

October 27, 1904.

Mr. W. M. Stewart, Chief Statistician,
Department of Commerce & Labor,
Washington, D.C.

Dear Sir:

We enclose herewith census reports covering operations at our Pioneer Furnace No.2 at Marquette, Mich., in accordance with your request.

Schedule No.1 covering pig iron.

Supplementary Schedule E 34-89, giving details of information in Schedule No.1.

Schedule No.1 covering the manufacture of wood alcohol.

Schedule No.1 covering the manufacture of charcoal.

We have been greatly delayed in getting these reports to you, largely due to the manner in which your requests have come to us. We first received your blank, and from the nature of the request were led to suppose that it was to cover entire operations of our furnace plant. You then sent us supplementary schedule covering blast furnaces, and we sent this to our furnace office at Marquette to be filled out after the other had been returned by them ; then later we received a request from you for the operations of our charcoal kilns and alcohol plant, and we were obliged to send the reports back to our furnace office the third time to be completed in view of the fact that our former blanks had taken in the whole of the operations at the furnace. I think it is due to us to explain the cause of the delay as above, and would suggest that some time when your representative for this district is in this section it might be well for him to call on us in case there is any further information which you are liable to want in the near future.

Mr. W. M. Steuart. - 2.

October 27, 1904.

We also enclose Schedule No.1 covering operations of our Carp
River Furnace at Marquette, together with Supplementary Schedule E 34-89.

Yours truly,

PIONEER IRON COMPANY,

Per

HCS THB

ENCS.

Chemical Plants (Promer Fa No. 2)

We have made a separate schedule covering operations of the alcohol & acetate plants viz.

Item No 4 Capital Invested:

This is figured on same basis as same item under Furnace viz.

"Land", "Buildings" & "Machinery" etc. in one item. -

Chemical Plant - -	\$407,628.41
Acetate "	15,974.24
<u>Total</u>	<u>\$423,602.65</u>

This is about 44% of total Construction acct. and

44% of Tax valuation of \$350,000⁰⁰ is \$154,000⁰⁰

"Bills Receivable & unsettled Ledger accts etc"

Chemical Supplies		\$3,035.61
Stock Wood alcohol		5,481.60
Berry Bros Ltd		5,210.75
Woods Product Co		9,937.00
Furnace Apts:-		
Crown Supply Co	4,254.97	5,188.04
Woods Prod. Co	933.07	
<u>Total</u>		<u>28,853.00</u>
Less 25%		7,213.25
<u>Total amount taken</u>		<u>21,639.75</u> *

Items 6-7+8 are taken from Labor Statement

Items 9+10 are taken from alcohol & acetate Cost Sheets, being amounts shown in supply column.

Item 11- Product. -

116,976 gal Alcohol shipped during year	42,954.84
13,704 " Onstand 11/30/24 @ Inventory	5,481.60
	<u>48,436.44</u>
Less Cost Brls & shipping	2,771.70
<u>Total</u>	<u>45,664.74</u>

The balance of the information is filled in by Mr Mason

3

Charcoal (Pioneer sec No 2.)

We have made a schedule covering operations of Kilns as requested.

Item No 4. Capital Invested.

"Land" - Buildings & "Machinery" etc. in one item -
Kilns ————— \$ 186,065 41

This is about 11% of total Construction acct, and
11% of \$ 3,500,000 is ————— \$ 385,000.

"Bills Receivable Unsettled Ledger Accts" etc

Ino McCall Cont'd - 313 40
Less 25% ————— 78 35 \$ 235.05

The rest of the information is filled in from labor statements & charcoal cost sheets.

Item 11 - Product is the amount of total cost charcoal as charged to furnace.

Each of these reports must be signed by party furnishing information.

10/22/04

HCB

Mr Mann:-

Report for Census of Manufacturers

Carp River Furnace.

We have filled in all the information called for except to divide the \$30,000.00 paid for Furnace property between "Land", "Buildings" + "Machinery, tools & implements",
Question No. 4.

Both Schedule No 1 + Supplementary Schedule should be signed

No 4. Capital Invested.

The figures used are detailed on statement attached.

Nos. 6-7+8 are filled in by Mr Gray.

Nos 9+10. give the amount shown in Supplies column on Pig Iron Cost Sheet, making total cost of production for supplies.

No. 11. Products: Method of computing this shown on statement attached.

The Balance of the information is filled in by Mr Gray

8/19/04

HCB

PIONEER IRON COMPANY,

CARP RIVER FURNACE DEPARTMENT.

NOAH W. GRAY, MGR.

GEO. A. GARRETSON, President.
WM. G. MATHER, Vice President.
FRED. A. MORSE, Treasurer.
E. V. HALE, Secretary.

MARQUETTE, MICH., Aug. 5, 1904.



Mr. R. C. Mann,
Cleveland, Ohio.

Dear Sir:-

Yours of July 27th, returning the blank for Census of Manufactures for 1904, and also Supplemental Schedule, was duly received. I have entered on the Supplemental Schedule the answers to all these questions, and these, as you will note, are taken from the Schedule No. 1, and agree with it. I believe these are correct. If you desire to look further into these matters, you will be able to get details from the Annual Report of Nov. 30th, 1903, on which nearly all of these statements are based. I explain a few of same in this letter.

No. 4. No inventory dividing the land, buildings or tools has ever been made.

No. 6.	General Expense. Salaries:		
	Chemist.....	\$ 900.00	
	Office.....	<u>2994.00</u>	\$ 3894.00
No. 7.	Maintenance. Pay-Roll:.....	365.50	
	Operating. Pay-Roll.....	\$23408.87	
	Less supplies...	<u>1116.76</u>	22292.11
	Loading and Switching. Pay-Roll.....	<u>1272.88</u>	
		23930.49	<u>23930.49</u>
No. 9.	General Expense. Taxes.....		631.14
	All other expense.....		<u>1156.16</u>
	Maintenance. Total.....	5172.42	
	Less R. and R.....	<u>3744.20</u>	
	" Labor.....	365.50	<u>4109.70</u>
	Operating. Tools, Sand and Clay and Barn Expense		<u>556.34</u>

Yours truly,

Noah W. Gray
Manager.

July 27th, 1904.

Mr. Noah W. Gray, Manager,
Carp Furnace,
Marquette, Mich.

Dear Sir:

Your favor of the 13th instant received, returning the report for the Census of Manufacturers.

We are in receipt of a supplementary schedule to be filled out, which we enclose herein. This supplementary schedule is that called for on schedule No.1 which you have filled out and sent to us, and which we return to you herein. It will be necessary for you to fill out this supplementary schedule, the total to agree with the amount shown on schedule No.1, and also sundry other items for which the blank calls. It is possible that in filling out this supplementary schedule you may find items which have been filed out on the other one which will have to be changed.

On schedule No.1, please note under item No.4, the request for the amount of capital invested. As you know, this property was purchased for \$30,000.00, and if you can divide this payment between the land, buildings, and machinery, please do so. We have penciled in the bills receivable and unsettled accounts as we have taken them from your balance sheets and our ledger.

Under item No.11 you show production in ^{tons} items, and we have filled in the selling value, which we shall possibly have to change. You will note that the supplementary schedule calls for a detail of the production by grades.

In filling out the information on these reports please give full explanation as to how you arrive at the items, which we may be called upon to explain. We will wish to scan these items pretty closely before sending in the reports for various reasons, and we want to be able to have an adequate explanation for each one.

Yours truly,
PIONEER IRON COMPANY,

HCS THB
ENC A

Per

PIONEER IRON COMPANY,

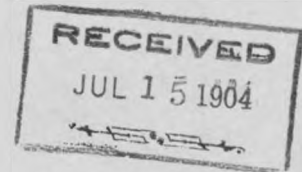
CARP RIVER FURNACE DEPARTMENT.

NOAH W. GRAY, MGR.

GEO. A. GARRETSON, President.
WM. G. MATHER, Vice President.
FRED. A. MORSE, Treasurer.
E. V. HALE, Secretary.

MARQUETTE, MICH., July 13, 1904.

Mr. R. C. Mann,
Cleveland, Ohio.



Dear Sir:-

Yours of July 5th, enclosing the blank for the census of manufactures, was duly received, and I have separated the items, commencing with No. 6, as closely as possible. You will note the salaries for the office, and also the amount of labor performed. This includes labor under Maintenance, Operating and Loading and Switching. I think it is practically correct. Under No. 9 I add materials under Maintenance for the year, and also materials under Operating, not including fuel and mill supplies, which are stated in No. 10. Under No. 10 the items are correct, except, I think, that placed by you under wood. The furnace purchased only charcoal, and the amount, net counting rents, was \$141,446.18. You have only placed it as "wood", with \$44,090.61. I think this should be changed to the items as I have them--charcoal, including freights.

The production of pig iron for the year was 18,721 tons, of which you will know the selling value better than I can.

Under No. 12 I have placed our men, and I find that nearly all of them work on a scale between \$12.00 and \$15.00.

I think this, filled out, would fully make the report requested.

Yours truly,

Noah W. Gray
Manager.

July 5th, 1904.

Mr. Noah W. Gray, Manager,
Marquette, Mich.

Dear Sir:-

We return herewith blank issued by the Department of Commerce and Labor relative to Census of Manufacturers, 1904, same being received with your letter of June 22nd. We are returning this to you, as there are a number of questions asked relative to equipment, labor, etc. that we are unable to fill in from this end. Beginning with No. 5 I wish you would fill in all the information called for so far as you can in pencil. You will notice that we have pencilled in a number of them and would be glad to have you check same and make any changes necessary. Under No. 10 our figures include the freight on wood and limestone; I think you had better show the freight separately as called for on the blank. As our fiscal year ending Nov. 30th, 1903 most nearly conforms to the year ending June 30th, 1904, I presume it will be best to use the figures for that year.

Yours truly,

PIONEER IRON COMPANY
BY

*Yes
when you
get a paper
to
AWB*

PIONEER IRON COMPANY,

CARP RIVER FURNACE DEPARTMENT.

NOAH W. GRAY, MGR.

GEO. A. GARRETSON, President.
WM. G. MATHER, Vice President.
FRED. A. MORSE, Treasurer.
E. V. HALE, Secretary.

MARQUETTE, MICH., June 22, 1904.

Mr. R. C. Mann,

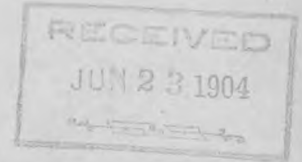
Cleveland, Ohio.

Dear Sir:-

I enclose herewith a blank or statement of the business of the Carp Furnace. As I could only answer a few of the questions in regard to this, I enclose the whole thing to you, as you have the statistics to cover everything, and it would be better answered from your office.

Yours truly,

Noah W. Gray
Manager.



Department of the Interior,
Census Office,
Washington.



October 29, 1904.

Mr. R. C. Mann, Auditor,
The Cleveland-Cliffs Iron Co.,
Mercantile Bank Building,
Cleveland, Ohio.

Dear Sir:

I am in receipt of your letters of
October 27th inclosing schedules for Pioneer
Furnace No. 1, Gladstone, Mich., and Pioneer
Furnace No. 2, Marquette, Mich.

From a preliminary examination, these
schedules appear to be correct and I desire
to thank you for furnishing the same. I re-
gret very much the mistake in regard to send-
ing you blank schedules. The mistake was due
entirely to the fact that we were not advised

of the character of the industries conducted by your company. I believe these schedules complete the canvass of Michigan and we will not be under the necessity of troubling you further so far as that state is concerned.

The statistics for the manufactures of the different cities of Michigan are now being made public by Mr. A. C. Bird, Supervisor of Census, Lansing, Mich., and he is very much pleased with the assistance the manufacturers have given him in making the census. I also desire to thank you on the part of the Director of the Census for the attention you have given to the requests of this office.

Very respectfully,



Chief Statistician
for Manufactures.

P.S. Seven schedules were received, covering all the plants named in your letter.

October 27, 1904.

Mr. Fred S. Warner,
Secretary of State of Michigan,
Lansing, Mich.

Dear Sir:

Your letter of yesterday addressed to our Mr. Mather is received during his absence from the city.

I very much regret the delay in finishing the census reports to which your letter calls attention. It was caused in large part by lack of information as to what was desired. In connection with our blast furnaces in Michigan we also operate chemical plants as well as charcoal, and the first blank which we received apparently called for information regarding our entire operations. Having got that blank nearly ready to render we received further blanks from the department calling for certain information regarding some of the other plants, which went to show that the first blank was not intended to be used in the manner in which we had gotten it up. This second blank was still later followed by a third, so that as a matter of fact we had to go over the work three times before finally getting it in shape which we think meets the requirements of the Census Bureau. I am pleased to state, however, that the blanks, which I believe are now properly filled out and which will furnish the information wanted by the Census Bureau, went forward to Washington this morning.

Yours truly,

Auditor.

RCM THB

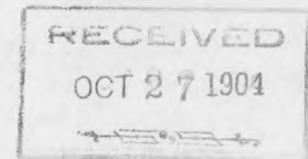
FRED M. WARNER,
SECRETARY OF STATE.
CHARLES S. PIERCE,
DEPUTY SECRETARY OF STATE.

MICHIGAN
DEPARTMENT OF STATE
LANSING

CENSUS DIVISION—
ARTHUR C. BIRD,
SUPERVISOR OF CENSUS.
MARL T. MURRAY,
DEPUTY SUPERVISOR OF CENSUS.

October 26, 1904.

Mr. W. G. Mather,
235 Bank St.,
Cleveland, Ohio.



Ans 10/27

Dear Sir:-

I write you with special reference to the manufactures census for the state of Michigan now in process of completion. I have just learned that the Pioneer Iron Company of Marquette is the only institution of its kind in the state which has not made its report. I find also that blanks have been forwarded to the office of this company but that no reply has been received from them. This census is now practically completed with the exception of the report in question and I sincerely hope you may take a sufficient interest in this matter to order the report forwarded at an early date.

I wish to call your attention to the fact that by cooperating with the United States Census Bureau, the same report will be used for both offices. If the report is forwarded to the Washington office, you need not take the trouble to have duplicates sent here since returns will be made from Washington directly to this office.

Thanking you in advance for the trouble this may cause you and for your cooperation in the matter, I remain,

Very truly yours,

Fred M. Warner
Secretary of State.

h

Form No. 38.

THE WESTERN UNION TELEGRAPH COMPANY.

INCORPORATED

23,000 OFFICES IN AMERICA. CABLE SERVICE TO ALL THE WORLD.

This Company TRANSMITS and DELIVERS messages only on conditions limiting its liability, which have been assented to by the sender of the following message. Errors can be guarded against only by repeating a message back to the sending station for comparison, and the Company will not hold itself liable for errors or delays in transmission or delivery of Unrepeated Messages, beyond the amount of tolls paid thereon, nor in any case where the claim is not presented in writing within sixty days after the message is filed with the Company for transmission.

This is an UNREPEATED MESSAGE, and is delivered by request of the sender, under the conditions named above.

ROBERT C. CLOWRY, President and General Manager.

480

RECEIVED at Cor. Water and Superior Sts., Cleveland, O.

TELEPHONES: BELL-MAIN 388. CUYAHOCA-CENTRAL 5233 AND 5234.

Standard Time.

A203 @ Ba Co 40 Paid Govt
Cn-Washington Dc Oct 17

Pioneer Iron Co
233 Rank St

Cleveland Ohio,

None-receipt of census report for your marquette Michigan plant requested September twenty seventh and October eleventh seriously delays tabulation Can you send at once Answer.

Stear chief Statistician

For manufactures.

1236^{pm},

ALWAYS OPEN.

MONEY TRANSFERRED BY TELEGRAPH.

CABLE OFFICE.

The Cleveland-Cliffs Iron Co.

PIONEER FURNACE.

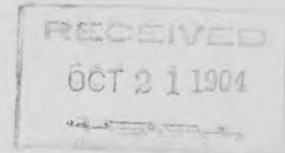
REFINED WOOD ALCOHOL.

GRAY ACETATE OF LIME.

LAKE SUPERIOR CHARCOAL PIG IRON.

FURNACE AND CHEMICAL WORKS,
GLADSTONE, MICHIGAN.

GLADSTONE, MICH., October 19th. 1904.



Mr. R. C. Mann, Auditor.

Mercantile Bank Bldg.,

Cleveland, Ohio.

Dear Sir:-

On my return from the monthly trip from the camps, I have your favor of the 13th., also your wire of the 17th., regarding schedule of Census of Manufacturers. I enclose the blanks herewith, with Pig Iron corrected by taking out the labor incidental to the manufacture of charcoal, which I have given on the blanks you sent for that purpose. I hope these are now in a satisfactory shape, and we will not see them again.

Yours truly,

C. D. Mason
Assistant Auditor.
B.

POSTAL TELEGRAPH



COMMERCIAL CABLES

CLARENCE H. MACKAY, PRESIDENT.

TELEGRAM

REGISTERED TRADE-MARK. DESIGN PATENT No. 26389.

The Postal Telegraph-Cable Company (Incorporated) transmits and delivers this message subject to the terms and conditions printed on the back of this blank.

Standard Time.

Received at Main Office, Cor. Superior and Bank Streets, Cleveland, Ohio.

TELEPHONES BELL, MAIN 1011, CENTRAL, 687

452 H mi 8 453pM

Gladstone Mich 19

R. C. Mann

Auditor

Cleveland

Will send Schedule of census of manufacturers today .

C. D. Mason

RECEIVED
OCT 20 1904

OCT 1904

16, C.
12037

Mackay

POSTAL TELEGRAPH-CABLE COMPANY IN CONNECTION WITH **THE COMMERCIAL CABLE COMPANY.**



CLARENCE H. MACKAY, President.
J. O. STEVENS, Sec'y. WM. H. BAKER, V. P. & G. M.

CLARENCE H. MACKAY, President.
ALBERT BECK, Sec'y. GEO. G. WARD, V. P. & G. M.

N. B.—BOTH SIDES OF THIS FORM ARE PROTECTED AGAINST INFRINGEMENTS AND IMITATIONS BY DESIGN PATENT NO. 36369 AND REGISTERED TRADE-MARK.

THE POSTAL TELEGRAPH-CABLE COMPANY,
(INCORPORATED)

transmits and delivers the within message subject to the following
TERMS AND CONDITIONS.

To guard against mistakes or delays, the sender of a message should order it REPEATED; that is, telegraphed back to the originating office for comparison. For this, one-half the regular rate is charged in addition. It is agreed between the sender of the message written on the face hereof and the Postal Telegraph-Cable Company, that said Company shall not be liable for mistakes or delays in the transmission or delivery, or for non-delivery, of any UNREPEATED message, beyond the amount received for sending the same; nor for mistakes or delays in the transmission or delivery, or for non-delivery, of any REPEATED message beyond fifty times the sum received for sending the same, unless specially insured, nor in any case for delays arising from unavoidable interruption in the working of its lines, or for errors in cipher or obscure messages. And this Company is hereby made the agent of the sender, without liability, to forward any message over the lines of any other Company when necessary to reach its destination.

Correctness in the transmission of messages to any point on the lines of the Company can be INSURED by contract in writing, stating agreed amount of risk, and payment of premium thereon, at the following rates, in addition to the usual charge for repeated messages, viz: one per cent. for any distance not exceeding 1,000 miles, and two per cent. for any greater distance.

No responsibility regarding messages attaches to this Company until the same are presented and accepted at one of its transmitting offices; and if a message is sent to such office by one of this Company's messengers, he acts for that purpose as the agent of the sender.

Messages will be delivered free within the established free delivery limits of the terminal office. For delivery at a greater distance a special charge will be made to cover the cost of such delivery.

This Company will not be liable for damages or statutory penalties in any case where the claim is not presented in writing within sixty days after the message is filed with the Company for transmission.

This is an UNREPEATED Message and is delivered by request of the sender under the conditions named above. Errors can be guarded against only by repeating a message back to the sending station for comparison.

No employee of this Company is authorized to vary the foregoing.

WILLIAM H. BAKER,
V. P. and Gen'l Manager.

JOHN O. STEVENS,
Secretary.

CLARENCE H. MACKAY,
President.

Copy and Confirmation of a Telegram sent you this day by
BY WESTERN UNION TELEGRAPH CO.
POSTAL TELEGRAPH CABLE CO.

THE CLEVELAND-CLIFFS IRON CO.

CLEVELAND, O., October 17, 1904. 2:10 PM Time.

C. D. Mason, Asst. Audt.,

Gladstone, Mich.

When can we expect schedules of Census of Manufactures sent you thirteenth.

Wanted promptly. Answer.

R. C. Mann,

Auditor.

HCS THB

RECEIVED

DIVISION OF
MANUFACTURES

IRH

Department of Commerce and Labor
BUREAU OF THE CENSUS
Washington

OCT 18 1904

Ack.

Ans'd

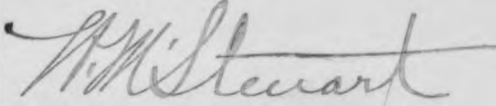
October 17, 1904.

Mr. R. C. Mann, Auditor,
The Cleveland-Cliffs Iron Company,
Cleveland, Ohio.

Dear Sir:

Complying with your request of October 13, I inclose
2 extra blank forms of Schedule No. 1 and will be pleased to
receive reports of your blast furnace and chracoal kilns at
Gladstone, Mich., at an early date.

Very respectfully,


Chief Statistician
for Manufactures.

-Inclosures-

October 13, 1904.

Mr. W. M. Stewart, Chief Statistician for Manufactures,
Department of Commerce & Labor,
Washington, D.C.

Dear Sir:

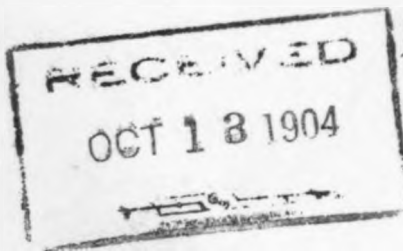
We are in receipt of your favor of October 11th and note your request for the prompt return of the census statements.

Will you kindly favor us by sending two additional copies of Schedule No. 1 - 8-541, Census of Manufactures, 1904. Upon receipt of same we will forward copies to you promptly.

Yours truly,

Auditor.

HGS THB



Department of Commerce and Labor

BUREAU OF THE CENSUS

Washington

October 11, 1904.

The Pioneer Iron Company,
233 Bank Street,
Cleveland, Ohio.

Gentlemen:

It is possible that office letter of September 27, in regard to the Census report for your blast furnace and charcoal kilns in Michigan, were ^{as} not called to your attention. I accordingly send you this personal letter.

The census of manufactures of Michigan is now finished with the exception of the reports for a few establishments having their business offices located elsewhere than in the state.

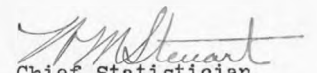
We appreciate the fact that in large establishments it will require some time to pre-

pare each schedule but if book accounts are not available for exact data, the office will accept careful estimates by persons who are acquainted with the details of the industry. We believe that these estimates will fairly represent the business for the year. I hope you will give this matter immediate attention as I should dislike to publish the statistics for Michigan with the statement that your firm was one of the establishments having offices outside of the state which neglected to make reports. Kindly advise me if I may expect the schedules.

Additional blanks with official envelopes for their return free of postage are sent to you under separate cover.

to you under separate cover.

Very truly,


Chief Statistician
for Manufactures.

-Separate inclosures-

DIVISION OF
MANUFACTURES

IRH

Department of Commerce and Labor
BUREAU OF THE CENSUS
Washington




October 11, 1904.

Cleveland Cliffs Iron Company,
Cleveland, Ohio.

Gentlemen:

The report of your blast furnace and charcoal kilns at Gladstone, Delta County, Mich., which were promised in your letter of September 23, has not yet been received. The returns are rapidly being summarized and I hope you will forward your reports at the earliest possible moment.

Very respectfully,


Chief Statistician
for Manufactures.

October 13, 1904.

Mr. C. D. Mason, Asst. Audt.,

Gladstone, Mich.

Dear Sir:

We are in receipt of your letter of October 7th returning schedules of the Census of Manufacturers.

We find on looking over the reports carefully, and on reading the instructions that have been forwarded, that the information as we have now worked it out in some cases does not correspond with the requirements. We have had some experience with these census statisticians before and do not want to submit the statements to them until we are pretty sure that they are correct.

We notice that you have included in your pig iron schedule under Sections 6, 7, 8 and 12, the labor of making charcoal at kilns, while under Section 10 you show the total cost of the charcoal as charged into the cost of the pig iron. This you ~~will~~ notice would not be correct as you are including the labor twice. Your report, as we understand it, would call for all items of labor under Sections 6 and 7, and all other items making up the operating costs under 9 and 10. We therefore think it proper that the pig iron schedule should be for pig iron only as originally made out, and a separate schedule should be made for charcoal. We therefore return the reports to you herein and would request that you make them out on this basis for both Pioneer Furnace No. 1 and No. 2. The acetate of lime and alcohol reports seem to be correct, but we enclose them herewith thinking you may need them in getting up the other figures. *Please return promptly, as we have an urgent request for them.*

Yours truly,

HCS THB
ENC B

Auditor.

The Cleveland-Cliffs Iron Co.
PIONEER FURNACE.

REFINED WOOD ALCOHOL.

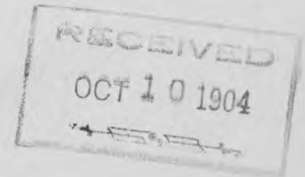
GRAY ACETATE OF LIME.

LAKE SUPERIOR CHARCOAL PIG IRON.

FURNACE AND CHEMICAL WORKS,
GLADSTONE, MICHIGAN.

GLADSTONE, MICH., October 7th. 1904.

Mr. R. C. Mann, Auditor.
Mercantile Bank Bldg.,
Cleveland, Ohio.



Dear Sir:-

I return herewith schedules of the Census of Manufacturers, on which I have noted in pencil all the information which can be furnished from this office. You will note that I have included the kiln operations with the furnace, and I have changed the figures on the Pioneer Furnace No. 2 schedule, where necessary, to correspond. The schedule for the chemical plants at Gladstone include all the figures for both chemical plants and both acetates plants.

Yours truly,

A handwritten signature in cursive script, appearing to read "R. C. Mann".

Assistant Auditor.

October 5, 1904.

Mr. C. D. Mason, Asst. Audt.,
Gladstone, Mich.

Dear Sir:

We wrote you on Sept. 23rd enclosing blank forms for reports for the Census of Manufactures covering operations at Pioneer Furnace No. 3 at Gladstone. This report was also to cover wood alcohol. You will recall having furnished report for Pioneer Furnace No. 2, Schedule No. 1, and Supplementary Schedule for Blast Furnaces. We are now in receipt of another request from the Statistician for Manufactures covering operations at Charcoal Kilns. We enclose a copy of his letter herein. We also enclose herein the previous reports filled out for Pioneer Furnace No. 2, thinking you may have need for them in making up the additional reports now called for.

In connection with the report for Pioneer Furnace No. 1, would it not be better for you to show under Section 10 the cost of the wood instead of the cost of the charcoal, because you will see from the Statistician's letter of Sept. 27th that he makes request for report covering the manufacture of charcoal. If we show this on the schedule covering the operations of the furnace as a part of the manufacture of pig iron, it will not be necessary to make up the additional schedule for the manufacture of charcoal.

Further, in making your schedule for wood alcohol we think it would be well to also include the acetate of lime in the same schedule, as no doubt they will make request for it if we do not furnish it.

In filling out the schedule for alcohol for Pioneer Furnace No. 2, if you decide that it is proper to put the cost of the wood on the pig iron

Mr. C. D. Mason - 2.

October 5, 1904.

schedule under Section 10 instead of the cost of the charcoal, your extra schedule now called for would only be made to cover the operations of the chemical plant covering the manufacture of wood alcohol.

We also enclose an additional set of blanks, namely, two Schedules No.1, and Supplementary Schedules for Iron & Steel Blast Furnaces. If you do not use these please return them as we shall need them in making copies here.

Yours truly,

Auditor.

HCS THB

ENC A

DIVISION OF
MANUFACTURES

IRH

Department of Commerce and Labor
BUREAU OF THE CENSUS
Washington

September 27, 1904.

RECEIVED
SEP 29 1904

Pioneer Iron Company,
233 Bank Street, Cleveland, Ohio.

Gentlemen:

In compliance with the laws of the state of Michigan and the Act of Congress of March 4, 1904, this office is engaged in taking the census of the manufactures of the state of Michigan. The results of this census will be accepted by the state for its census of 1904 and by the United States for its census of 1905, thus avoiding a duplicate canvass.

The special agent who collected the reports from manufacturers in Marquette, Marquette County, Mich., advises that the report for your blast furnace at that place must be secured from your Cleveland office. Accordingly I inclose herewith blank form of General Schedule No. 1 and Supplemental Schedule for Blast Furnaces upon which to make the report, together with an official envelope for the return of the prepared schedules free of postage.


There is also an extra schedule No. 1 inclosed for a separate report of your charcoal kilns in case you make your own charcoal. This report does not require a supplemental schedule as in the case of blast furnaces.

The canvass of the state is now practically completed

P. I. Co. -2-

and I am arranging for the publication of the data at an early date. I trust, therefore, that you will prepare and forward the reports as soon as possible.

Very respectfully,


Chief Statistician
for Manufactures.

-Inclosures-

September 23rd, 1904.

Mr. C. D. Mason, Asst. Audt.,
Gladstone, Mich.

Dear Sir:

We are in receipt of a letter under date of Sept. 22nd from Mr. W. M. Stewart, Statistician for the Census Bureau, Washington, D.C., with which he encloses blank forms for the Census of Manufactures, requesting that they be filled out covering operations of our Pioneer Furnace No. 1 at Gladstone. We enclose a copy of his letter herein for your instruction. These reports will have to be filled out in accordance with the same method used in filling out the report which we sent you for Pioneer Furnace No. 2, as per our letter of July 27th, your reply of August 9th, and our letter of August 26th.

Please give this your attention and return reports at your earliest convenience.

Yours truly,

Additor.

HCS THB

ENC G

DIVISION OF
MANUFACTURES

Department of Commerce and Labor

IRH

BUREAU OF THE CENSUS

Washington

September 26, 1904.

Mr. R. C. Mann, Auditor,

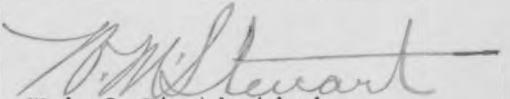
The Cleveland-Cliffs Iron Company,

Mercantile Bank Building, Cleveland, Ohio.

Dear Sir:

In compliance with your request of September 23, I take pleasure in sending you, inclosed herewith, 2 extra blank forms of General Schedule No. 1 and 2 Supplemental Schedules for Iron and Steel, Blast Furnaces.

Very respectfully,


Chief Statistician
for Manufactures.

-Inclosures-

September 23rd, 1904.

S.

Mr. W. M. Stewart, Chief Statistician for Manufactures,
Department of Commerce and Labor,
Washington, D.C.

Dear Sir:

We are in receipt of your letter of Sept. 22nd enclosing two copies of Schedule No. 1 and one copy of Supplementary Schedule for Iron & Steel Blast Furnace. We shall give this our prompt attention and forward in due course.

Will you kindly favor us with an additional set of blanks for keeping copies of the reports we may send you in this office. Also send us an extra Supplementary Schedule for Iron & Steel Blast Furnaces, No. E. 34-89, and oblige.

Yours truly,

Auditor.

HCS-THB

S.

DIVISION OF
MANUFACTURES

IRH

Department of Commerce and Labor

BUREAU OF THE CENSUS

Washington

September 22, 1904.

Cleveland Cliffs Iron Company,
Cleveland, Ohio.



Gentlemen:

In compliance with the laws of the state of Michigan and the Act of Congress of March 4, 1904, this office is engaged in taking the census of the manufactures of the state of Michigan. The results of this census will be accepted by the state for its census of 1904 and by the United States for its census of 1905, thus avoiding a duplicate canvass.

The special agent now at work in Gladstone, Mich., advises that the report of your blast furnaces and charcoal kilns at that place must be secured from your Cleveland office. Accordingly I inclose herewith blanks of General Schedule No. 1 and Supplemental Schedule for Blast Furnaces, also another General Schedule No. 1 for a separate report of your charcoal kilns.

In this connection I will be pleased to have you state the quantity and value, if any, of wood alcohol manufactured in connection with your charcoal kilns.

An official envelope is also inclosed to enable you to return the prepared schedules free of postage.

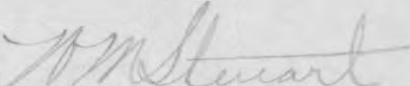
The reports should cover your manufacturing operations

L. C. I. Co. -2-

in Gladstone, Mich., during the census year ending June 30, 1904, or the business year most nearly conforming to that period.

The canvass in the state of Michigan being about completed, your immediate attention to this matter will be appreciated.

Very respectfully,


Chief Statistician
for Manufactures.

-Inclosures-

FRED M. WARNER,
SECRETARY OF STATE.
CHARLES S. PIERCE,
DEPUTY SECRETARY OF STATE.

MICHIGAN
DEPARTMENT OF STATE
LANSING

CENSUS DIVISION.
ARTHUR C. BIRD,
SUPERVISOR OF CENSUS.
MARL T. MURRAY,
DEPUTY SUPERVISOR OF CENSUS.

June 13, 1904.

Dear Sir:

In conformity with the law approved June 7, 1901, a census of the manufacturing industries of the state is to be taken for the year ending June 30, 1904. The act of Congress of the United States approved March 6, 1902, provides that during the year 1905 a census of manufactures shall be taken of the entire country.

In order to avoid the annoyance and expense of a duplicate canvass and to insure harmony in the results, I have made arrangements with the Director of the United States Census whereby the reports made for the State Census will be accepted by the United States, and also to have a considerable proportion of the work of collecting and tabulating the schedules done by the employees of the United States Census Bureau and paid for out of the current appropriation for that bureau. This arrangement will greatly reduce the cost of the census to the state. It has the approval of the leading manufacturers, and I hope that all will assist in carrying out its provisions by filling the census schedules and returning them promptly.


The schedules will be collected by Special Agents, but I anticipate that a large percentage of the manufacturers will prefer to

prepare their reports and mail them to the Bureau of the Census at Washington and thus avoid the necessity of a visit from the agent. I accordingly inclose herewith a blank schedule on which I shall be pleased to have you prepare a report for your establishment covering its operations for the fiscal year ending June 30, 1904, or your business year which most nearly conforms to this fiscal year.

If you are not a manufacturer, please return the schedule at once with a description of the industry in which you are engaged, so that the list at the Washington office may be corrected. An official envelope is inclosed to enable you to send this schedule to the Bureau of the Census at Washington without postage. The schedule should be mailed not later than July 5, as all establishments for which reports are not received at Washington by July 10 will be required to furnish a report to the agent who will visit them for that purpose.

The schedule should be prepared in conformity with the instructions following each inquiry. All questions should be answered, and if any are not applicable to your business, please indicate that fact by writing the word "None" after the inquiry. If book accounts are not available for exact information, carefully prepared estimates will be accepted. I hope you will give this request prompt attention.

Very respectfully,



Supervisor of Census.

(Inclosures)

11-497

WM. G. MATHER, PRES. AND TREAS.

J. H. SHEA, SECY.
R. C. MANN, AUDITOR.

AUSTIN FARRELL, MANAGER.

The Cleveland-Cliffs Iron Co.

PIONEER FURNACE.

REFINED WOOD ALCOHOL

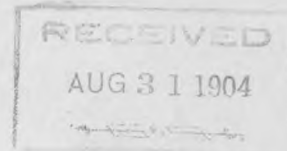
LAKE SUPERIOR CHARCOAL PIG IRON.

GRAY ACETATE OF LIME

FURNACE AND CHEMICAL WORKS,
GLADSTONE, MICHIGAN.

GLADSTONE, MICH., 29th August, 1904.

Mr. R. C. Mann,
General Auditor.



Dear Sir:-

I return herewith report of the census of manufacturers with sections 6, 7, 8 and 12 amended in accordance with suggestions in yours of August 26th.

Yours truly,

Assistant Auditor.

August 26 1904.

Mr. C. D. Mason.

Asst. Auditor, Marquette:

Dear Sir:--

We return herewith the report of the Census of Manufactures, Schedule No.1, and call your attention to the fact that while you have filled in under sections 9, 10 and 11 the figures relating to manufacture of pig iron only, the figures as given by you under section 6, 7, 8 and 12 are for salaries and miscellaneous information covering the labor for the entire plant. In view of the fact that the information given under the first of the sections as mentioned is for pig iron only, the latter sections should be changed to correspond. Kindly make the changes and return statement promptly.

Yours truly,

Auditor.

HCS JRM

Inc.

The Cleveland-Cliffs Iron Co.

PIONEER FURNACE.

REFINED WOOD ALCOHOL.

GRAY ACETATE OF LIME.

LAKE SUPERIOR CHARCOAL PIG IRON.

FURNACE AND CHEMICAL WORKS,
GLADSTONE, MICHIGAN.

GLADSTONE, MICH., August 9th. 1904.

Mr. R. C. Mann, Auditor.

Mercantile Bank Bldg.,

Cleveland, Ohio.



Dear Sir:-

I am returning you herewith schedule of census of manufactures and supplement thereto. I take this to be a schedule for furnace plants only, and I have therefore, under No. 10, cut out everything except which pertains to the manufacture of pig iron and have made up all figures from pig iron cost sheet, and in case we are required to furnish information regarding the chemical plant, it will not be confused with the figures here given.

I have not been able to find where you obtained the figures in No. 4 of land, buildings, machinery etc. 966,658.63 and hence have not subdivided it. Under item No. 10 you show amount paid for rent of office and buildings \$2,932.96. I have not touched this figure, as I can not find where you obtained it, and I have therefore shown on the side the amount for repairs of buildings and machinery, which should be included.

Yours truly,

Assistant Auditor.

July 27th, 1904.

Mr. C. D. Mason, Asst. Andt.,
Gladstone, Mich.

Dear Sir:

We are in receipt of your letter of July 18th returning report for the Census of Manufacturers. We are now in receipt of a supplementary schedule which it will be necessary to fill out and which we enclose herein.

This supplementary schedule calls for details of materials, production, etc. as given in schedule No.1. We return schedule No.1 to you herein, and you will note it is necessary to make the items on the supplementary schedule agree with the totals given on schedule No.1.

Under item No.4 on schedule No.1, you will notice that we have penciled in the total as shown on balance sheet of November 30th, for buildings, machinery, tools and implements; if you can divide these items between buildings, machinery, tools and implements, please do so. The value of the land we should also have if you can give it. We have penciled in the amount of bills receivable, unsettled accounts, etc. as taken from your balance sheet and our ledger account. All these items under No.4 will want to be closely scrutinized, before they are submitted, for various reasons, and in filling in the figures kindly give all the necessary data as to how you arrive at them.

Under No.6 we note that you have shown 1 woman, salary \$280, and 5 men, salary \$6719.14. This 1 woman, salary \$280, is in addition to the amount shown on your labor statement. Is this correct?

Mr. C. D. Mason - 2.

July 27, 1904.

Under No.9 you will note supplementary schedule states that the cost of repairs to machinery, furnaces, stoves, hoists, pig iron casting machines, re-lining of furnaces, etc., should be included under this heading rather than under No.10. It will therefore probably be necessary for you to change the items which have now been filled in under No.9.

Under No. 10 you have shown the cost of the wood, but from the supplementary schedule we are led to believe that instead of giving the cost of the wood we should give the cost of the charcoal. We have also filled in several other items of materials, which, if you do not find tally with your records, you will have to change.

The item of "All Other Materials, etc." should be detailed for our use here, so that we may be able to explain how we arrive at same in going over the report.

Under No.11, which the supplementary schedule calls for a detail of, you will note that we are not asked for wood alcohol; however, ^{it should be given} - it is possible they will ask us to give another report for the manufacture of wood alcohol.

These reports are getting to be too numerous to be comfortable, and we want to be careful in filling them out so as to be able to tell how we arrive at our figures ^{so that} and if there are any other reports which we may have to make the figures will not disagree in any way.

Please return these as promptly as possible, and oblige,

Yours truly,

Auditor.

HCS THB

ENC B

Department of Commerce and Labor

BUREAU OF THE CENSUS

Washington:

July 25, 1904.

Pioneer Iron Company,
Cleveland, Ohio.

RECEIVED

JUL 27 1904

Gentlemen:

Under date of July 14th, your superintendent, Mr. Austin Farrell, informed this office that he mailed the blanks sent to Marquette to your office, where the information necessary to complete the schedule must be secured.

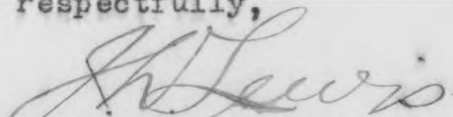
It is presumed that Mr. Farrell forwarded to you General Schedule #1 used by this office for all manufacturing establishments, but as a Supplemental Schedule is required for more details in the blast furnace industry, there is inclosed under separate cover this Supplemental Schedule for use in preparing your report. The Supplemental Schedule should accompany Schedule #1, and, as you will notice, is intended to supply certain details not included in the general schedule.

The notes which follow the inquiries are very complete and intended to give all the information necessary in connection with the filling of the schedule.

Your early attention to this matter will be highly appreciated.

Inclosed official envelope will enable you to return the blanks without paying postage.

Very respectfully,



Separate inclosure. Acting Chief Statistician for Manufactures

FRED M. WARNER,
SECRETARY OF STATE.
CHARLES S. PIERCE,
DEPUTY SECRETARY OF STATE.

MICHIGAN
DEPARTMENT OF STATE
LANSING

CENSUS DIVISION.
ARTHUR C. BIRD,
SUPERVISOR OF CENSUS.
MARL T. MURRAY,
DEPUTY SUPERVISOR OF CENSUS.

June 13, 1904.

Dear Sir:

In conformity with the law approved June 7, 1901, a census of the manufacturing industries of the state is to be taken for the year ending June 30, 1904. The act of Congress of the United States approved March 6, 1902, provides that during the year 1905 a census of manufactures shall be taken of the entire country.

In order to avoid the annoyance and expense of a duplicate canvass and to insure harmony in the results, I have made arrangements with the Director of the United States Census whereby the reports made for the State Census will be accepted by the United States, and also to have a considerable proportion of the work of collecting and tabulating the schedules done by the employees of the United States Census Bureau and paid for out of the current appropriation for that bureau. This arrangement will greatly reduce the cost of the census to the state. It has the approval of the leading manufacturers, and I hope that all will assist in carrying out its provisions by filling the census schedules and returning them promptly.

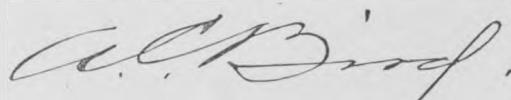
The schedules will be collected by Special Agents, but I anticipate that a large percentage of the manufacturers will prefer to

prepare their reports and mail them to the Bureau of the Census at Washington and thus avoid the necessity of a visit from the agent. I accordingly inclose herewith a blank schedule on which I shall be pleased to have you prepare a report for your establishment covering its operations for the fiscal year ending June 30, 1904, or your business year which most nearly conforms to this fiscal year.

If you are not a manufacturer, please return the schedule at once with a description of the industry in which you are engaged, so that the list at the Washington office may be corrected. An official envelope is inclosed to enable you to send this schedule to the Bureau of the Census at Washington without postage. The schedule should be mailed not later than July 5, as all establishments for which reports are not received at Washington by July 10 will be required to furnish a report to the agent who will visit them for that purpose.

The schedule should be prepared in conformity with the instructions following each inquiry. All questions should be answered, and if any are not applicable to your business, please indicate that fact by writing the word "None" after the inquiry. If book accounts are not available for exact information, carefully prepared estimates will be accepted. I hope you will give this request prompt attention.

Very respectfully,



Supervisor of Census.

(Inclosures)

11-497

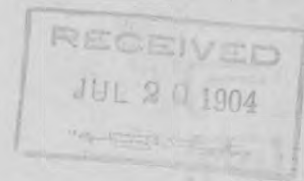
PIONEER IRON COMPANY.

AUSTIN FARRELL, SUPERINTENDENT.

GEO. A. GARRETSON, PRESIDENT.
WM. G. MATHER, VICE PRESIDENT.
FRED. A. MORSE, TREASURER.
E. V. HALE, SECRETARY.

GLADSTONE, MICH., July 18th. 1904.

Mr. R. C. Mann, Auditor.
Mercantile Bank Bldg.,
Cleveland, Ohio.



Dear Sir:-

I return you herewith blank for Census of
Manufacturers filled out in lead pencil, as per your letter of
July 15th.

Yours truly,

A handwritten signature in cursive script that reads "C. D. Mason".

Assistant Auditor.

16343

8-713

FRED M. WARNER,
SECRETARY OF STATE.
CHARLES S. PIERCE,
DEPUTY SECRETARY OF STATE.

MICHIGAN
DEPARTMENT OF STATE
LANSING

CENSUS DIVISION.
ARTHUR C. BIRD,
SUPERVISOR OF CENSUS.
MARL T. MURRAY,
DEPUTY SUPERVISOR OF CENSUS.

July 5, 1904.

Dear Sir:

No reply has been received to my circular letter of June 13, requesting you to furnish the report required for the census of manufactures. It is possible you have been preparing the report and can now forward it to Washington. If you will do so at once, you will greatly assist in the early completion of the state census of manufactures and avoid the necessity of a Special Agent calling on you. If you are not engaged in manufacturing, please answer the following questions and return this circular in the inclosed official envelope:

Name

Post Office

Character of industry (give full description)

.....
.....

Very respectfully,



Supervisor of Census.

11-183

(Inclosure.)

July 5th, 1904.

Mr. C. D. Mason, Asst. Auditor,

Gladstone, Mich.

Dear Sir;-

We return herewith blank issued by the Department of Commerce and Labor relative to Census of Manufacturers, 1904., same being enclosed with your letter of June 29th. We are returning this to you as there a number of questions asked relative to labor, equipment, etc. that we are unable to fill in from this end. Begining with No. 6 I wish you would fill in all the desired information so far as you can in pencil. You will notice that we have pencilled in a number of them and would be glad to have you check same and make any changes necessary. Under No. 10 our figures include the freight on wood and limestone; I think you had better show the freight separately as called for on the blank. As our fiscal year ending Nov. 30th, 1903 most nearly conforms to the year ending June 30th, 1904, I presume it will be best to use the figures for that year.

Yours truly,

Auditor.

Form 2, 5-0.

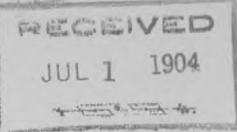
PIONEER IRON COMPANY.

PIONEER FURNACE NO. 2.

AUSTIN FARRELL, Superintendent.

GEO. A. GARRETSON, President.
WM. G. MATHER, Vice-President.
FRED A. MORSE, Treasurer.
E. V. HALE, Secretary.

MARQUETTE, MICH. June 29, 1904

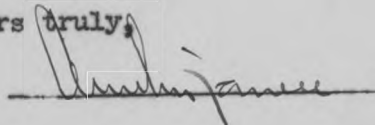


Mr. R. C. Mann, Auditor,
Cleveland, O.

Dear Sir:-

Please note enclosed blank, kindly fill out same at your earliest convenience and send to the proper parties. You can get all the information you need from the labor statement.

Yours truly,

 Sup't.

1903-D-29

DO NOT FOLD OR ROLL THIS BOOK

ANNUAL REPORT

OF THE

Marquette and Southeastern

RAIL *Way* COMPANY

TO THE

COMMISSIONER OF RAILROADS

FOR THE

STATE OF MICHIGAN



1903

LANSING
ROBERT SMITH PRINTING CO., STATE PRINTERS AND BINDERS
1903

29

ANNUAL REPORT

OF THE

Marquette and Southeastern

RAIL *Way* COMPANY

TO THE

COMMISSIONER OF RAILROADS

FOR THE

STATE OF MICHIGAN



1903

LANSING
ROBERT SMITH PRINTING CO., STATE PRINTERS AND BINDERS
1903

Important Circular—Please Read.

OFFICE OF THE COMMISSIONER OF RAILROADS, }
Lansing, Mich., January 1, 1904. }

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, 1903.

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.

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

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

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

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

Very truly yours,

THERON W. ATWOOD,

Commissioner of Railroads.

OFFICERS OF THE COMPANY, WITH LOCATION OF OFFICES.

OFFICIAL POSITION.	NAME.	LOCATION OF OFFICE.
President,	<i>Wm G Mather</i>	<i>Cleveland Ohio</i>
Vice-President,	<i>E. R. Perkins</i>	<i>Hulloughby Ohio</i>
Secretary,	<i>J. H. Hoyt</i>	<i>Cleveland Ohio</i>
Auditor,	<i>H. A. St John</i>	<i>Marquette Mich</i>
Treasurer,	<i>Wm G Mather</i>	<i>Cleveland Ohio</i>
General Manager,	<i>H. R. Harris</i>	<i>Marquette Mich</i>
General Superintendent,	<i>Arthur Ward</i>	<i>Munising "</i>
Assistant General Superintendent,		
Division Superintendents,		
Chief Engineers,	<i>J. F. Deimling</i>	<i>Marquette Mich</i>
Superintendent of Telegraph,		
Cashier,		
General Passenger Agent,	<i>H. A. St John</i>	<i>Marquette Mich</i>
General Freight Agent,	<i>H. A. St John</i>	<i>" "</i>
Attorney,	<i>Wm F Belden</i>	<i>Isperming "</i>
Receiver,		

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

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

DIRECTORS.

NAME.	POSTOFFICE ADDRESS.	TERM EXPIRES.
Wm G Mather	Cleveland Ohio.	Feb. 14 th 1905
J H Hoyt	" "	"
H R Perkins	Willoughby "	"
J H Wade	New York City	"
W M Duncan	Lansing Mich	"
H B Hargis	Marquette Mich	"
Peter White	" "	"

STOCKHOLDERS, STOCK AND GENERAL OFFICES.

1. When chartered or articles of association filed, *October 3rd 1900*
2. Number of stockholders at date of last election, *11*
3. Number of stockholders in Michigan at same time, *7*
4. Amount of full paid stock held in Michigan at same date, \$
5. Date of annual meeting of stockholders, *Second Tuesday in February*
6. Fiscal year of company ends, *December 31st*
7. General offices of the company are located at *Marquette Mich.*

REMARKS.

REPORT

Of the *Marquette and Southeastern* Rail. *way* Company,

FOR THE YEAR ENDING DECEMBER 31, 190*3*

GENERAL EXHIBIT.	DEBIT.		CREDIT.	
1. Total earnings from operation,				9684939
2. Total expenses, including taxes,		5849229		
3. Net income or deficit,				3835710
4. Interest on funded debt,				
5. Interest on unfunded debt,		5259168		
6. Rentals of buildings, tracks, etc.,				
7. Rentals of engines and cars,				
8. Balance applicable to dividends,				
9. Dividends declared (per cent),				
10. Balance for the year, <i>Deficit</i>		1423458		
11. Balance (profit and loss) last year,				672284
12. *Items not included in above, as follows,				
13. Balance forward to next year,		751174		

ANALYSIS OF CAPITAL STOCK.

1. Amount authorized by charter or articles of associat'n,				100000000
2. Par value of shares,				10000
3. Number of shares issued,	1000			
4. Amount paid in on common,				
5. Amount paid in on preferred.				
6. Amount paid in on shares not issued, (number),				
7. Total amount paid in, as per books of the Company,				
8. Paid in per mile of road owned by company,—Miles,				

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

ANALYSIS OF DEBT ACCOUNTS.

1. FUNDED DEBT.

CLASS, CHARACTER AND DATE OF ISSUE.	RATE OF INTEREST.	WHEN DUE.	WHERE PAYABLE.	AMOUNT OUTSTANDING.
		<i>None</i>		
Total funded debt,			\$	

2. UNFUNDED DEBT.

FOR WHAT INCURRED?	IS THE SAME TO BE FUNDED OR HOW LIQUIDATED.	AMOUNT.
For construction,		50369131
For equipment,		13536879
For real estate,		
For renewals,		
For miscellaneous,		10766448
For current balances,		2589650
Total unfunded debt,		\$ 77256108

3. RECAPITULATION.

Total funded debt,	<i>None</i>	
Total unfunded debt,	77256108	
<i>Total debt liabilities,</i>		\$ 77256108
Amount of debt liabilities per mile of road [<i>32.02</i> miles],	2412745	
Total amount of stock and debt,	177256108	
Stock and debt per mile of road [<i>32.02</i> miles],	5535794	

GENERAL BALANCE SHEET.—Dr.

1. Construction account,					50369131
2. Equipment account,					13530879
3. Other investments (specifying same.)					
<i>Contracts Franchises &c</i>					98750000
4. CASH ITEMS:					
Cash,					
Bills receivable,					
Due from agents,					149590
5. OTHER ASSETS:					
Material and supplies,				5392770	
Sinking funds,					
*Debit balances from companies and individuals,				8312564137	13705334
<i>Profit & Loss</i>					751174
6. Total,					\$ 177256108

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

*CHARGES AND CREDITS TO PROPERTY DURING THE YEAR.

	EXTENSIONS AND NEW SIDINGS.	2D TRACK	NEW BUILDINGS.	NEW FENCES.	MACHINERY AND TOOLS.	NEW LOCOMOTIVES.	NEW CARS.	TOTAL.
Main line, BRANCHES,	3297530						2522885	5820415
LEASED OR PROPRIETARY ROADS								
Total charges,	\$ 3297530						2522885	5820415

Total charges to property account as above, \$58204.15
 Property sold and credited, - - - \$ _____
 Net addition to property account, - - \$58204.15

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

*ANALYSIS OF

1. PASSENGER.

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

2. FREIGHT.

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

*When the Road is wholly within the State of Michigan this need not be filled out but the Analysis of Earnings in Michigan on pages 14 and 15 must always be given.

*ANALYSIS OF

1. PASSENGER.

	LOCAL FARES.	THROUGH FARES.	TOTAL PASSENGER FARES.	EXPRESS AND BAGGAGE.
Main line and branches, LEASED OR PROPRIETARY ROADS.—(Enter each separately.)	905252	230364	1135616	255107
Total passenger department earnings,	905252	230364	1135616	255107

2. FREIGHT.

	LOCAL TRAFFIC.	THROUGH TRAFFIC.
Main line and branches, LEASED OR PROPRIETARY ROADS.—(Enter each separately.)	7538015	305609
Total freight department earnings,	7538015	305609

*This information must always be given

EARNINGS.—In the State of Michigan.

EARNINGS.

MAILS.		OTHER SOURCES.	TOTAL.	PER TRAIN MILE.	PER MILE OF ROAD.
667	46		1457469	65	45517
667	46		1457469	65	45517

EARNINGS.

TOTAL TRAFFIC.	OTHER SOURCES, FREIGHT DEPARTM'T.	TOTAL.	PER TRAIN MILE.	PER MILE OF ROAD.
78436	24	7843624	235	244960
78436	24	7843624	235	244960

ANALYSIS OF EXPENSES.

CLASS 1.—MAINTENANCE OF WAY AND STRUCTURES.

1. Repairs of roadway,		990688
2. Renewals of rails,		
3. Renewal of ties,		
4. Repairs and renewals of bridges and culverts,		10804
5. Repairs and renewals of fences, road crossings, signs and cattle guards,		12938
6. Repairs and renewals of buildings and fixtures,		117989
7. Repairs and renewals of docks and wharves,		
8. Repairs and renewals of telegraph,		19252
9. Stationery and printing,		1521
10. Other expenses,		
Total,	\$	1153192

CLASS 2.—MAINTENANCE OF EQUIPMENT.

11. Superintendence,		
12. Repairs and renewals of locomotives,		164752
13. Repairs and renewals of passenger cars,		29909
14. Repairs and renewals of freight cars,		119836
15. Repairs and renewals of work cars,		22944
16. Repairs and renewals of marine equipment,		
17. Repairs and renewals of shop machinery and tools,		
18. Stationery and printing,		591
19. Other expenses,		
Total,	\$	338026

CLASS 3.—CONDUCTING TRANSPORTATION.

20. Superintendence,		88921
21. Engine and roundhouse men,		470285
22. Fuel for locomotives,		1045022
23. Water supply for locomotives,		35133
24. Oil, tallow and waste for locomotives,		23167
25. Other supplies for locomotives,		3457
26. Train service,		351034
27. Train supplies and expenses,		40628
28. Switchmen, flagmen and watchmen,		311820
29. Telegraph expenses,		63695
30. Station service,		337558
31. Station supplies,		45154
32. Switching charges,		
33. Car mileage,		5607
34. Hire of equipment,		208788
35. Loss and damage,		20118
36. Injuries to persons,		8550
37. Clearing wrecks,		3451
38. Operating marine equipment,		
39. Advertising,		13588
40. Outside agencies,		
41. Commissions,		
42. Stock yards and elevators,		
43. Rents for tracks, yards and terminals,		60708
44. Rents for buildings and other property,		18731
45. Stationery and printing,		38328
46. Other expenses,		1485
Total,	\$	3184064

ANALYSIS OF EXPENSES—Continued.

CLASS 4.—GENERAL EXPENSES.

47. Salaries of general officers,		107856
48. Salaries of clerks and attendants,		156750
49. General office expenses and supplies,		57739
50. Insurance,		90192
51. Law expenses;		79013
52. Stationery and printing (general offices),		51568
53. Other expenses,		6735
54. Taxes,		624094
TOTAL,	\$	1173947

RECAPITULATION OF EXPENSES.

	PER CENT OF EXPENSES.	
1. Maintenance of way and structures,	2207	1153192
2. Maintenance of equipment,	646	338026
3. Conducting transportation,	6094	3184064
4. General expense, including taxes,	1053	1173947
5. TOTAL OPERATING EXPENSES AND TAXES,	10000	5849229
6. Operating expenses and taxes per mile of road,		182674
7. Operating expenses and taxes per train mile run, for trains, earning revenue [miles],		105
PROPORTION OF OPERATING EXPENSES AND TAXES FOR MICHIGAN,		all
8. Main line,		
*LEASED OR PROPRIETARY ROADS.		
Total proportion of Expense for Michigan,	\$	all
9. Percentage of expenses to earnings [60,4090]		
10. Net earnings per mile of road,		119791
11. Net earnings per train mile,		686

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 work 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, 1903. 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, 1902, is not to be accepted as a basis for computing "Average daily compensation."

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

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

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

EXPLANATORY REMARKS.

Three General Officers receive no compensation

EMPLOYEES AND SALARIES—STATE OF MICHIGAN.

CLASS.	NUMBER.	TOTAL NUMBER OF DAYS WORKED.	YEARLY TOTAL COMPENSATION.	AVERAGE DAILY COM- PENSATION
General Officers,	4	1460	159515	109
Other Officers,	1	365	78000	214
General Office Clerks,	3	1095	168000	153
Train Dispatchers,	1	146	21847	150
Station Agents,	2	720	122583	170
Other Station Men,	4	1463	175430	119
Enginemen,	4	617	240381	388
Firemen,	4	616	140890	229
Conductors,	3	559	174917	313
Other Trainmen,	6	943	181802	193
Machinists,				
Carpenters,				
Other Shopmen,				
Section Foremen,	5	1514	235363	155
Other Trackmen,	13	3975	594289	150
Switchmen,				
Flagmen and Watchmen,	5	1623	260821	160
Telegraph Operators,				
Employees—account Floating Equipment,				
All other Employees and Laborers,	5	794	186993	237
TOTAL (Including "General Officers")—MICHIGAN,	60	15890	2740831	173
Less "General Officers,"	4	1460	159515	109
TOTAL (Excluding "General Officers")—MICHIGAN,	56	14430	2581316	182
DISTRIBUTION OF ABOVE:				
General Expenses,	8	2920	405515	138
Maintenance of Way and Structures,	24	5064	1057850	208
Maintenance of Equipment,				
Conducting Transportation,	28	7906	1277466	162
TOTAL (Including "General Officers")—MICHIGAN,	60	15890	2740831	173
Less "General Officers,"	4	1460	159515	109
TOTAL (Excluding "General Officers")—Michigan,	56	14430	2581316	182
TOTAL (Including "General Officers")—ENTIRE LINE,	60	15890	2740831	173

DESCRIPTION OF ROAD.

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

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

MAIN LINE,		Miles.	100ths	Miles.	100ths.
In Other States.	2. †In Michigan, from <i>Marquette (West Yard)</i> to <i>Lawson</i>			<i>2696</i>	
	“ from to				
	“ from to				
	“ from to				
	3. Total Length Completed,			<i>2696</i>	
	4. Length of double track on main line,				
BRANCHES.					
Name of Each.	<i>Dead River Branch</i> from <i>Whitman</i> to <i>Hoist</i>			<i>506</i>	
	from to				
	from to				
	from to				
	5. Total length of branches owned by company,			<i>506</i>	
	6. “ “ “ “ “ “ “ in Michigan,			<i>506</i>	
	7. “ “ road belonging to this company,				
	8. “ “ “ “ “ “ in Michigan,			<i>3202</i>	
	9. †Aggregate length in Michigan of sidings, spurs and other tracks not above enumerated, <i>includes 1/2 of 1.80 mi owned jointly with D S R Rly.</i>			<i>457</i>	
	10. †Aggregate length of tracks in Michigan belonging to this company, computed as single track,			<i>3659</i>	
	11. Gauge of track <i>of</i> feet <i>8 1/2</i> inches,				

Checked with Mr Harris Annual report for year 1903

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

DESCRIPTION OF ROAD—Continued.

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

NUMBER OF BRIDGES AND TRESTLES IN MICHIGAN.

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

DESCRIPTION OF ROAD—Continued.

DRAW BRIDGES IN MICHIGAN.

1. How many on your line?
2. Where located, when built, and length of draw span,

None

3. Character of structure,
4. Material of which constructed,
5. Height above water and depth of water under bridge,
6. How swung, by engine or hand power,
7. Approaches straight or curved,
8. Do you require all trains to come to full stop before crossing a draw, and how are they signaled?

CROSSINGS—RAILROAD AND HIGHWAY.

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

<i>D S S & A.</i>	R. R. at	<i>Marquette</i>	<i>4</i>
<i>M. C. & P. (St. Ry.)</i>	R. R. at	"	<i>1</i>
<i>Dead River</i>	R. R. at	"	<i>1</i>
	R. R. at		
	R. R. at		
	R. R. at		
	R. R. at		

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

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

DESCRIPTION OF ROAD—Continued.

CROSSINGS—RAILROAD AND HIGHWAY.

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

<i>D S S & A Ry.</i>	<i>Marquette</i>	<i>4</i>
<i>M C & P I St Ry.</i>	<i>"</i>	<i>1</i>
<i>Dead River R.R.</i>	<i>"</i>	<i>1</i>

4. What pattern or patterns have you adopted?

Union Switch & Signal Co.

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

16

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

0

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

2

8. What pattern or patterns in use? *Chicago Ry Equipment Co*

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

10. Number of highway bridges 18 feet above track,

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

12. Have safety guards been erected at overhead obstructions?

Yes
yes

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

14. How are they treated? *Blocked with wood*

STATIONS.

1. Number of stations on whole lines,

4

2. Same in Michigan,

4

EMPLOYES.

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

60

2. Same in Michigan,

60

3. Classify your employes as per following list:

NUMBER.

Baggagemen,

Brakemen,

6

Conductors,

3

Engineers,

4

Firemen,

4

Laborers,

28

Shopmen,

Yardmen,

Others,

15

DESCRIPTION OF ROAD.—Continued.

REPAIRS AND RENEWALS.

FENCING IN MICHIGAN.

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

ROAD BED AND TRACK.

1. Number of track sections in Michigan,					5
2. Average length of sections (miles),					5.4
3. Average number of men in each section gang,					4
4. Number of new ties put in whole line during the year,	<i>Line completed in 1902</i>				
5. Number of new ties put in track in Michigan,	"	"	"	"	
6. Average number of new ties per mile of road,	"	"	"	"	
7. New rails put in track,	"	"	"	"	
Iron [tons] miles,					
Steel [tons] miles,					
8. Total miles of track laid with new rails,					

BRIDGES AND CULVERTS.

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

DESCRIPTION OF ROAD.—Continued.

3. New bridges built during the year—Number,

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

ROLLING STOCK.

	NUMBER.	PRESENT ESTIMATED VALUE
1. Number of locomotives of more than 30 tons weight, exclusive of tender,	<i>2</i>	<i>664171</i>
2. Number of locomotives of 20 to 30 tons weight, exclusive of tender,		
3. Number of locomotives of 10 to 20 tons weight, exclusive of tender,		
TOTAL LOCOMOTIVES,	<i>2</i>	<i>664171</i>
4. Number of passenger cars—12-wheel, including official cars,		
5. Number of passenger cars—8-wheel, including official cars,		
6. Number of express and baggage cars,		
7. Number of box freight cars,	<i>25</i>	<i>1816634</i>
8. Number of stock cars,	<i>None</i>	
9. Number of platform cars,	<i>159</i> <i>160</i>	<i>8871041</i>
10. Number of ore cars,	<i>None</i>	
11. Number of conductors' way cars,	<i>"</i>	
12. Other cars as follows: <i>Steam Shovel</i>	<i>1</i>	<i>501399</i>
Total, No. Cars,	<i>186</i>	<i>11189074</i>
Total, Engines and Cars,	<i>188</i>	<i>\$ 11853245</i>
13. Number of locomotives equipped with power brakes,	<i>2</i>	
14. Number of passenger-train cars equipped with power brakes,		
15. Number of freight cars equipped with power brakes,	<i>186</i>	
16. What pattern of power brakes have you in use, and number of locomotives and cars with each?		
<i>All Engines & Cars equip with Westinghouse Automatic Brakes</i>		

ROLLING STOCK.—Continued.

18. Are your freight cars being equipped with automatic couplers as required by Act No. 147, Session Laws of 1885, as amended by act No. 88, Session Laws of 1887? *Yes*

19. What pattern or patterns have you adopted for use? *Buckeye*

20. How are your passenger cars heated? *Passenger Cars*

This Company owns no

MILEAGE, TRAFFIC, ETC.

TRAIN MILEAGE.	ENTIRE LINES.	IN MICHIGAN.
1. Miles run by passenger trains during the year,		22443
2. Miles run by freight trains during the year,		33419
3. Miles run by mixed trains,		
4. Total mileage of trains earning revenue,	<i>All in Michigan</i>	55862

MILEAGE, TRAFFIC, ETC.—Continued.

PASSENGER TRAFFIC.—Entire Lines.

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

All in Michigan

*PASSENGER TRAFFIC.—In the State of Michigan.

	NUMBERS.	MILES.	RATE. Dollars, Cts.	
1. Number of through passengers carried, earning revenue,	4596			
2. Number of local passengers carried, earning revenue,	24792			
3. Total number of passengers carried, earning revenue,	29388			
4. Number of passengers carried one mile,	511808			
5. Average distance carried,		17		
6. Average amount received from each passenger,				.39
7. Average receipts per mile for through passengers,				.018
8. Average receipts per mile for local passengers,				.023
9. Average receipts for passenger per mile for all passengers,				.022
10. Estimated cost of carrying each passenger one mile,				No Account

*This information must always be given.

MILEAGE, TRAFFIC, ETC.,—Continued.

FREIGHT TRAFFIC.—Entire Lines.

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

All in Michigan

*FREIGHT TRAFFIC.—In State of Michigan.

	TONS.	MILES.	RATE. Dollars, Cts.	
1. Number of tons of through freight carried, earning revenue,	22958			
2. Number of tons of local freight carried, earning revenue,	474955			
3. Total tons of freight carried, earning revenue,	497913			
4. Total mileage of through freight,		619866		
5. Total mileage of local freight,		7921659		
6. Total freight mileage or tons carried one mile,		8541525		
7. Average ton haul for through freight,		27		
8. Average ton haul for local freight,		16		
9. Average ton haul for all freight,		17		
10. Average amount received for each ton haul,				1 573
11. Average receipts ton per mile, for through freight,				0 040
12. Average receipts ton per mile, for local freight,				0 093
13. Average receipts ton per mile, for all freight,				0 097
14. Estimated cost of carrying one ton one mile,				

No Account

*This information must always be given.

FREIGHT TRAFFIC MOVEMENT.—Entire Line.

[COMPANY'S MATERIAL EXCLUDED.]

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

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

COMMODITY.	FREIGHT ORIGINATING ON THIS ROAD. WHOLE TONS.	FREIGHT RECEIVED FROM CONNECTING ROADS AND OTHER CARRIERS. WHOLE TONS.	TOTAL FREIGHT TONNAGE.		
			WHOLE TONS.	PER CENT.	
Products of agriculture.	Grain,	12	327	339	07
	Flour,		345	345	07
	Other mill products,	15	197	212	05
	Hay,	241	636	877	17
	Tobacco,				
	Cotton,				
	Fruit and vegetables, Potatoes,	89	20	109	02
Total,	357	1519	1876	38	
Products of animals.	Live stock,		16	16	
	Dressed meats,				
	Other packing house products,				
	Poultry, game and fish,				
	Wool, Hides and leather,				
Total,		16	16		
Products of mines.	Anthracite coal,	25		25	
	Bituminous coal,	12021	20	12041	242
	Coke,	88		88	02
	Ores,		11,8910	11,8910	2388
	Stone, sand and other like articles, Salt,	1611	8567	10178	205
Total,					
Products of forest.	Lumber,	13745	127497	141242	2837
	Logs,	6867	2368	9235	185
	Shingles,	68272	2476	70748	1421
	<i>Wood</i>	55		55	01
	Total,	3174	230214	233388	4687
Manufac- tures.	Petroleum and other oils,	78368	234998	313366	6294
	Sugar,		165	165	03
	Naval stores,				
	Iron, pig and bloom,	32492	28	32520	653
	Iron and steel rails,	157	27	184	04
	Other castings and machinery,	382	646	1028	20
	Bar and sheet metal,				
	Cement, brick and lime,	1262	1515	2777	56
	Agricultural implements,				
	Wagons, carriages, tools, etc.,		10	10	
	Wines, liquors and beers,		36	36	01
	Household goods and furniture,	20	86	106	02
Total,					
Merchandise,	34313	2513	36826	739	
Miscellaneous: Other commodities, not mentioned above,	1106	2131	3237	65	
	995	355	1350	27	
TOTAL TONNAGE,	128884	369029	497913	10000	

*This information must always be given.

ADDITIONAL QUESTIONS.

EXPRESS COMPANIES.

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

American Express Co; We receive compensation based on pound carried. They do a General Express business. We take freight at Depots

TELEGRAPH.

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

23 miles owned by this Co. (M & St L Ry)

TRANSPORTATION COMPANIES.

Co-operative Freight Lines are not to be reported.

Sleeping, Drawing-room, and Palace Car Companies.

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

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

*This information must always be given.

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.
	<i>None</i>	

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

KILLED.

DATE.	NAME AND OCCUPATION.	PLACE.	CAUSE AND RESPONSIBILITY FOR ACCIDENT.
	<i>None</i>		

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

STATEMENT OF ACCIDENTS.—Continued.

INJURED.			
DATE.	NAME AND OCCUPATION.	PLACE.	CAUSE AND RESPONSIBILITY FOR ACCIDENT.
Sept 11 th 1903	Chas Lehigh Brakeman	Freight House switch. Marquette	Shuffled on switch rod while switching car, had toes crushed by wheels Accidental

TABULAR STATEMENT OF ACCIDENTS IN MICHIGAN.

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

SUMMARY OF ACCIDENTS IN MICHIGAN.

Number of persons killed during the year,	<i>None</i>
Number of persons injured during the year,	<i>1</i>
Number of casualties purely accidental,	<i>1</i>
Number resulting from lack of caution, carelessness, or misconduct,	<i>None</i>
Persons killed or injured while intoxicated,	<i>None</i>
Trespassers or tramps killed or injured,	<i>"</i>
Suicides,	<i>"</i>

CLASSIFICATION OF EMPLOYEES.

KILLED OR INJURED IN MICHIGAN.

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

State of Michigan,

COUNTY OF *Marquette*

} ss.

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

OF THE

Marquette & Southeastern Rail way Company,

being duly sworn, depose and say that they have caused the foregoing statements to be prepared by the proper officers and agents of this company, and having carefully examined the same, declare them to be a true, full and correct statement of the condition and affairs of said company, on the thirty-first day of December, A. D. 1903, to the best of their knowledge and belief.

Signed,

H. R. Harris
H. A. St. John

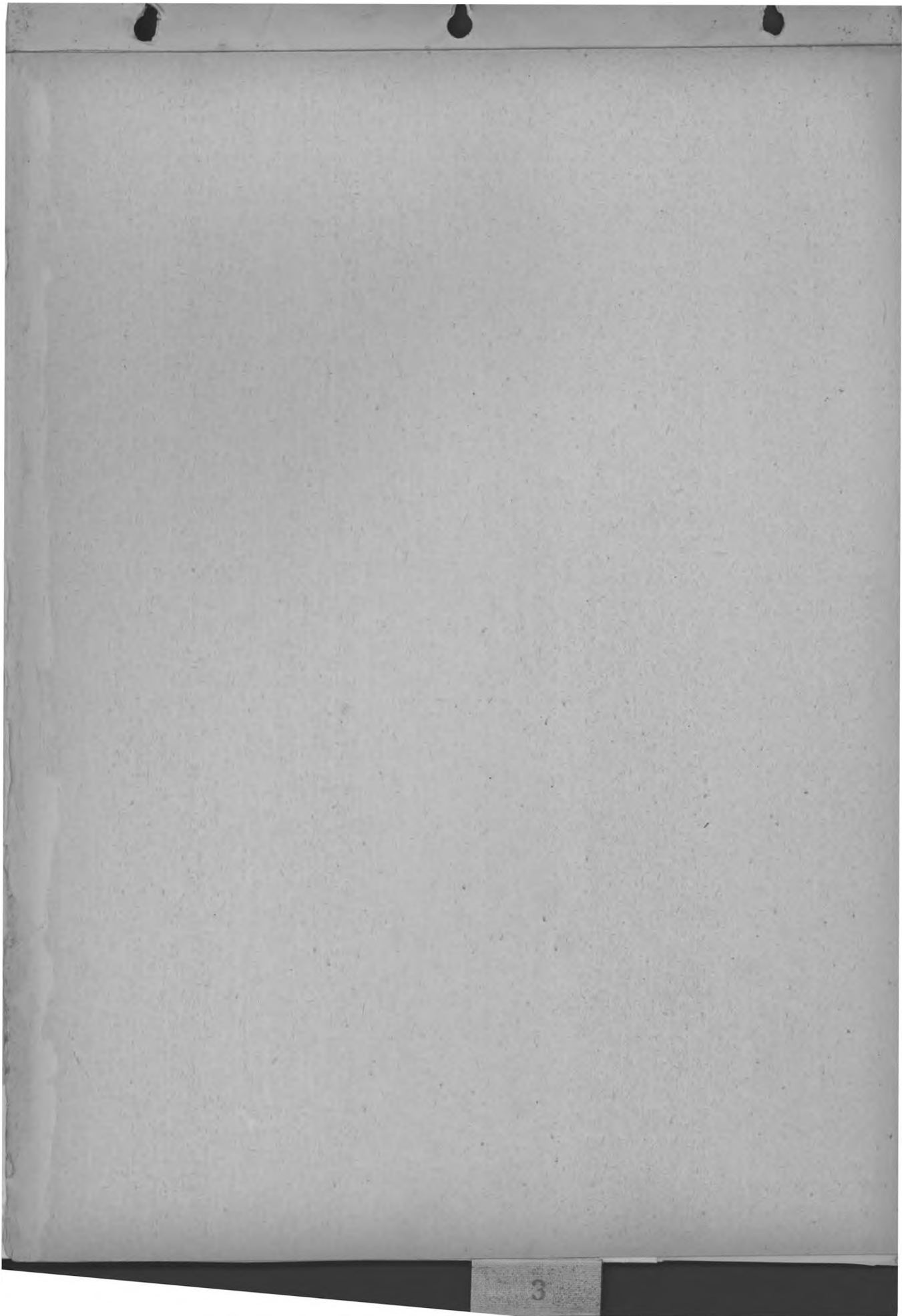
L. S.
of R. R.

Subscribed and sworn to before me this *19th* day of *March* A. D. 1904.

J. Stuart Bynum
Notary Public

Received and filed in the office of the Commissioner of Railroads, this _____ day of _____ 1904.

Commissioner of Railroads.



1903-D-30

DO NOT FOLD OR ROLL THIS BOOK

ANNUAL REPORT

OF THE

Munising

RAIL *way* COMPANY

TO THE

COMMISSIONER OF RAILROADS

FOR THE

STATE OF MICHIGAN



1903

LANSING
ROBERT SMITH PRINTING CO., STATE PRINTERS AND BINDERS
1903

30

ANNUAL REPORT

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ROBERT SMITH PRINTING CO., STATE PRINTERS AND BINDERS
1903

Important Circular—Please Read.

OFFICE OF THE COMMISSIONER OF RAILROADS, }
Lansing, Mich., January 1, 1904. }

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, 1903.

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.

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

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

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

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

Very truly yours,

THERON W. ATWOOD,

Commissioner of Railroads.

OFFICERS OF THE COMPANY, WITH LOCATION OF OFFICES.

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

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

NAME *H. A. St. John* TITLE *Auditor* ADDRESS *Marquette, Mich*