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	LOCATION.	KIND.	MATERIAL.	MONTH BUILT.	FEET IN LENGTH.
				and a	
		a 1940 and and an all share on a	an and a state of the state of		. l
		ROLI	ING STOCK.		
			4 	NUMBER.	PRESENT ESTIMATED VALUE.
	Number of lesemetings of	more that as tons wai	the avaluative of tander		
Ι.	Number of locomotives of			6	151979.
2.	Number of locomotives of				
3.	Number of locomotives of		FOTAL LOCOMOTIVES,		
	Number of passenger cars-				151979.
4.	Number of passenger cars-				57990
5.	Number of express and bay		iciai cais,	2	28646
6.	Number of box freight car				
7. 8.	Number of stock cars,	0,		/	16610
					2662192
9.	Number of platform cars, Number of ore cars,			101	2662192
10.	Number of conductors' wa	17 46*0			
11.	Other cars as follows:	y cars,			41629
A	Seller cars as follows.	Total	No. Cars,		0 1 1 1
		Total, Total,	Engines and Cars,	108	358670
		rotar,	Engines and Cars,	112	151979.
	Number of Learnetings on	winned with norman has	Iroa		\$ 510660
13.	Number of locomotives equivalent of locomotives equivalent of locomotives and location of			5	
14.	Number of passenger-train			5	
15.	Number of freight cars equ			101	
10,	What pattern of power locomotives and cars w	ith each?	use, and number of		

27 ROLLING STOCK .- Continued. 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? 18. What pattern or patterns have you adopted for use? 19. Baker Har Water Heater How are your passenger cars heated? 20. MILEAGE, TRAFFIC, ETC. TRAIN MILEAGE. ENTIRE LINES. IN MICHIGAN. Miles run by passenger trains during the year, Ι. 25818 20926 Miles run by freight trains during the year, 2. 35683 Miles run by mixed trains, 3. 81427 Total mileage of trains earning revenue, 4.

	MILEAGE, TRAFFIC, ETC	C.—Continued.				
	PASSENGER TRAFFICEnt	tire Lines.				
		NUMBERS.	MILES,	D	RATE. ollars,	Cts.
I.	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,				5	
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,					
IO.	Estimated cost of carrying each passenger one mile,					
	*Passenger Traffic.—In Stat	e of Michigan.				
	*Passenger Traffic.—In Stat	e of Michigan.	Miles	E D	RATE, ollars.	Cts,
Y		NUMBERS.	Miles	į D		Cts,
I. 2	Number of through passengers carried, earning revenue,		Miles	į D		Cts.
2.	Number of through passengers carried, earning revenue, Number of local passengers carried, earning revenue,	NUMBERS.	Miles	į D		Cts.
2. 3.	Number of through passengers carried, earning revenue, Number of local passengers carried, earning revenue, Total number of passengers carried, earning revenue,	NUMBERS.	MILES	. D		Cts,
2. 3. 4.	Number of through passengers carried, earning revenue, Number of local passengers carried, earning revenue, Total number of passengers carried, earning revenue, Number of passengers carried one mile,	NUMBERS.	Miles			Cts.
2. 3. 4. 5.	Number of through passengers carried, earning revenue, Number of local passengers carried, earning revenue, Total number of passengers carried, earning revenue, Number of passengers carried one mile, Average distance carried,	NUMBERS.	Miles	E D 14.5	ollars.	
2. 3. 4. 5. 6.	Number of through passengers carried, earning revenue, Number of local passengers carried, earning revenue, Total number of passengers carried, earning revenue, Number of passengers carried one mile, Average distance carried, Average amount received from each passenger,	NUMBERS.	MILES		ollars.	Cis. 39
2. 3. 4. 5. 6. 7.	Number of through passengers carried, earning revenue, Number of local passengers carried, earning revenue, Total number of passengers carried, earning revenue, Number of passengers carried one mile, Average distance carried, Average amount received from each passenger, Average receipts per mile for through passengers,	NUMBERS.	MILES		ollars.	
2. 3. 4. 5. 6. 7. 8.	Number of through passengers carried, earning revenue, Number of local passengers carried, earning revenue, Total number of passengers carried, earning revenue, Number of passengers carried one mile, Average distance carried, Average amount received from each passenger, Average receipts per mile for through passengers, Average receipts per mile for local passengers,	NUMBERS.	Miles		ollars.	
2. 3. 4. 5. 6. 7. 8. 9.	Number of through passengers carried, earning revenue, Number of local passengers carried, earning revenue, Total number of passengers carried, earning revenue, Number of passengers carried one mile, Average distance carried, Average amount received from each passenger, Average receipts per mile for through passengers, Average receipts per mile for local passengers, Average receipts for passenger per mile for all passengers,	NUMBERS.	MILES	14.5	ollars.	39 03 02 02 02
2. 3. 4. 5. 6. 7. 8.	Number of through passengers carried, earning revenue, Number of local passengers carried, earning revenue, Total number of passengers carried, earning revenue, Number of passengers carried one mile, Average distance carried, Average amount received from each passenger, Average receipts per mile for through passengers, Average receipts per mile for local passengers,	NUMBERS.	MILES	14.5	ollars.	39 03 02 02 02
2. 3. 4. 5. 6. 7. 8. 9.	Number of through passengers carried, earning revenue, Number of local passengers carried, earning revenue, Total number of passengers carried, earning revenue, Number of passengers carried one mile, Average distance carried, Average amount received from each passenger, Average receipts per mile for through passengers, Average receipts per mile for local passengers, Average receipts for passenger per mile for all passengers,	NUMBERS.	Miles	14.5	ollars.	39 03 02 02 02
2. 3. 4. 5. 6. 7. 8. 9.	Number of through passengers carried, earning revenue, Number of local passengers carried, earning revenue, Total number of passengers carried, earning revenue, Number of passengers carried one mile, Average distance carried, Average amount received from each passenger, Average receipts per mile for through passengers, Average receipts per mile for local passengers, Average receipts for passenger per mile for all passengers,	NUMBERS.	Miles	14.5	ollars.	39 03 02 02 02
2. 3. 4. 5. 6. 7. 8. 9.	Number of through passengers carried, earning revenue, Number of local passengers carried, earning revenue, Total number of passengers carried, earning revenue, Number of passengers carried one mile, Average distance carried, Average amount received from each passenger, Average receipts per mile for through passengers, Average receipts per mile for local passengers, Average receipts for passenger per mile for all passengers,	NUMBERS.	MILES	14.5	ollars.	39 03 02 02 02

*This information must always be given.

FREIGHT TRAFFIC.—Entire Lines.						
		Tons.	MILES,	RATE, Dollars, Ct		
г.	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,					
II.	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,
I.	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,			22
II.	Average receipts ton per mile, for through freight,			022
12.	Average receipts ton per mile, for local freight,			01'
13.	Average receipts ton per mile, for all freight,			012
14.	Estimated cost of carrying one ton one mile,		n	a accounts
	This information must always be given.	1910-540 - 194 - 19 - 194 - 19		

	COMMODITY.	FREIGHT ORIGINATING ON	FREIGHT RECEIVED FROM CONNECTING ROADS	TOTAL FREIGHT	FONNAGE.
	COMMODITY.	THIS ROAD. WHOLE TONS,	AND OTHER CARRIERS. WHOLE TONS.	WHOLE TONS.	PER CENT
	(Grain,				
	Flour,				
	Other mill products,				
	Hay,				
Products of	Tobacco,				
agriculture.	Cotton,				
	Fruit and vegetables, Potatoes,				
	rotatoes,				
	Tota	ıl,			
	[Live stock,				11.2
	Dressed meats,		A A A A A A A A A A A A A A A A A A A		
	Other packing house products,		Ω_{i}		
Products of	Poultry, game and fish,		And		
animals.	Wool, Hides and leather,		1 and		
	indes and reasons,				
	Tota	al,			
	Anthracite coal,				
	Bituminous coal,				
	Coke,				
Products of mines.	Ores, Stone, sand and other like articles,				
mmes.	Salt,				
	Tota	11,			-
	Lumber,				
Products of	Logs, Shingles,				
forest.	a onnigies,				
	Tota	al.	1		
	Petroleum and other oils,				
	Sugar,				
	Naval stores,				
	Iron, pig and bloom, Iron and steel rails,				
	Other castings and machinery,				
Manufac-	Bar and sheet metal,				
tures.	Cement, brick and lime,				
	Agricultural implements,				
	Wagons, carriages, tools, etc.,				
	Wines, liquors and beers,				
	Household goods and furniture,				
	Tota	al,		11	
Merchand	lise,				
Miscellan	eous: Other commodities, not				
mentio	ned above,				

COMMODITY.		FREIGHT ORIGINATING ON THIS ROAD,	FREIGHT RECEIVED FROM CONNECTING ROADS AND OTHER CARRIERS.	TOTAL FREIGHT TO	TONNAGE.	
			WHOLE TONS.	WHOLE TONS.	WHOLE TONS.	PER CEN
		-				
	Grain,	-	69	1462	1531	3
	Flour,	_		1020	1020	2.
	Other mill products,		60	666	. 666	1
Products of	Hay, Tobacco,		50	2249	22.99	3
	Cotton,					
agriculture.	Fruit and Vegetables,	1		155	155	:
	Potatoes,		15	131	146	5 1
		Total,	134	5683	5817	14
	Live stock,		20	74	94	0
	Dressed meats,			1456	1456	3
Decduste	Other packing house products,					-
Products of	Poultry, game and fish, Wool,					
animals.	Hides and leather,		801	106	907	2
	in the second se		001	100	90/	0
	1	Total,	821	1636	2457	6
	Anthracite coal,			1248	1248	3
	Bituminous coal,			7267	7267	18
	Coke,			35	35	
Products of	Ores,		1.600	20831	20831	52
mines.	Stone, sand and other like articles	5,	1520	4625	6145	15
	bart,		the states	30	30	
		Fotal,	1520	34036	35556	88
	Lumber,		26085	4987	31072	17
Products of	Logs,		33712	4936	38648	96
forest.	Shingles,	-	5211	1/20	6211	13
	Wood		251287	1623	252910	632
		Fotal,	316295	11546	327841	819
	Petroleum and other oils, Sugar,	-		103	103	ľ
	Naval stores			119	119	
	Iron, pig and bloom,				10105	. /
	Iron and steel rails,		1.0	10695	10695	26
	Other castings and machinery,		12 31	2501	2532	6
Manufac-	Bar and sheet metal,			15	2352	6
tures.	Cement, brick and lime,	1	1677	1122	2799	1
	Agricultural implements,					1
	Wagons, carriages, tools, etc., Wines, liquors and beers,	-				
	Household goods and furniture,		2.0	556	556	1
	Jane	-	30	110	1094	1
	1	Fotal,	2814	15259	18073	46
Merchand			1886	5077	6960	17
Miscellan	eous: Other commodities, not			1	- 7 - 0	1
mentio	ned above,		281	3243	3524	8
	TOTAL TONI	NAGE,	323751	76477	400228	1000
				1071/1	1 v v a n u	1 4 4 4

31

32 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? Light is delivered and received at Railway TELEGRAPH. 2. Number of miles of telegraph on your road, and to whom does it belong? Mestern Union relegraph 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? AMOUNT PAID. GENERAL OFFICE. NAME OF COMPANY. None * This information must always be given

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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. Mouris lefueralor Line hreago wanker Wis wanker Lifus changer Or 836 up. C 126 aneil in afrige legalch 0 72 ulst table Cardine 132 110 1336 regerator ine e a * us etus chansel 342 ational Car ame All heado 120 Refig aston : Ass 51 routh toll. Stork to tuis 45 That hanget to hear 159 ather Dorge & Stock Car to hicina 92 Urmon Car Ime hugar 200 61 Uwanker Wis Wile Ref dehg/ ug ami 3057

34 *REPORTS OF ACCIDENTS FOR MICHIGAN DURING THE YEAR 190 KILLED. DATE. NAME AND OCCUPATION. PLACE. CAUSE AND RESPONSIBILITY FOR ACCIDENT. Oct 10 th 1901 Isaac Johnson Chatham Jan over by train (The passer) Corone's Jury articled

* 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 "parely accidental," "from lack of caution," or "carelessness," as the facts were. In case of inquest, report company responsible or not according to verdict.

INJURED.					
DATE.	NAME AND OCCUPATION.	PLACE.	CAUSE AND RESPONSIBILITY FOR ACCIDENT.		
		1			
	-				

		36				
STATEMENT OF ACCIDENTS.—Continued.						
INJURED.						
DATE.	NAME AND OCCUPATION.	PLACE.	CAUSE AND RESPONSIBILITY FOR ACCIDENT.			
	-					
	•					

STATEMENT OF ACCIDENTSContinued. INJURED.					
		0			
			*		
		_			

TABULAR STATEMENT OF ACCIDENTS IN MICHIGAN.

38

		KILLED.		INJURED.		
CAUSE OF ACCIDENT.	PASSENGER5.	EMPLOYEES.	OTHERS.	PASSENGERS.	EMPLOYRES.	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,			1			
Total,			1			

SUMMARY OF ACCIDENTS IN MICHIGAN.

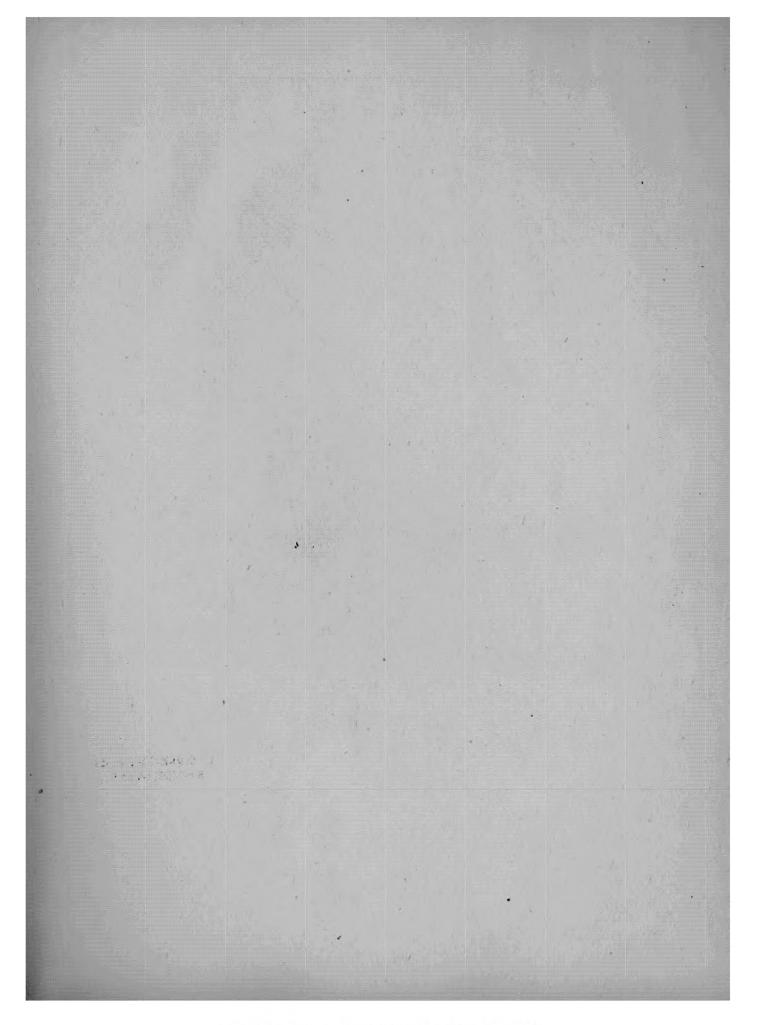
Number of persons killed during the year, Number of persons injured during the year, Number of casualties purely accidental, Number resulting from lack of caution, carelessness, or misconduct, Persons killed or injured while intoxicated, Trespassers or tramps killed or injured, Suicides,

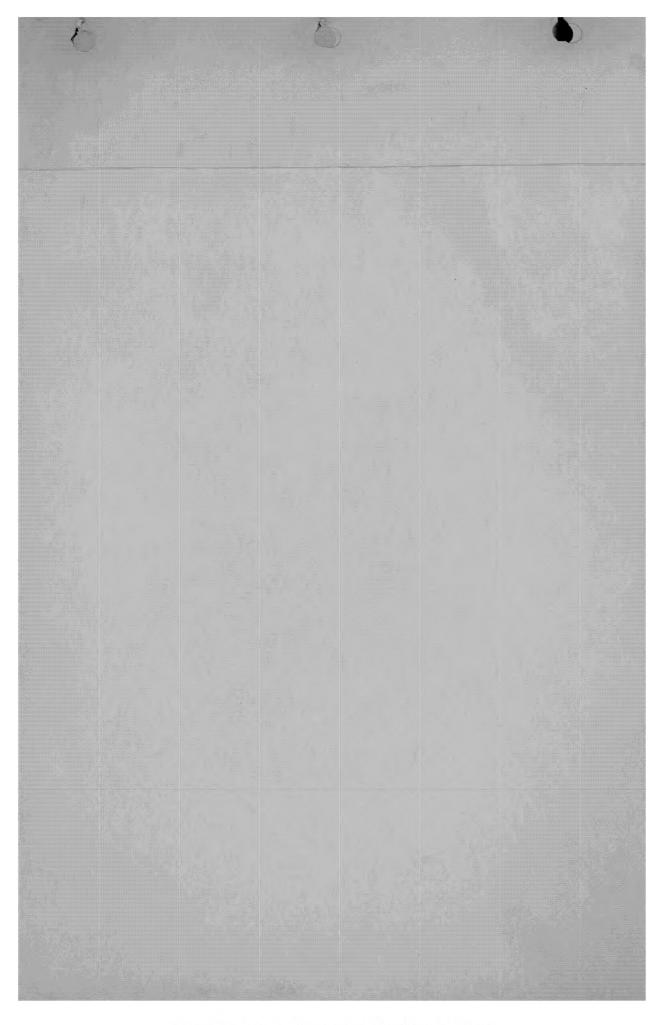
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CLASSIFICA	TION OF EMPLOYEES.							
Killed or	Killed or Injured in Michigan.							
	Killed.	Injured. Total.						
Baggagemen,								
Brakemen,								
Conductors,								
Engineers,								
Firemen,								
Laborers,								
Shopmen,								
Yardmen,								
Not classified above,								
Total,								

40 State of Michigan, SS. COUNTY OF Marquette arris Seneral Manager OF THE Juniein 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 affiairs of said company, on the thirty-first day of December, A. D. 1904, to the best of their knowledge and belief. Signed, A. D. 1905. dav of Subscribed and sworn to before me this. d'a atan Received and filed in the office of the Commissioner of Railroads, this 1905. day of. Commissioner of Railroads.

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