

7-22-1906

# The Commercial & Financial Chronicle

---

## RAILWAY AND INDUSTRIAL SECTION

PAGES 1 TO 184 INCLUSIVE.

---

### GENERAL INDEX.

	PAGE.
<b>EDITORIAL ARTICLES—</b>	
THE NEW YORK CENTRAL'S TERMINAL ELECTRIFICATION AT NEW YORK . . . . .	5
RAILROAD BUILDING IN CANADA . . . . .	7
STEAM RAILROADS . . . . .	9
INDUSTRIAL AND MISCELLANEOUS COMPANIES . . . . .	153
NEW YORK AND BROOKLYN BANKS . . . . .	180
NEW YORK AND BROOKLYN TRUST CO'S . . . . .	180
N. Y. AND BROOKLYN FIRE INSURANCE CO'S . . . . .	180
GAS COMPANIES, (See also "MISCELLANEOUS.") . . . . .	180
INDEX TO COMPANIES CONSOLIDATED . . . . .	182
RAILROAD EARNINGS MONTHLY . . . . .	181

☛ WE HAVE NO EXTRA COPIES OF THIS SECTION.

---

October 20, 1906.

---

WILLIAM B. DANA COMPANY, PUBLISHERS,  
PINE STREET, CORNER PEARL STREET, NEW YORK.

# JOHN H. DAVIS & CO.,

BANKERS

AND

DEALERS IN HIGH-CLASS INVESTMENT SECURITIES.

MEMBERS OF NEW YORK AND PHILADELPHIA STOCK EXCHANGES.

Buy and Sell Stocks on all exchanges ON COMMISSION ONLY, and carry Stocks and Bonds on margin.

10 WALL STREET, NEW YORK.

---

## BROWN BROTHERS & Co.,

PHILADELPHIA,  
4th and Chestnut Sts.

NEW YORK,  
59 WALL STREET.

BOSTON,  
50 State St.

AND

ALEX. BROWN & SONS, Baltimore and Calvert Sts., Baltimore.

ALL CONNECTED BY PRIVATE WIRE.

Members of the New York, Philadelphia, Boston and Baltimore Stock Exchanges.

Execute Orders on Commission for Purchase and Sale of Stocks, Bonds, and all Investment Securities. Bills of Exchange Bought and Sold. International Cheques. Certificates of Deposit.

Commercial Letters of Credit and Travelers' Letters of Credit issued, available in all parts of the World. Collections made on all points; Telegraphic Transfers of Money made between this Country and Europe. Deposit Accounts of American Banks, Bankers, Firms and Individuals received upon favorable terms.

Brown, Shipley & Co., Founders' Court, Lothbury, E. C., London.

---

## J. S. & R. D. FARLEE,

MEMBERS OF THE NEW YORK STOCK EXCHANGE

NO. 11 WALL STREET, - - - - NEW YORK.

Brokers and Dealers in Investment Bonds and Stocks.

STATE, MUNICIPAL, AND APPROVED

RAILROAD BONDS,

On hand for Immediate Delivery, suitable for Savings Banks, Trust Funds and other Conservative Investors. Correspondence Solicited.

---

H. CRUGER OAKLEY.

MAYNARD C. EYRE.

MILTON J. WHITELY.

WILLIAM A. JENNINGS.

JAMES WHITELY, SPECIAL

## PRINCE & WHITELY,

*Bankers and Brokers,*

NO. 52 BROADWAY, NEW YORK,

AND

15 CENTRE STREET, NEW HAVEN, CONN.

All classes of RAILWAY STOCKS, also Grain, Provisions, Petroleum and Cotton,  
Bought and Sold on Commission.

SPECIAL ATTENTION GIVEN TO INVESTMENTS.

1

United States Bonds,  
Railroad, Municipal  
AND OTHER  
Investment Securities.

---

HARVEY FISK & SONS,

NEW YORK, 62 Cedar Street.

BOSTON, 35 Congress Street.

PHILADELPHIA, represented by  
JAMES H. CHAPMAN,  
421 Chestnut Street.

HARTFORD, CONN., represented by  
HENRY L. WILKINSON,  
Conn. Mutual Life Building.

CHICAGO, ILL., represented by  
D. K. DRAKE,  
414 Continental Nat. Bank Bldg

---

OUR LIST OF INVESTMENT SECURITIES SENT ON APPLICATION.

---

WM. A. READ & CO.  
BANKERS

Members of the New York and Boston Stock Exchanges.

43 State Street,  
BOSTON

25 Nassau Street,  
NEW YORK

205 La Salle Street,  
CHICAGO

Maryland Telephone Building, BALTIMORE

---

INVESTMENT SECURITIES

---

Deposits received and interest allowed on balances, subject to draft at sight  
Commission orders executed in all the principal markets

---

HENRY W. SHOEMAKER.

WILLIAM BROCK SHOEMAKER.

WAR BATES, MEMBER NEW YORK STOCK EXCHANGE.

---

SHOEMAKER & BATES,

BANKERS,

MEMBERS NEW YORK STOCK EXCHANGE.

24 BROAD STREET, - NEW YORK.

Investment Securities.

# PLYMPTON, GARDINER & CO.

BANKERS,

MEMBERS NEW YORK STOCK EXCHANGE.

## INVESTMENT SECURITIES.

LIST OF BONDS AND GUARANTEED STOCKS SENT ON APPLICATION.

27 William Street, Corner Exchange Place,  
NEW YORK.

232 La Salle Street,  
CHICAGO.

# G. W. Walker & Co.

TELEPHONE  
No. 3945 BROAD

BANKERS

INTEREST ALLOWED  
ON DEPOSITS

25 BROAD STREET

NEW YORK

Bonds handled by us are subjected to the most careful scrutiny before offering them to our clients and we spare no effort in thoroughly investigating all details.

## BONDS

In addition to dealing in the recent issues of the Standard Railroad Systems, we have on hand bonds which have been outstanding for many years and which have successfully weathered all financial adversities.

# MIDDENDORF, WILLIAMS & Co.,

BANKERS & BROKERS.

Fayette & North Streets, BALTIMORE, MD.

## Investment Securities.

Southern Securities A Specialty.

# Guaranty Trust Company

OF NEW YORK,

**28 NASSAU STREET.**

**London Office: 33 Lombard St., E. C.**

DEPOSITORY FOR GOVERNMENT OF PHILIPPINE ISLANDS.

**Capital, \$2,000,000.**

**Surplus, \$5,500,000.**

Interest paid on check accounts and on certificates of deposit.

List of carefully selected securities offered for investment mailed upon application.

Acts as Registrar and Transfer Agent; as Trustee under Corporate Mortgages;  
and as Guardian, Executor and Administrator.

Travelers' Letters of Credit and International Checks, available in  
all parts of the world, and Commercial Letters of Credit Issued.  
Foreign Exchange Bought and Sold.

## OFFICERS.

JOHN W. CASTLES, President,

OSCAR L. GUBELMAN, Vice-President,

ALEX. J. HEMPHILL, Vice-President.

MAX MAY, Manager Foreign Department,

WM. C. EDWARDS, Treasurer.

E. C. HEBBARD, Secretary,

F. C. HARRIMAN, Assistant Treasurer.

R. C. NEWTON, Trust Officer.

## DIRECTORS.

WALTER G. OAKMAN, Chairman,

GEORGE F. BAKER,

AUGUSTUS D. JULLIARD,

GEORGE S. BOWDOIN,

LEVI P. MORTON,

JOHN W. CASTLES,

OSCAR G. MURRAY,

FREDERIC CROMWELL,

NORMAN B. REAM,

WALTER R. GILLETTE,

DANIEL G. REID,

E. H. HARRIMAN,

HENRY H. ROGERS,

G. G. HAVEN,

JAMES SPEYER,

EDWIN HAWLEY,

H. McK. TWOMBLY,

CHARLES R. HENDERSON,

FREDERICK W. VANDERBILT,

ADRIAN ISELIN JR.,

HARRY PAYNE WHITNEY.

JAMES N. JARVIE,

## LONDON COMMITTEE.

ARTHUR JOHN FRASER, Chairman,

DONALD C. HALDEMAN,

JAMES TYHURST.

RAILROAD, STREET RAILWAY, GAS  
AND ELECTRIC LIGHT & POWER CO.  
BONDS BOUGHT, SOLD AND APPRAISED

CORRESPONDENCE SOLICITED

---

N. W. HALSEY & CO.,

**BANKERS**

New York.

Philadelphia.

Chicago.

San Francisco

---

**N. W. HARRIS & CO.**

**BANKERS**

Pine Street corner William

**CHICAGO NEW YORK BOSTON**

Receive deposits subject to check  
and allow interest on balances.  
Act as fiscal agents for municipi-  
palities and corporations. Issue  
letters of credit and deal in

**BONDS FOR INVESTMENT**

LIST ON APPLICATION

---

FISK & ROBINSON

**BANKERS**

**Government Bonds and other Investment Securities**

MEMBERS NEW YORK STOCK EXCHANGE

35 CEDAR STREET

28 STATE STREET

NEW YORK

BOSTON

---

SIMON BORG & CO.,

*Bankers,*

20 NASSAU STREET, - - - NEW YORK.

MEMBERS OF NEW YORK STOCK EXCHANGE.

**Investment Securities.**

High-Grade Bonds and Guaranteed Stocks for Savings Banks, Institutions, Trust Estates  
and Individual Investors a Specialty.

LIST OF INVESTMENT OFFERINGS SENT ON APPLICATION.

# RAILWAY AND INDUSTRIAL SECTION

OF THE

## COMMERCIAL & FINANCIAL CHRONICLE.

Entered according to Act of Congress in the year 1906, by WILLIAM B. DANA COMPANY, in the office of Librarian of Congress, Washington, D. C.

Vol. 83.

NEW YORK, OCTOBER 20, 1906.

No. 2156

### RAILWAY AND INDUSTRIAL SECTION

The *Railway and Industrial* Section, issued quarterly on the last Saturday of January, April, July and October, is furnished *without extra charge* to every annual subscriber of the *Commercial and Financial Chronicle*.

The *State and City* Section, issued semi-annually on the last Saturday of May and November, is also furnished *without extra charge* to every subscriber of the *Chronicle*.

The *Street Railway* Section, issued three times a year, in February, June and October, is likewise furnished *without extra charge* to every *Chronicle* subscriber.

The *Bank and Quotation* Section, issued monthly, is also furnished *without extra charge* to every subscriber of the *Chronicle*.

Terms for the *Chronicle*, including the four Supplements above named, are Ten Dollars per annum within the United States and Thirteen Dollars (which includes postage) in Europe.

File covers of the *Chronicle* are sold at 50 cents each; postage on the same is 18 cents. File covers for Supplements can be had at same price.

CHICAGO OFFICE—Pliny Bartlett, 513 Monadnock Block.

LONDON OFFICE—Edwards & Smith, 1 Drapers' Gardens, E.C.

WILLIAM B. DANA COMPANY, Publishers,

Pine Street, corner of Pearl Street,

Post Office Box, 958.

New York.

### THE NEW YORK CENTRAL'S TERMINAL ELECTRIFICATION AT NEW YORK.

On May 7 1903 the Legislature of the State of New York passed an Act authorizing the New York Central & Hudson River Railroad to change the motive power in use on the southern portion of its lines from steam to electricity. Negotiations were at once opened with the City of New York, and on July 1 of the same year a contract was made between the railroad and the city under which the city added its authorization of the change to that of the Legislature, and the railroad company agreed that the work of installing electric motive power on certain of its lines within the city should be completed within five years, or by July 1 1908. These were the formal beginnings of one of the most noteworthy steps in the history of American railroading.

Previous to this time the success of electricity as a motive power on street railroads and on certain through passenger lines had been proven, but here was contemplated the application of electric power not only to a trunk-line steam railroad but to one of the most congested and difficult terminals in the country.

The two reasons why these two adjectives are particularly applicable to the Grand Central Station are, first, that the yard area immediately about the station is so small that very few cars besides express and mail cars, which must there be unloaded, can be stored near the terminal, and accordingly most of the trains must be hauled back over the same tracks to the passenger car yard at Mott Haven Junction with the same process in reverse order to be gone through for the outbound trip. Thus the movement of trains through the narrow spout of the funnel into which the

New York Central and the New York New Haven & Hartford pour their passenger traffic is doubled. In reality it is more than doubled, for the switch engines which haul the empty trains back and forth have to make a certain number of trips without loads at the times of the day when the bulk of the traffic is in one direction.

Counting such light movements there are within the twenty-four hours more than 1,100 train movements in and out of the Grand Central Station yard. This is an *average* of over 45 train movements an hour, or one in each direction oftener than every three minutes. As a large proportion of the travel is crowded into four hours of the twenty-four, it will be seen that at the time of the morning and evening rush of travel, the train movement is even more rapid than this. The second fact which makes this terminal a difficult one to operate is that everyone of these more than 1,100 train movements must be made through the two miles and a quarter of the Park Avenue tunnel, where, particularly in the winter, train operation is badly hampered by locomotive smoke, which collects in the two side tunnels especially and obscures or altogether hides the signals. There were thus unsatisfactory conditions which demanded a change, which were in themselves at the same time difficulties in the way of bringing it about.

Electricity as a motive power, if it could be successfully installed and operated, solved both difficulties. It did away with a large proportion of the switching and cleared the tunnel of smoke. It was decided to electrify the terminal lines and to carry out at the same time an extensive program of improvements necessary to bring the road up to the new efficiency which would be required.

Work was actually begun on August 17 1903 and since that time it has been steadily carried on. The improvement program included a new Grand Central Station to replace the present one, the consequent excavation and complete remodeling of the Grand Central Station yard, a new Bronx Station at 149th Street and four-tracking of the main line from Mott Haven as far north as Croton-on-the-Hudson; changes in addition to the work of electrification proper which included as its two largest items two turbine power-houses, one on the water-front at Port Morris on the East River, the other on the Hudson River just above Yonkers.

Most important of all these, from the standpoint of railroad science, were the plans for the actual electrifi-

cation of the road. After extensive investigation, the direct current multiple unit system of electric operation was determined upon, involving use of the third rail as the working conductor. Experimental work was carried on at Schenectady, N. Y., in conjunction with the General Electric Company, to determine the power and efficiency of a new electric locomotive developed to meet the needs of the road. The particular use to which the electric locomotive is to be put by the New York Central is to haul through passenger trains largely made up of heavy Pullman cars. Speed and power were therefore the two prime requisites in its design. The first experimental locomotive of this type was run on October 27 1904, and since that time on a five-mile track at Schenectady, built especially for this purpose, a long series of trials of the new motive power has been made during which one locomotive has been run more than 50,000 miles. The new machines weigh 200,000 lbs. (100 tons) and have a normal capacity of 2,200 horse-power each as against between 1,400 and 1,500 horse-power capacity of one of the New York Central's racing steam passenger locomotives of the same weight now used on the through trains. The electric locomotives have a maximum speed of from 40 to 80 miles an hour, depending on the weight of train hauled.

A particularly interesting feature of the trying-out process to which they have been subjected was that the experimental track was built close beside the main line of the New York Central at a point where some of the fastest running is regularly made. There was thus an opportunity for steam and electricity to compete side by side and many a race was run between the old and new motive powers. It was found that an electric locomotive coupled to a heavy train could start from rest on even terms (except for the other's flying start) with a steam locomotive and train in full career and not only overtake but pass its rival in the space of the five-mile course. This illustrates the power of quick acceleration, that is, of starting a train quickly, as well as the hauling power and speed of one of the new machines. The electric locomotives, as already mentioned, are to be used to haul the through trains. Local trains are to be driven by motor cars similar to those in use in the New York Subway, where their success has been amply attested without need of further experiment.

The territory to be electrified is known as the Electric Zone. There are in reality two zones, one included in the other. The Initial Electric Zone includes the territory in which regular electric operation is soon to be begun and the Entire Electric Zone, that over which it is desired to extend electric working, the extensions being at the moment held in abeyance by refusal of the Railroad Commission to give its approval, which involves payment by the State and by the local communities affected of the abolition of the necessary grade crossings.

The Initial Zone includes 17 miles of line, on which are 73 miles of main and 12 miles of yard track, a total of 85 miles of track. It extends from the terminal to Woodlawn, which is the point where the line of the New Haven road begins. This covers 13 of the 17 miles. The other four miles are from Mott Haven Junction, where the main line (Hudson Division) turns off from the Harlem line, to Kings Bridge, which is at present to be the northern limit of third-rail territory. Kings Bridge is now the northern terminus of the Broadway branch of the Subway. The Entire Zone will cover 52 miles of line, which contains 224 miles of main and 68 miles of yard track, a total track mileage of 292 miles. This includes in addition to the territory covered in the Initial Zone, the Harlem Division from Woodlawn to North White Plains, 12 miles, and the main line from Kings Bridge to South Croton, 23 miles, bringing the electric service to a point 24 miles out on the Harlem and 33 miles out on the Hudson Division. In addition there is a further proposed main line extension, for which plans are already well matured, from South Croton to Peekskill, which is 41 miles from New York. The part

of the work beyond the limits of the Initial Zone which will probably first be carried out is an extension of electric traction on the main line from Kings Bridge to Greystone, a mile and a half above Yonkers.

To meet present needs, a large engine terminal has been established at High Bridge, between Mott Haven and Kings Bridge. As soon as the initial electrification is complete, steam locomotives will not run south of High Bridge. The through trains will be turned over to electric locomotives at that point and the local trains made up of electric motor cars will run through the tunnel and into the station under their own control. Later on, when the electrification is extended to Yonkers, Croton and Peekskill, the local trains running to these three points will not have to be hauled by locomotives at all, but will run to their respective terminals entirely under electric power. The maximum speed of these electric suburban trains will be 52 miles an hour. The initial electric car equipment will be 125 passenger motor cars and six combined baggage and express motor cars, each with a capacity of 400 horse-power and 55 trailer cars. All these cars are built entirely of steel. The road now owns 35 electric locomotives.

The third rail to be used is what is known as the under-running type. That is, as in the Subway, the contact between the shoe on the car which takes the current and the rail is on the bottom instead of on the top of the rail. It is therefore possible to cover the most exposed parts of the charged rail—the top and sides—with an insulated coating topped by a wooden casing, making the rail much less dangerous than if unprotected. As it must be operated out of doors under all sorts of weather conditions, an arrangement of the third rail and its top covering has been obtained by which (as has been proved in actual experience) the under surface of the rail is protected even in the worst sleet storm when an under-running third rail of the Interborough type becomes badly coated with ice and sleet, making its operation difficult or impossible.

The electrification necessitates replacing most of the existing signal apparatus. The reason for this will be understood when it is remembered that the present signals depend for their efficiency on a weak electric current transmitted through the rails. As under the third-rail system the running rails are made part of the electric circuit which moves the train, it is clear that, normally, the signal current cannot use the running rails at the same time. This difficulty is overcome by using signals operated by alternating instead of by direct current track circuits. The alternating current for the signals then works through the rails entirely independently of the direct current for the train propulsion, which operates at the same time through the same rails. To make an inaccurate comparison, it is like telegraphing and telephoning at the same time over the same wire. This may well serve as an illustration of the skill with which difficulties have been overcome.

The new Grand Central Station at its lowest part will be 80 feet below the street grade. Including subways, tracks and streets, there will be four levels. There are to be direct connections at their level with the existing subway and with at least one projected subway which is to run north and south on Lexington Avenue. The station will contain 25 miles of tracks with a total capacity of 1,200 cars. There will be 41 platform tracks, as against 20 in the present station. Express and local trains will enter the station at different levels. To reach the lower level, suburban trains are to run down an incline at about Fifty-Second Street and enter the station on a loop running out at the other side. This, and their ability to run under their own power, will save more than half the switching movements now necessary. In order to take care of the regular traffic while the new station is being built, the old Grand Central Palace has already been converted into a temporary station and some of the local trains are to begin to use this within a short time.

One of the most important other developments of the terminal improvements is the plan for a great new Bronx Station at the junction of the main line with the Harlem Division at 149th Street. This is to have connection with at least two subway systems, so that passengers who do not wish to go as far south as Forty-Second Street can leave the train at this point and transfer to the subways. Construction of this station will undoubtedly mean the abandoning of the present station at 138th Street and the centralizing and building up of travel from the rapidly growing section of the city about 150th Street. Besides these two great buildings, there are to be four other new stations in the Initial Zone and 21 others in the Entire Zone.

There is space for only a brief summing up of the other general improvements which are being carried in along with the electrification. Betterments of the one made and to be made will result in a reduction of 345 degrees, or nearly a full circle, of curvature, and shortening of the main line by nearly a mile. Twenty-two miles of double track and 16 miles of three-track line are to be increased to four-track. The most important single improvement of the line has been the Marble Hill cut-off, now complete, by which a long, double-track curve near Kingsbridge, so sharp that the direction of the train was directly reversed in passing over it, has been done away with by a much shorter stretch of new four-track line cut out from the rocky hill along the north shore of the Harlem River Ship Canal. From Spuyten Duyvil north to South Croton the road runs for most of the way close to the shore of the Hudson, and here the three track right of way is being widened sufficiently for four tracks and at some points for as many as ten tracks. At Croton much property has been acquired and work already done in preparation for the extension of electric service to that point. These are only typical of the many improvements which are being steadily carried on. A concrete idea of the extent of the new construction work involved in the electrification and its accompanying improvements may be gained from the recent statement of the Vice-President in charge of construction before the New York State Railroad Commission, that the cost of the work would total \$70,000,000.

It was almost a month ago that the first electric train, carrying officials of the road and invited guests, was run into the Grand Central Station. It is the expectation of the management that regular electric service will be in operation some time in November, thus anticipating by nearly two years the time agreed upon with the city. The New York New Haven & Hartford, which is electrifying its line from Woodlawn to Stamford, can hardly have this in operation before the first of next year. As the New Haven road is to use, instead of the third rail and direct current, the alternating current system with an overhead trolley, the results of electric operation on the two roads should furnish a valuable comparison of the efficiency of the two systems of electric traction for main line operation. With even greater interest, however, will be watched the experiment so soon to be put in operation by the New York Central of using electricity in a badly congested terminal.

#### RAILROAD BUILDING IN CANADA.

It has come to be of late a common saying north of the boundary that this is Canada's year in railroad building. In spite of the era of competitive building upon which this country has entered, Canada, in proportion to her available territory, and still more in proportion to her existing mileage, shows a much more remarkable activity in railroad construction.

The most striking tendency of the growth of Canada's railroads, far more so than in the United States, is and has been that the roads are built on east-and-west rather than on north-and-south lines. The reasons for this are both natural and political. Extensions to the north have been limited by the climate; to the south by the imminence of the United States. If Canada had been made United States territory in

1776, it is a practical certainty that there would to-day be no railroad line running across the wilderness north of Lake Superior and no through ocean-to-ocean line across Canada. It is safe to go further with this assumption, and say that if the two countries had been under one flag the whole trend of railroad development in Canada would have been radically different. In the West, instead of roads running at right angles across the mountains of British Columbia, there would have been north and south lines running down the valleys into Washington, Idaho and Montana. The markets of Minneapolis, St. Paul and Duluth, instead of Winnipeg and Montreal, would have received the wheat of the Northwest. In the East the Canadian Pacific would never have been built through the Maine wilderness to a winter harbor in New Brunswick. The ports of Montreal and Quebec would be used as outlets through the open season, but with the closing of navigation on the St. Lawrence, traffic would be turned south to Portland, Boston and New York.

Even with Canada under British rule, there was, at the time the Canadian Pacific was being planned, a group of men in Canada who, rather than build the road across the six hundred miles of Lake Superior wilderness, from which no traffic return could be expected, favored making a point on the international boundary south of Winnipeg the eastern terminus of the road, its eastbound traffic to be there turned over to an American connection. But the thought of seeing the traffic of Western Canada carried out through alien territory and alien ports was too much for the patriotic Canadians, and the road was built all-Canadian from Atlantic to Pacific tidewater. From the standpoint of the Dominion the millions spent in bridging the gap between Old Canada and New were well invested. Due to natural causes, there is a wide difference between eastern and western Canada. The East is in no large sense an agricultural country. It depends for its prosperity on its river and its harbors and on control of the mercantile interests of the Dominion. It is by inheritance intensely Canadian. The West is primarily agricultural. The wheat crop is more important to it than all other considerations put together. In the West there have settled great numbers of American farmers who have moved across the line to the cheap and wondrously fertile acres of that wide territory. Without a railroad to bind the two together, especially with the West brought into close relation by north and south lines with the United States, it is hard to see how the Americanization of Western Canada, even now a possibility in the opinion of some, could have been prevented. At any rate, it would have been next to impossible to maintain any real unity between the two widely separated sections of the Dominion.

There are two principal railroad systems in Canada. It seems likely that before many years the two will be compelled to share this distinction with a third system. The two great systems are the Canadian Pacific and the Grand Trunk; the rapidly growing youngster is the Canadian Northern. With one exception, these three systems comprise the bulk of the Canadian mileage, the exception being the Intercolonial, owned by the Government and connecting the Maritime Provinces by the roundabout St. Lawrence River route with Quebec and Montreal.

The Canadian Pacific is a wonderful system, controlling as it does some 10,000 miles of railroad, including the through line from ocean to ocean, besides two railroads in the United States and its own steamship lines crossing the Atlantic and the Pacific. In the East it reaches St. John, N. B., and, over the Intercolonial, Halifax, N. S., Quebec, Montreal, Ottawa, Toronto and Windsor, Ontario, opposite Detroit. Winnipeg, Man., the great railroad centre of the West, is its central stronghold, and Vancouver, B. C., its Pacific terminus. Occupying the vast wheat country between Winnipeg and the Canadian Rockies is a widespread system of its feeders and connecting lines.

As yet possessing only about half as much mileage as its transcontinental rival, but with a firmer grip on

parts of eastern Canada, is the Grand Trunk, which, including the Central Vermont connection to Atlantic tidewater at New London, Conn., operates about 4,750 miles of line. Like the Canadian Pacific, it reaches both Montreal and Quebec. In winter, when these two ports are closed, its principal eastern terminus is Portland, Me. From Montreal it has a through line, most of it double track, via Toronto to Chicago. Another arm runs through Windsor and Detroit. By purchase of the Canada Atlantic a year ago, it secured a line from Montreal to Ottawa and to Parry Sound on Georgian Bay, the eastern terminus of steamship lines from Chicago and from Fort William, on the north shore of Lake Superior. Throughout the southwestern portion of Ontario its branches extend widely.

The bulk of the Canadian Northern lines is east and west of Winnipeg. It has a through line from Lake Superior on the east to Edmonton, Alberta, on the west, with a 364-mile branch from this western line to Prince Albert, Saskatchewan. In the rich wheat territory of southern Manitoba it has a number of branch line feeders. Allied with it in the east are several small roads, one connecting Montreal and Quebec; others in Nova Scotia. It now controls about 4,000 miles of line. The Canadian Northern is only ten years old and has been expanding with surprising rapidity.

Up to a short time ago it would have covered the field to say that these three systems included the bulk of new railroad construction in Canada. During the present year another and alien competitor has entered the field, in the person of Mr. J. J. Hill, who has announced that he will build some 1,500 miles of line in the West. There are thus four factors in the contest for new railroad mileage in the Dominion.

Most important and far reaching of the new projects is that summed up in the title Grand Trunk Pacific. Put briefly, it contemplates an entirely new line of railroad from Moncton, N. B., via Quebec, Winnipeg and Edmonton to Prince Rupert, B. C., about 3,600 miles. The 1,800 miles east of Winnipeg are to be built at the cost of the Dominion Government and leased to the company, while the western half of nearly 1,800 miles is to be built by the company with funds secured from the sale of bonds on which the Government and the Grand Trunk Company share in a guaranty. The Grand Trunk Company is to build independently the Lake Superior branch, which is to run from a point on the main line east of Winnipeg to Fort William. It is in connection with this Lake Superior branch that one of the most interesting questions, involving among other things national policy, arises. As control of the Grand Trunk Pacific will lie absolutely in the hands of the Grand Trunk, it would be natural for that company to use the new road in such a way as to increase traffic on its own lines. By means of the Fort William branch it could easily do this. As already mentioned, a line of Grand Trunk steamers now connects Fort William with Parry Sound, the Grand Trunk terminus on Georgian Bay. What more natural than to carry Western grain east from Winnipeg to Fort William, thence on Grand Trunk steamers and rail lines to the Atlantic coast, instead of sending it eastward over the new line in whose results the Government has an interest? Particularly is this likely because this Eastern (Government) end of the Grand Trunk Pacific is so far north that it will be exceedingly difficult to operate during the winter months. Except that it will carry out the national policy by opening up virgin territory for almost its whole extent, there seems to be no valid reason for building the Government's section of the new line. However, surveys between Winnipeg and Moncton are being carried on and some of the contracts for construction have already been let.

Much of the Grand Trunk Pacific proper west of Winnipeg is under contract, and it is expected that the 200-mile Lake Superior branch will be completed in 1908 and the Prairie Section (from Winnipeg to the base of the Rocky Mountains, 1,336 miles) in 1910. This will for the first time bring the Grand Trunk into

the great wheat territory of the Northwest. Completion of the whole Grand Trunk Pacific project will, of course, tremendously increase the power and influence of the Grand Trunk throughout Canada.

The Canadian Pacific, although with its present splendid complement of through lines and feeders it has no need to engage in any such extensive projects as the Grand Trunk, is by no means idle. The recent annual report shows 924 miles under construction, or as much track as from New York to Chicago. Most of the new mileage is either to extend and connect up the branches in the territory between Winnipeg and the Rocky Mountains or to compete more actively with the Grand Trunk in the East. A new connection from the main line to Prince Albert, Sask., and another through Saskatoon and Battleford, Sask., to Edmonton, Alberta, are typical of the first group; the Sudbury-Toronto line and a new and shorter connection from Montreal to Georgian Bay, of the second. The company is thus not only further fortifying itself against the aggressions of the Grand Trunk in the West but is attacking that system in its Eastern territory.

The Canadian Northern is busy extending its lines in the West at the rate of several hundred miles a year, and is building a new road in Ontario from Toronto to Parry Sound. Construction work is also being actively carried on in Quebec and in Nova Scotia. The plan is eventually to connect the different properties into a through line and extend it through the mountains to the Pacific Coast. Another interesting possibility of this system lies in a branch now building in the direction of Hudson Bay. This may be ultimately extended to that point and the long-talked-of experiment tried of shipping grain by a northern route to Liverpool.

The plans of Mr. Hill for new construction in Canada are by no means definitely known. According to his announcements he is to extend a Great Northern feeder in British Columbia west to Vancouver and east through the mountains to Winnipeg; this east-and-west line to be connected at a number of points by north and south laterals with the main line of the Great Northern in the United States. By the West, which knows the exactions of railroad monopoly and to which the cheap marketing of its grain is of supreme importance, the advent of Mr. Hill has been hailed with immense enthusiasm. Eastern Canada, however, takes quite a different view. Montreal and Quebec prophesy that every bushel of export grain shipped over the new Hill line will be lost by Canada to an American port. This is the most recent instance of the divergence of interests between the West and the East and the outcropping of that strong national spirit which has had so much influence on the railroad development of Canada. Whether this hostility to Mr. Hill in the East will have any effect on his plans will be interesting to observe.

There are other phases of railroad construction in Canada which have not been touched upon, among them the subsidy system, the proposal to prohibit by law the sole possession by one company of any one of the unoccupied Rocky Mountain passes, and the various new roads planned to develop latent resources, of which the Temiskaming & Northern Ontario, now being built by the Provincial Government of Ontario, completion of whose first section last year resulted in the opening of the now famous Cobalt silver district, is perhaps the best instance.

There are many such short lines projected, most of which, if not originally organized in the interest of one or the other of the larger companies, will undoubtedly sooner or later come under their control. Such independent projects, however, make up only a small proportion of the total mileage now under construction in the Dominion. The total amount of line now actually building is unofficially estimated at between 5,000 and 6,000 miles, of which about 1,250 miles is assigned to the Canadian Pacific, 1,500 miles to the Canadian Northern, 1,800 to the Grand Trunk Pacific and 1,000 miles to the Hill interests.

# RAILROAD COMPANIES.

FOR MISCELLANEOUS COMPANIES SEE PAGES 153 TO 178, INCLUSIVE.

**EXPLANATORY.**—This Supplement is expressly intended for use in connection with the investment news and official reports published from week to week in the "Chronicle." Frequent reference is therefore made to the volume and page of the "Chronicle" (as V. 74, p. 000) where fuller information may be found. Following also each statement is given a reference to the latest news item in the "Chronicle" respecting the company. As every such item contains a reference to the last preceding item, the reader can run back over the company's history at pleasure. Annual reports are in black-faced figures, and italics indicate a paragraph headed by the name of some other company.

**Dividends.**—The dividends tabulated in the text are those actually paid during the calendar years named, irrespective of when earned.

**Net earnings** are given after deducting operating expenses and usually taxes, but not interest, rentals or other fixed charges.

**Securities.**—These are described in table at head of page (except the stock, for lack of space, sometimes only in text below) as follows:

**Miles of Road.**—Opposite bonds, this means the miles of road owned covered by the mortgage.

**Size or Par Value.**—Shows (in dollars unless otherwise marked), the denominations or par value, "100, &c.," signifying \$100 and larger.

**Rate Per Cent.**—The interest and dividend rate, per annum, is here shown; g., gold; cur., currency; x, extra; s., stock or scrip.

**When Payable.**—J. & J. stands for January and July; F. & A., February and August; M. & S., March and September; A. & O., April and October; M. & N., May and November; J. & D., June and December; Q.-J., quarterly from January; Q.-F., quarterly from February; Q.-M., quarterly from March.

**Bonds, Principal When Due, Etc.**—This column shows the date when the bonds mature and the amount and date of the last dividend.

**Abbreviations** in table: M, for "mortgage"; gen. M, for "general mortgage"; con. M, or consol. M, for "consolidated mortgage"; inc. M, for "income mortgage"; g, for "gold"; c, or cur, for "currency"; guar. p. & i. for "guaranteed principal and interest"; cum, for "cumulative"; non-cum, for "non-cumulative"; conv, for "convertible into stock at holder's option"; pref, for "preferred"; s. f. for "sinking fund"; l. gr. for "land grant"; r, "fully registered (no coupons)"; c, "coupon"; c\*, "coupon but may be registered as to principal"; br, "branch"; end, "endorsed"; red., "redeemable"; d'rn or "drawn" subject to call when drawn by lot; p. m., "per mille"; as'd, "assumed"; x, payable without deduction for any tax.

**Mortgage Trustees and Stock Transfer Agents (TR Treasurer's Office)** are indicated thus:

## NEW YORK CITY—

B—Bowling Green Trust.  
Ba—Bankers' Trust.  
Ce—Central Trust.  
Col—Colonial Trust.  
Eq—Equitable Trust.  
F—Farmers' Loan & Trust.  
G—Guaranty Trust.  
K—Knickerbocker Trust.  
Ma—Manhattan Trust.  
Me—Mercantile Trust.  
Mo—Morton Trust.  
Mp—Metropolitan Trust.  
N—New York Trust.

## N. Y. CITY—(Concluded.)

S—Standard Trust.  
Ta—Trust Co. of America.  
Un—Union Trust.  
Us—United States Trust.  
Usm—U. S. Mort. & Trust Co.  
  
BALTIMORE—  
BBa—Balt. Tr. & Guaranty  
CoBa—Continental Trust.  
FBa—Fidelity & Deposit.  
MBa—Maryland Trust.  
MeBa—Mercantile Tr. & Dep.  
SBa—Safe Dep. & Trust Co.

## CHICAGO—

AC—Amer. Trust & Sav. Bk.  
EC—Equitable Trust.  
IC—Illinois Trust & Sav. Bk.  
MC—Merchants' Loan & Tr.  
NC—Northern Trust.  
RC—Royal Trust.  
UC—Union Trust.

## LOUISVILLE—

CL—Columbia Finance & Tr.  
FL—Fidelity Tr. & Safety V.  
LL—Louisville Trust.

## BOSTON—

AB—American Loan & Trust  
BB—Boston Safe Dep. & Tr.  
IB—International Tr.  
NB—New England Tr.  
OB—Old Colony Trust.  
SB—State Trust.

## ST LOUIS—

MSt—Mississippi Valley Tr.  
SSt—St. Louis Union Trust.  
  
SAN FRANCISCO—  
CS—California Safe Deposit & Trust.

## PHILADELPHIA—

FP—Fidelity Trust.  
GP—Guaranty Trust.  
GuP—Guaranty Tr. & S. Dep.  
PIP—Provident Loan & Tr.  
PP—Penn. Co. for Insur.  
WP—West End Tr. & S. D.

## PITTSBURGH—

CPi—Colonial Trust Co.  
FPI—Fidelity Title & Trust.  
PPI—Pittsburgh Trust.  
UPI—Union Trust.

Subscribers will confer a favor by giving immediate notice of any error discovered in these tables.

RAILROADS. For explanation of column headings, &c., see notes on first page of tables.	Miles of Road.	Date of Bonds.	Size, or Par Value.	Amount Outstanding	INTEREST OR DIVIDENDS.			Bonds—Principal, When Due. Stocks—Last Dividend.
					Rate %	When Payable.	Where Payable, and by Whom.	
Akron & Barberton Belt—1st M s f text g. Usm.c* & r	---	1902	\$1,000	\$1,065,000	4 g	J & D	U S Mort & Tr Co, N Y	June 1 1942
Alabama Great Southern—"B" shares	---	---	£50	£7,830,000	---	---	London	Dec 1891
Preferred "A" shares 6% \$4,000,000	---	---	£50	£3,380,350	6 in 1906	F & A	do	Aug 30 '06 3%
First mortgage (American Co.) gold \$1,750,000	---	1878	\$1,000	\$1,750,000	6 g	J & J	Farm L & Tr, N Y; & Bos	Jan 1 1908
General mortgage \$1,160,000	290	1888	£100	660,000	5 g	J & D	Glyn Mills & Co, London	Dec 1 1927
Debentures gold	---	1886	£100	670,000	6 g	F & A 15	do	Aug 15 1906
Car trust \$50,000 due semi-an gold N	---	1905	1,000	850,000	4 1/2 g	F & A	N Y, Blair & Co.	To Feb 1915
Do 74,000 due semi-an g (V 82 p 867)	---	1906	1,000	1,478,000	4 1/2 g	M & N	New York.	Nov '06-May '16
Alabama Midland—See Atlantic Coast Line RR.	---	---	---	---	---	---	---	---
Alabama New Ori Tex & Pac Junc—Deferred "B" sh	---	---	£10	£2,500,000	---	---	---	---
Preferred "A" shares 6% cumulative	---	---	£10	£1,500,000	---	---	---	---
"A" debent red after Nov 1 1910 at 115—See text	---	1890	£50 & c	£748,850	5 g	M & N	Glyn, Mills, C & Co, Lond.	Nov 1 1910-40
"B" debentures income redeem after 1910 at 115	---	1890	£20 & c	£1,048,390	5 g	M & N	do	Nov 1 1910-40
"C" debentures income subj to call any time at 100	---	1890	£20 & c	£810,653	5 g	A & O	See text.	Nov 1 1940
Alabama & Vicksburg—Stock \$1,050,000	143	---	100	\$1,050,000	7 in 1906	Yearly.	Central Trust Co, N Y	Aug 31 1906, 7%
Vicksburg & Meridian 1st M gold \$1,000,000 F.x.c*	143	1881	1,000	1,000,000	6 g	A & O	do	April 1 1921
Alabama & Vicksburg con 1st M \$1,800,000 g.Ce.c	143	1889	100 & c	588,800	5 g	A & O	do	April 1 1921
Second mortgage originally \$700,000 gold	143	1889	100 & c	592,500	5 g	A & O	do	April 1 1921
Alaska Central—1st mortgage \$30,000,000 gold	50	1905	1,000	3,500,000	5 g	A & O	Chicago and New York.	April 1 1935
Albany & Northern—1st M gold (\$50,000 are pref)	35	1896	1,000	400,000	5 g	J & J	Hambleton & Co, Balt.	Jan 1 1946
Albany & Susq—Stock dividends guar by D & H (end)	---	---	100	3,500,000	9	J & J	Del & Hudson Co, N Y.	July 2 1906 4 1/2
1st M \$10,000,000 g guar p & i conv text Usm.c* & r	142	1906	1,000 & c	10,000,000	3 1/2 g	A & O	do	April 1 1946
Albany & Vermont—Stock 3% guaranteed by rental	12	---	100	600,000	3	M & N	Troy, N Y.	May 15 1906 1 1/2
Allegheny & Western—Stock (\$3,500,000)	66	---	100	3,200,000	6 g	J & J	A Iselin & Co, N Y.	July 2 1906 3
1st M \$2,500,000 gold guaranteed p & i end	66	1898	1,000	2,000,000	4 g	A & O	do	Oct 1 1998
Allegheny Valley—1st M. guaranteed Penn RR	262	1869	\$ & £	9,998,000	7	A & O	Penn RR Co, Phil; & Lon	April 1 1910
Mortgage to State of Pa \$100,000 due Jan 1 yearly r	262	1869	100,000	300,000	5	J & J	Treasurer, Philadelphia.	Jan 1 1907 etc.
Gen M (\$20,000,000) gold guar p & i...FPI.xc* & r	262	1892	1,000	7,250,000	4 g	M & S	Penn RR Co, Philadel.	March 1 1942

**ADIRONDACK RY.**—In 1902 merged with the Delaware & Hudson.

**AKRON & BARBERTON BELT RR.**—Owns a belt line around Barberton, O., and also extends to Fairlawn and Akron, O.; total, 36.1 miles. A consolidation in May 1902; V. 74, p. 1088. Stock, \$100,000, owned equally by the Cleveland Akron & Columbus, Baltimore & Ohio, Erie RR, and the Vanderbilt Interests. Bonds authorized, \$1,500,000; issued, \$1,100,000, of which \$35,000 redeemed by sinking fund; \$400,000 reserved for future requirements. They may be drawn at 105 by lot yearly Dec. 1, beginning 1903, by a sinking fund of \$11 550 per annum. V. 75, p. 440.—(V. 76, p. 434; V. 78, p. 2598.)

**ALABAMA GREAT SOUTHERN RR.**—(See Map Southern Ry.)—Owns Wauhatchie, Tenn., to Meridian, Miss., 291 miles; leases Wauhatchie to Chattanooga, 5 miles, and Belt Ry. of Chattanooga, 45 miles; trackage to Bloekton, Ala., 8 miles, and Attalla to Gadsden, Ala., 6 miles; total operated, 354 miles.

**ORGANIZATION.**—Controlled by Southern Ry., but operated independently. V. 60, p. 26; V. 61, p. 375; V. 82, p. 159. Owns \$833,300 stock of Southwestern Construction Co. received in exchange for \$833,300 Cincinnati New Orleans & Texas Pacific stock. See V. 65, p. 1173.

The stockholders of the English company—the Alabama Great Southern Ry., Ltd.—voted Dec. 29 1905 to liquidate the company per plan V. 81, p. 1722; V. 82, p. 159, the shares of the American company, previously all held by the English corporation, being issued to an equivalent amount for the latter's stock, and the \$670,000 debentures of the American company being sold to refund the £134,000 debentures due Aug. 15 1906. The unfunded arrears of preference dividends were paid in Dec. 1905, and the funded arrears (£81,000) were exchanged for an equivalent amount of similar 4% obligations of the American Co. dated Feb. 1 1906, and payable by sinking fund 10% semi-annually till all are redeemed, Feb. 1 1911, and are unconditionally guaranteed by the Southern Ry. Car trust notes additional to those in table above June 30 1905, \$72,000.

**DIVIDEND—** '96. '97. '98. '99. '00. '01. '02. '03. '04. '05. 1906.  
"A" shares --- % 6 9 6 6 8 9 9 10 9 6 6  
"B" shares --- % 0 0 0 0 0 0 0 0 0 0 ---

**BONDS.**—General mortgage 6s, £484,000, will retire first 6s and debentures.

**LATEST EARNINGS.**—2 mos. (1906--Gross, \$667,018; net, \$140,784 July 1 to Aug. 31. 1905--Gross, 585,780; net, 104,290)

**ANNUAL REPORT.**—Report for 1904-05 in V. 81, p. 1431. In 1905-06, gross, \$3,774,620; net, \$712,756. In 1904-05, gross, \$3,308,300; net, \$601,325; other income, \$51,226; interest on bonds, \$286,542; income tax, &c., \$41,027; bal. for stock, \$324,984; div's (6%), \$185,437. In '03-04, \$3,099,446; net, \$624,925.—(V. 81, p. 1241, 1431, 1722; V. 82, p. 159, 508, 867.)

**ALABAMA NEW ORLEANS TEXAS & PACIFIC JUNCTION RAILWAYS CO. (LIMITED.)**—This is an English company controlling Alabama & Vicksburg, 143 miles; Vicksburg Shreveport & Pacific, 189 miles; New Orleans & North Eastern, 196 miles.

**SECURITIES OWNED.**—Alabama & Vicksburg, \$30,000 first mortgage, \$387,700 second mortgage, \$141,100 consolidated first mortgage and \$581,560 stock; Vicksburg Shreveport & Pacific, \$1,513,000 general mortgage, \$2,080,100 preferred and \$2,773,500 common stock; New Orleans & North Eastern, \$4,955,000 general mortgage, \$1,500,000 incomes and \$5,320,000 stock; Southwestern Construction Co., \$448,700 stock; Railroad Lanes Co., \$108,850 (of \$120,000) stock.

**COUPON PAID.**—For '94. '95. '96. '98. '99. '00. '01. '02. '03. '04. '05.  
"A" Debenture --- % 5 5 5 5 5 5 5 5 5 5 5  
"B" do --- % .875 1 2 1/2 2 1/2 4 1/2 --- 5% yearly ---  
"C" do --- % --- --- --- 1 1/2 --- 2 1/2 5 5 5 5

**EARNINGS.**—See separate statement for each of the controlled companies. In year ending Dec. 31 1905, net from investments was \$167,003 paid general expenses (£3,197), income tax (£8,745), interest on "A" debentures (£35,570), on "B" debentures 5% paid in Jan. 1906 (£49,798), on "C" debentures, 5% (£38,506) balance, including £57,715 from 1904 £38,900.—(V. 81, p. 1314.)

**ALABAMA & VICKSBURG RY.**—Owns Vicksburg to Meridian, Miss., and branch, 143 miles, all steel rails. Controlled by Alabama New Orleans Texas & Pacific Junction Co., which see. Reorganization of the Vicksburg & Meridian foreclosed Feb. 4 1889 (see V. 48, p. 190).

**DIVIDENDS.**—1890 to 1892, 3% yearly; 1896, 3%; 1897 to 1899, 5%; 1900 to 1902, 6% yearly; 1903, 9%; 1904 to 1906, 7% yearly. Stock dividend of 50% in 1900.

**BONDS.**—The new seconds were income till April 1 1894, and are a first lien on the lands—15,612 acres. Of the \$1,800,000 consols authorized, \$1,000,000 are with trustee to retire Vicksburg & Meridian firsts.

**EARNINGS.**—Fiscal year ends June 30. For 2 1/2 months ending Sept. 7 1906, gross, \$251,347, against \$202,920 in 1905. Report for 1904-05 in V. 81, p. 1607.

**Years—** Gross. Net. Interest, &c. Bal., sur. Dividend.  
1905-1906 --- \$1,380,247 \$302,218 \$159,774 \$142,444 (7) \$73,500  
1904-1905 --- 1,358,043 286,791 \*162,961 123,839 (7) 73,500

\*Includes \$65,497 for new freight cars in 1905-1906, against \$59,962 in 1904-1905.—V. 79, p. 2584; V. 81, p. 263, 1607; V. 83, p. 322.)

**ALASKA CENTRAL RY.**—(See Map.)—Building from Seward, on south coast of Alaska, north to near Fairbanks, on Tanana River, 450 miles. Of this, 46 miles from Seward north were in operation July 1 1906, and 60 miles additional under construction, contract having been let for first 185 miles. V. 82, p. 1495. Annual report at length was in V. 82, p. 756

Stock authorized, preferred, 5% non-cumulative, \$2,500,000; common, \$27,500,000; outstanding, preferred, \$1,000,000; common, \$1,750,000; par of shares, \$50. Stock is limited to \$35,000 per mile. Bonds (\$30,000,000 authorized) are issuable at \$35,000 per mile of main and \$25,000 of second track, with additional bonds for terminals, tunnels, bridges, etc. The Western Trust & Savings Bank, Chicago, is mortgage trustee. Of the bonds and stock, \$8,500,000 each are issuable on the first 185 miles. See V. 81, p. 1846; V. 82, p. 1495.

President, A. C. Frost, Chicago; Vice-President, H. C. Osborne, Toronto; Secretary, James A. Haight, Seattle; Treasurer, G. L. Francis, Toronto; General Manager, W. B. Poland, Seattle.

Trustees: Albert C. Frost, Chicago; Henry C. Osborne and Gwyn L. Francis, Toronto; George A. Ball, Muncie; George Turner, Spokane; Oscar G. Labaree, Spokane; John E. Ballaine and James A. Haight, Seattle; W. B. Poland, Seward. Executive offices, 108 La Salle Street, Chicago.—(V. 81, p. 1374, 1789, 1846; V. 82, p. 690, 748, 756, 1495.)

**ALBANY & NORTHERN RY.**—Albany Ga., to Cordele, 37 miles. A reorganization in 1895. Stock, \$350,000; par of shares, \$100. Of the bonds, \$50,000 have a prior lien. Frank S. Hambleton of Baltimore and Henry P. Talmadge of New York are mortgage trustees. See official statement, V. 76, p. 749. Year ending June 30 1905; gross, \$91,329; net, \$27,056, against \$20,117 in 1903-1904; charges, \$21,951; balance, surplus, \$5,105. President, T. Edward Hambleton; Secretary, N. H. Johnson; Treasurer, J. S. Crews. Office, Albany, Ga.—(V. 76, p. 652 749.)



Table with columns: RAILROADS, Miles of Road, Date of Bonds, Size, or Par Value, Amount Outstanding, INTEREST OR DIVIDENDS (Rate %, When Payable, Where Payable, and by Whom), Bonds—Principal, When Due, Stocks—Last Dividend.

ALBANY & SUSQUEHANNA RR.—(See Map Delaware & Hudson).—ROAD.—Owns Albany to Blinghamton, N. Y., 142 miles. Operated Cobleskill, N. Y., to Cherry Valley, 21 miles; of the stock \$450,000 owned Jan. 1 1906 by Delaware & Hudson; total operated, 163 miles. LEASED for 150 years from Feb. 1870 to Delaware & Hudson Company; rental is 9% per annum on stock. (See guaranty, V. 56, p. 774.) Stockholders' committee, V. 81, p. 1847.

BONDS.—The stockholders on April 7 1905 authorized \$10,000,000 of 40-year 3 1/2% bonds to refund the \$10,000,000 of 6s and 7s maturing April 1 1906, which were in June 1905 offered at par pro rata to the stockholders of the D. & H. The new bonds are dated April 1 1906, guar. p. & l., and until Apr. 1 1916 convertible into D. & H. stock—\$500 stock for \$1,000 bonds. V. 80, p. 1174, 1362, 2343. Form of guaranty, V. 82, p. 986.

ANNUAL REPORT.—Year ending Dec. 31 1905, gross, \$6,093,960; net, \$2,762,557. Earnings no longer kept separate.—(V. 82, p. 986.)

ALBANY & YERMONT RR.—Owns road from Albany to Waterford Jct., N. Y., 12 miles. Leased to Rensselaer & Saratoga in 1860 and now operated by Delaware & Hudson Co. Annual rental, \$20,000.

ALLEGHENY & WESTERN RY.—(See Map Buff. Roch. & Pttts.)—Punxsutawney to Butler, Pa., 60 miles; branch, New Castle, Pa., to Cement Works, 6 m.; total, 66 miles. An extension of Buffalo Rochester & Pittsburg, to which leased in perpetuity for guaranty of bonds and 6% on stock. Uses Balt. & Ohio from Butler to New Castle and Pittsburg under a trackage arrangement, making in all 147 miles. See application to list in full, V. 70, p. 849.—(V. 74, p. 774; V. 82, p. 508, 626, 691.)

ALLEGHENY VALLEY RY.—Owns from Pittsburg to Oil City, Pa., 133 miles; Red Bank, Pa., to Driftwood, 110 m.; others, 20 miles. Controlled by Pennsylvania RR. Co., which on Jan. 1 1906 owned \$9,664,150 of the \$10,544,200 common and \$11,876,654 of the \$17,173,600 of 3% cumulative preferred stock, and acquired most of remaining preferred. The stockholders of the Penn. RR. voted March 13 1906 to purchase the road, but merger not completed to July 1906. V. 81, p. 1847; V. 82, p. 159, 459.

BONDS.—General mortgage is guaranteed by Penn. RR. by endorsement on each bond. Real estate mortgages Jan. 1 1906, \$734,564. Report for 1904, V. 80, p. 1477. In 1905, gross, \$5,483,536; net, \$1,670,670; other income, \$47,558; int., taxes, &c., \$1,234,035; bal., sur., \$484,192.—(V. 81, p. 1492; 1549, 1663, 1847; V. 82, p. 159, 626, 691.)

ALLENTOWN RR.—Topton to Kutztown, Pa., 4 1/2 m.; Reading system.

ALLENTOWN TERMINAL RR.—Owns 3 1/2 miles of railroad in Allentown, Pa., connecting the East Penn. (Phila. & Reading) with the Cent. of N. J. Leased for 999 years to Phila. & Read. and Cent. of N. J. (by assignment from Lehigh Coal & Navigation Co.) at interest on bonds and 5% on \$450,000 stock (par \$50), bonds being guaranteed, principal and interest, by Philadelphia & Reading (foreclosed) and Lehigh Coal & Navigation.

ANN ARBOR RR.—(See Map Detroit Tol. & Ironton.)—Owns road from Toledo, O., to Frankfort, on Lake Michigan, 292 miles; operates car ferries between Frankfort, Mich., Keweenaw and Manitowoc, Wis., and Menominee and Manitowic, Mich. Wabash uses Toledo terminals.

ORGANIZATION.—Successor Nov. 1 1895 to Tol. Ann Arbor & Nor. Mich., foreclosed under Quilard-Lawrence plan in V. 59, p. 782. In March 1906 the Detroit Toledo & Ironton RR. (which see) had acquired \$3,102,400 pref. and \$2,190,000 common stock. V. 82, p. 508.

STOCK.—Common, \$3,250,000; preferred, \$4,000,000; 5% non-cumulative; par \$100. Pref. stock cert., "Supplement" Oct. 30 1897, p. 3.

BONDS cover entire property, including terminals and freight boats.

ANNUAL REPORT.—Report for 1904-05 was in V. 81, p. 1845, showing:

Table with columns: Year end, June 30—, 1905, 1904, 1903, 1902. Rows: Gross earnings, Operating expenses, Net earnings, Net income, Deduct—Interest, Taxes, Balance, surplus.

ARKANSAS MIDLAND RR.—Owns from Helena, Ark., to Clarendon, 47 miles. Capital stock, \$1,500,000 (par \$100). Dividends paid: In 1895-96, 1.348%; in 1896-97, .74%; in 1897-98, 1.92%; in 1898-99 (?); in 1899-00, 0.61%. In 1901 entire stock was acquired by Mo. Pac. (St. Louis Iron Mountain & So. Ry.). V. 74, p. 206, 574. Bonds, \$176,000 first gold 6s, due July 1 1911, subject to call at 110; Int. J. & J. Year 1904, gross, \$135,430; net, \$74,078; int. and taxes, \$16,503. Pres., George J. Gould.—V. 72, p. 935.

ASHEVILLE & SPARTANBURG RR.—See Southern Ry., Carolina Div.

ASHLAND COAL & IRON RY.—Ashland to Straight Creek Jct., Ky., 22 m. Ches. & Ohio has trackage over this road. The mining interests were in Jan. 1902 transferred to Ashland Iron & Mining Co., stock being reduced from \$1,547,000 to \$773,500. Bonds, see V. 71, p. 27. Year ending June 30 1906, gross, \$129,512; net, \$56,673; interest and taxes, \$24,056; improvements, \$1,317; dividends (4%), \$30,940; balance, surplus for year, \$361. Loans and bills payable June 30 1906, \$64,823. Dividends in 1895-96, 4%; in 1896-97, 4%; in 1897-98, 4%; in 1898-99, 4%; in 1899-1900, 4%; June 1900 to June 20 1902, 6% yearly (1 1/2% Q-M), and in June 1902 3% extra; Sept. 1902 none; Dec., 1%; since to Sept. 1906, 4% yearly (Q-M). Directors, Oct. 1903, V. 77, p. 1532. President, Robert Peebles; Sec. and Treas., Frank B. Moore.—(V. 77, p. 1532.)

ASTORIA & COLUMBIA RIVER RR.—Goble to Seaside, Ore., 79 m.; branch, Warrenton to New Astoria, 2 m.; trackage, Goble to Portland, 40 m.; total, 121 m. Stock outstanding, \$1,619,000; par, \$100. Bonds authorized, \$8,000,000 100 year gold 4s, due Aug. 7 1906, Interest F. & A., issuable at \$40,000 per mile; outstanding, \$3,280,000. Central Trust Co., trustee. In 1903 interest on bonds was paid; previous interest reported to be unpaid. Year ending June 30 1905, gross, \$494,538; net, \$211,097; other

inc., \$352; charges, \$165,767; bal., sur., \$45,682. Pres., A. B. Hammond, Astoria, Ore.—(V. 77, p. 2158.)

ATCHISON & EASTERN BRIDGE.—Owns railroad and wagon bridge at Atchison, Kan., connecting with the union station. Used by the Atch. Top. & Santa Fe, the Chic. R. I. & P., the Mo. Pac. and the Chic. Burl. & Quin. A reorganization of the Chic. & Atch. Bridge Co. foreclosed Mch. 4 1898, per plan V. 65, p. 366. Stock, \$700,000; par, \$100 per share. A sinking fund equal to the difference between the annual interest on the outstanding bonds and \$30,000 will retire bonds yearly at par and interest (by lot if not purchasable in the open market). The following official statement was furnished to the Inter-State Commerce Commission, but the company pronounces it improper for publication here, possibly because the wagon and miscellaneous receipts may not be included: Year ending June 30 1905, gross, \$106,591; net, \$84,128; other inc., \$8,211; int. and sink. fund, \$28,608; div., \$14,000; bal., sur., \$49,731. Pres. and Treas., H. P. Eells, Cleveland, O.—(V. 67, p. 578.)

(THE) ATCHISON TOPEKA & SANTA FE RY.—(See Map.)—The system operated July 1906 comprised 8,444.72 miles of railroad, and embraced an unbroken line of track from Chicago, Ill., via Kansas City, Mo., and Albuquerque, N. M., to the Pacific Ocean; also to Galveston, Tex., and the Gulf of Mexico.

For operating and statistical purposes the system is divided as follows:

Table with columns: Miles, Atchison T. & S. F., Rio Grande & El Paso, Miles, Gulf Colo. & S. F., South Kans. Ry. of Tex.

Total of all June 30 1906.....8,444.72

Also controls through ownership of securities various companies owning 1,093 miles, of which the Pecos Valley & N. Eastern, Santa Fe Prescott & Phoenix and Denver Enid & Gulf, aggregating 740 miles, are included in operations as system lines from July 1 1906. This is inclusive of 393 miles of new lines under construction substantially completed on last-named date. In 1900 acquired control of Gulf Beaumont & K. C. and Gulf Beaumont & Gt. Northern, which are leased. V. 76, p. 751; V. 77, p. 1224; also the Arizona & Utah, 22 miles. V. 82, p. 48. In Apr. 1906 the Texas & Gulf, Longview to Timpon, Tex., 60 miles, was acquired, and in Aug. 1906 the Arkansas Valley Ry., projected from Lamar to Rocky Ford, Col., 80 miles, of which 40 miles completed. V. 82, p. 99, 867; V. 83, p. 379, 562. Leases Cane Belt RR., 105 miles (entire stock owned), for 50 years from July 1905; also Jasper & Eastern, 40 miles, with 40 miles under construction.

ORGANIZATION.—This company was organized on Dec. 12 1895 under the general laws of Kansas by the purchasers at foreclosure sale of the property and franchises of the Atchison T. & Santa Fe RR. Co., in accordance with a reorganization plan. V. 60, p. 658.

The railway company in July 1906 owned in fee 8,401 miles of the system, and also all, or nearly all, the bonds and stocks of the various companies in which the title to the other lines is vested. V. 68, p. 974. A list of such holdings is in the general mortgage (in V. 62, p. 732, 733, and successive annual reports). See V. 69, p. 1300; V. 71, p. 27.

In Mch. 1903 the Eel River & Eureka, in Northern California, together with the California & Northern, 51 miles, was acquired in the interest of the company. V. 76, p. 653. The stockholders voted on Dec. 11 1902 to purchase the Santa Fe Pacific RR., &c., V. 75, p. 980.

San Francisco & San Joaquin Valley Ry. was merged in June 1901. Cut-off from Belen, N. M., to Texico, 250 miles, shortening the main line about 200 miles, was almost completed Sept. 1906. Road is projected from Wickenburg, Ariz., west to Bengal, of which 40 miles completed June 30 1905. Proposed cut-off from Brownwood, Tex., to Texico, 350 miles, with branch, 125 miles. V. 75, p. 28, 980; V. 81, p. 987, 1099, 1375.

In Nov. 1903 the San Francisco & Northwestern Ry., building from Alton, Humboldt County, Cal., southerly to a connection with the Atchison near Point Richmond, on San Francisco Bay, over 200 miles, was purchased. Phoenix & Eastern, see V. 77, p. 633, 1294, 2279. In Oct. 1905 the Southern California Ry. and the Jasper & Eastern, the latter (now leased), extending from Kirbyville, Tex., to Louisiana Timber district, of which 40 miles completed and 40 under construction, were purchased; also Oakdale Western Ry., 7 miles, leased. V. 81, p. 1375, 1790. V. 83, p. 322.

STOCK.—The preferred stock has preference as to assets and non-cumulative dividends not exceeding 5% per ann., as declared by the board of directors out of net profits. No other mortgage and no increase in the preferred stock can be made without the consent of a majority of all the preferred stock and of all the common stock represented at a meeting. The total authorized amount of preferred stock is \$131,486,000, of which \$10,800,000 is reserved to acquire other lines; also \$6,486,470 in special trust for improvements, extensions, &c. Pref. stock certificates in Supplement of April 1897, p. 3. Common stock aut'd, \$152,000,000. V. 79, p. 2695.

DIVIDENDS (%) 1899. 1900. 1901. 1902 to 1905. 1906. On common ..... 0 0 3 1/2 4 yearly (J&D) See below. On preferred ..... 2 1/2 4 5 5 yearly (F&A) 5%

In 1906, on common, June, 2%; Dec., 2 1/2%.

BONDS.—The Gen. Mort. (Abstract V. 62, p. 731-739, see also V. 68 p. 974) is to the Union Trust Co. of N. Y. as trustee, and gives a lien, either by direct mortgage or by collateral trust, on the entire system of 7,737 miles of railroad owned, together with all the equipment and terminals owned by the company, and future acquisitions.

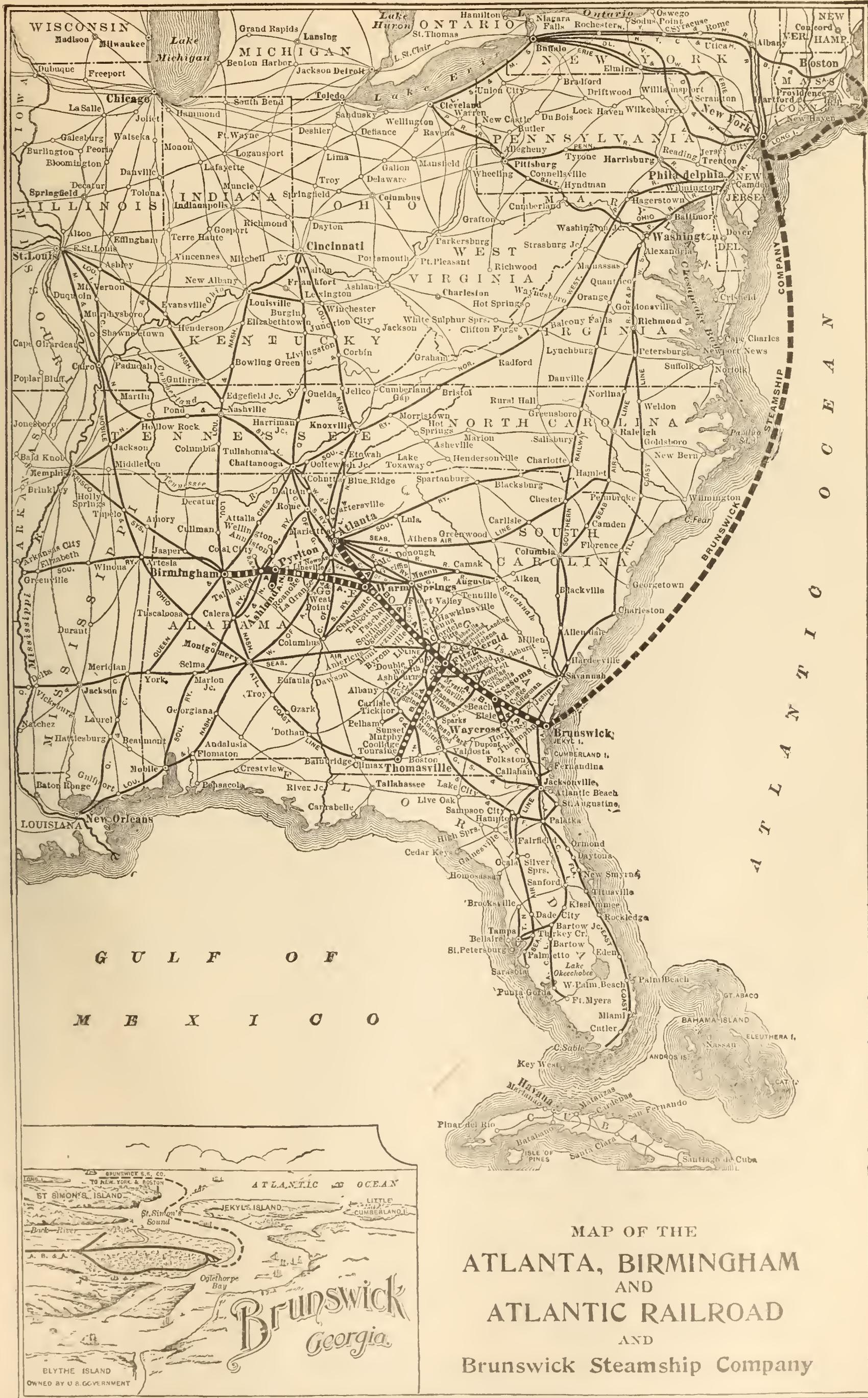
General mortgage 4s (limited to \$165,490,500.) —Reserved— a To retire guaranty fund notes paid and car trusts in 1895. In 1906, at not exceeding \$1,250 for each \$1,000 of old bonds \$15,500,000 \$2,339,383 b Non-assenting bonds from reorganization of 1889. 1,500,000 504,960 c Chicago & St. Louis 1st mortgage 6s ..... 1,500,000 1,500,000

For improvements, terminals, second track, equipment, &c., at not exceeding \$3,000,000 yearly, of which not over \$750,000 for extensions ..... 30,000,000 5,615,101 For acquisition of Atlantic & Pacific and other lines ..... 20,000,000 6,731,554

The Adjustment Mortgage (Abstract V. 62, p. 739) is to the Central Trust Co. as trustee. Interest is payable only out of net earnings up to 4% in each year, cumulative since July 1 1900. Present issue is limited to \$51,728,000, but when the \$30,000,000 general 4s authorized for improvements as above have been issued, \$20,000,000 additional adjustment 4s may be issued for



MAP OF THE  
**ATCHISON, TOPEKA**  
 AND  
**SANTA FE RAILWAY**  
 SYSTEM.



MAP OF THE  
**ATLANTA, BIRMINGHAM**  
 AND  
**ATLANTIC RAILROAD**  
 AND  
**Brunswick Steamship Company**

SPUNSWICK S.S. CO.  
 TO NEW YORK & BOSTON

ST. SIMON'S ISLAND  
 Jekyll's Island  
 Little Cumberland I.

St. Simon's Sound  
 Oglethorpe Bay

**Brunswick**  
*Georgia*

PLYTHE ISLAND  
 OWNED BY U. S. GOVERNMENT

Table with columns: RAILROADS, Miles of Road, Date of Bonds, Size, or Par Value, Amount Outstanding, INTEREST OR DIVIDENDS (Rate %, When Payable, Where Payable, and by Whom), Bonds—Principal, When Due, Stocks—Last Dividend.

the same purpose at not exceeding \$2,000,000 in any one year, but only by a majority vote of the adjustment bondholders. Interest—in Nov. 1897 paid 3%; since, full 4% yearly.

The Eastern Oklahoma division 4s of 1903 (\$10,000,000 authorized) will be issued for extensions; the present issue of \$6,128,000 is secured on lines completed in 1904, viz.: Paul's Valley to Newkirk, Ind. Ter., &c., a total of 306 miles. V. 76, p. 434; V. 79, p. 1331.

The \$30,000,000 debenture 4s of 1902 were issued to pay for new equipment, new mileage, permanent improvements, &c.; \$2,500,000 paid off yearly. No new mortgage on lines owned when the debentures were issued can be made without securing debentures thereunder. See statement, V. 74, p. 150, 204; also V. 75, p. 680. The debentures maturing, having been paid from cash in the treasury, are not included in the income account. V. 77, p. 2338.

As to convertible bonds of 1905, see General Finances below.

San Francisco & San Joaquin bonds may be drawn at 110 after 1915.

FINANCES.—Capital expenditures from organization to June 30 1905, V. 73, p. 1311; V. 77, p. 632; V. 79, p. 1340-1; V. 81, p. 985. Bonds per mile July 1 1906, \$28,355. In 1906 the dividend rate on the common stock was raised to 5%.

The 4s of 1905 (\$50,000,000 authorized issue) are convertible at par between June 1 1906 and June 1 1918, and may be called at 110 on any interest day, but when called may be converted into stock provided the time for conversion has not expired. No new mortgage on lines owned Jan. 1 1905 shall be made without securing the convertible bonds thereunder.

Stockholders in 1905 subscribed at par to \$32,420,000 bonds, and in April 1906 to \$17,291,000 of the remaining bonds, payable 25% April 12 1906 and balance on Oct. 12 1906, the proceeds to be used to complete lines under construction, build additional branches, feeders and second tracks, reduce grades on main line, purchase additional equipment and other capital requirements. V. 79, p. 2695; V. 80, p. 471, 649; V. 81, p. 1174; V. 82, p. 391, 867.

LATEST EARNINGS.—1906.—Gross, \$13,892,173; net, \$5,371,811 2 mos., July 1 to Aug. 31, 1905.—Gross, 12,025,700; net, 4,143,168. Deducting taxes and rentals, balance for interest in 2 months of 1906 was \$4,956,917, against \$3,765,924. Road operated, 9,188 average miles in 1906, against 9,126 miles in 1905.

REPORT.—Annual meeting third Thursday in October. Report for year 1905-06 was given in V. 83, p. 810, 832; see also page 788.

Table with columns: Years ending June 30—1906, 1905, 1904, 1903. Rows include Average miles operated, Freight earnings, Passenger, Mail, express, &c., Total earnings, Operating expenses, Net earnings, Total net income, Rent of tracks, &c., Taxes, Interest on bonds, Dividends on pref., 5%, Dividends on com., 4%, Miscellaneous, Imp'ts written off.

Balance, surplus, \$3,227,314 1905, \$1,955,436 1904, \$5,572,831 1903, \$4,111,422

OFFICERS.—Chairman of Executive Committee, Victor Morawetz; E. P. Ripley, President; D. L. Gallup, Comp.; H. W. Gardner, Asst. Treas. Directors.—Charles Steele, Edward J. Berwind, Geo. G. Haven, H. H. Rogers, H. Heman Duval, Thomas P. Fowler, Victor Morawetz, New York; John G. McCullough, Vermont; B. P. Cheney, Boston; Edward P. Ripley, Byron L. Smith, Chicago; Andrew C. Jones, Wichita; Howel Jones, Charles S. Glead, Topeka; H. C. Frick, Pittsburgh.

OFFICE.—5 Nassau St., N. Y.—(V. 83, p. 621, 810, 817, 832.)

ATLANTA & CHARLOTTE AIR LINE RY.—(See Map Southern Railway System.)—Owns Charlotte, N. C., to Atlanta, Ga., 269 miles.

The operating contract of 1881 accepted by the Southern Ry. requires the payment of interest on At. & C. debt and 5% on stock; if gross earnings exceed \$1,500,000, dividends to be 6%, and if they exceed \$2,500,000, 7%.

A modification of the agreement has been requested by the Southern Ry. and the consent of the Co. to the issue of a new first mortgage to secure \$15,000,000 of 50-year bonds bearing not exceeding 4% interest, to be dated Jan. 1 1907, of which \$5,500,000 to refund the outstanding bonds and \$9,500,000 to double-track the road. A majority of stock has been deposited with a committee, W. Emlen Roosevelt, Chairman (U. S. Mtge. & Trust Co., depository). V. 82, p. 1155, 1322.

DIVIDENDS, 1881 to '89, 1890, 1891 to Mch. '01 incl. Since Per cent— 5 yearly, 5 1/2 6 yearly (M. & S.) 7 yrly. (M. & S.)

LATEST EARNINGS.—1906.—Gross, \$1,329,773; net, \$331,779 4 mos., Mch. 1 to June 30, 1905.—Gross, \$1,244,229; net, \$275,322

EARNINGS.—For year ending Feb. 28 1906, gross, \$3,975,698, against \$3,593,773 in 1904-05. Pres., C. S. Fairchild, N. Y.—(V. 82, p. 1322.)

ATLANTA & ST. ANDREW'S BAY RY.—V. 83, p. 270.

ATLANTA KNOXVILLE & NORTHERN RY.—See Louisville & Nash.

ATLANTA TERMINAL CO.—Owns union passenger station opened May 14 1905, with approaches, used by Southern Ry., Central of Georgia Ry. and Atlanta & West Point RR. Stock, \$75,000, owned in equal proportions by the three companies named, which pay all charges and expenses on car basis. V. 76, p. 593, 1394; V. 77, p. 699.

ATLANTA & WEST POINT RR.—Atlanta, Ga., to West Point, Ga., 86 miles. Georgia RR., June 30 1903, owned \$547,200 stock and \$388,000 deb. cert. A belt line around Atlanta, 5 1/2 miles, is operated at rental of \$16,000 yearly, 4% on its cost. V. 71, p. 963; V. 73, p. 1354.

DIVIDENDS begun in 1855 were for many years 8% per annum. From July 1 1884 to July 1901 inclusive, 6% yearly, J. & J.; Oct. 1 1899, 25% extra (V. 69, p. 590); 1902 (?); 1903, 6%; 1904, 6%; 1905, 6%.

In 1904-05, gross, \$913,208; net, \$360,164; other income, \$10,367; charges, \$286,530; dividends, \$73,932; surplus, \$10,069. In 1903-04, gross, \$853,647; net, \$342,401.—(V. 69, p. 590; V. 71, p. 963.)

ATLANTA BIRMINGHAM & ATLANTIC RR.—(See Map.)—Waycross Ga., via Fitzgerald and Cordele to Talbotton, 184 m.; Fitzgerald via Tifton and Moultrie to Thomasville, 80 m.; Brunswick to Nicholls, 84 m., with branch 4 miles; Bushnell Station via Irwinville to the Allapaha River, 33 miles; total, 385 miles. Also acquired Sept. 1906 Talladega to Ashland Ala., 32 miles. V. 83, p. 817. History, V. 80, p. 115.

It is proposed to build an extension from Montezuma, Ga., to Birmingham, Ala., 241 m., with branch to Atlanta, 70 m. Of this Montezuma to Talbotton, 44 miles, was in operation in April 1906; 50 miles from Talbotton to La Grange is expected to be by Nov. 15 1906, and 100 miles additional west from La Grange by the end of 1906. Contract for Atlanta branch, 70 miles, was let in June 1906. Terminals at Atlanta and steamship connection at Brunswick have been arranged for. The Atlantic & Birmingham Ry. was merged in April 1906. See V. 82, p. 867. The Gate City Terminal Co., with \$500,000 authorized stock, will provide terminals at Atlanta, jointly, it is understood, with the Seaboard Air Line Ry. V. 82, p. 1210.

STOCK authorized, \$20,000 common and \$10,000 non-cum. preferred per mile; par of shares, \$100. Outstanding in the hands of the public July 1906 \$9,743,800 common and \$4,822,000 preferred. Additional amounts to be deposited under collateral trust notes, see below.

BONDS.—Of the 5s of 1906 (\$30,000,000 authorized issue), \$25,000 are issuable per mile of main line and branches, with \$10,000 additional for second track, an amount equal to the par value of prior liens being reserved to retire the same. Not exceeding 33 1-3% of this aggregate amount may be issued for equipment and not over 30% for terminals and shop facilities. Three years coupons were clipped from \$1,970,000 bonds issued to retire preferred stock of old co. In July 1906 \$6,000,000 bonds were outstanding in the hands of the public. Additional amounts will be deposited under collateral trust notes, which see below.

The collateral trust 5% notes (\$8,000,000) sold in May 1906 are a joint obligation of the railroad and the Atlantic & Birmingham Construction Co. and will provide for completion of the road and pay for steamships, equipment, coal and iron purchases, water terminals at Brunswick and shops. The notes will be secured by deposit of \$6,000,000 Atlanta Birmingham & Atlantic first mortgage bonds as earned and \$4,600,000 preferred and \$10,000,000 common stock (a majority of both classes) and \$1,206,000 equipment notes of the RR., entire stock (\$3,000,000) of Birmingham Coal Co., owning 5,000 acres of coal lands, and the Birmingham Iron Co., owning 30,000 acres of coal and 3,600 acres of iron ore (the latter subject to a \$2,000,000 mortgage), and the entire stock and bonds (\$1,000,000 each) of Brunswick S. S. Co. V. 82, p. 1267; V. 83, p. 35. Equipment obligations June 30 1905, \$450,286.

LATEST EARNINGS.—12 mos.—1905-06—Gross, \$1,133,924; net, \$304,184 July 1 to June 30, 1904-05—Gross, 1,007,463; net, 300,730

Report for year ending June 30 1905, in V. 81, p. 1311, showed on 337 miles, gross, \$1,001,512; net, \$321,084; other income, \$5,949; interest and discount, \$246,441; balance, surplus, \$80,592. President, H. M. Atkinson Atlanta, Ga.; Auditor, W. J. Swalm, Office, Atlanta, Ga.

Directors.—H. M. Atkinson, P. S. Arkwright, Morris Brandon, Geo. Dole Wadley, R. F. Maddox, Atlanta; Gordon Abbott, Boston; A. D. Russell Percy R. Pyne, New York; J. H. Handley, Birmingham; Ceil Brown Talladega; R. E. Cullhane, F. M. Lisk, W. H. Wright, W. B. Stovall, G. W. Brine and H. M. Milam.—(V. 82, p. 1267; V. 83, p. 35, 817.)

ATLANTIC CITY RR.—Camden to Atlantic City, 57 m. (double track) branches, Winslow Junction to Cape May, N. J., 54 m.; Williamstown, 23 m.; Gloucester, 12 m.; Sea Isle City, 12 m.; Ocean City, 10 m.; total, 168 miles. V. 72, p. 1278. STOCK, com., \$2,625,000; pref., \$1,000,000 (par, \$50). Reading Co. owns most of stock, and guarantees consol. 4s, principal and interest. Form of guaranty, V. 75, p. 1398. Of the latter, \$2,650,000 are reserved to retire prior lien bonds and \$786,000 for improvements. See V. 73, p. 81. There are also outstanding \$23,500 Seacoast RR. ser. A 5s and \$2,834 ser. B 5s. For 7 months ending Jan. 31 1906, gross, \$1,058,203; net, \$273,210; charges (incl. taxes), \$117,067; bal., sur., \$156,143. For year 1904-05, gross, \$1,451,930; net, \$214,177; fixed charges, incl. \$58,570 extraor. exp., \$265,256; bal., def., \$51,080.—(V. 82, p. 750.)

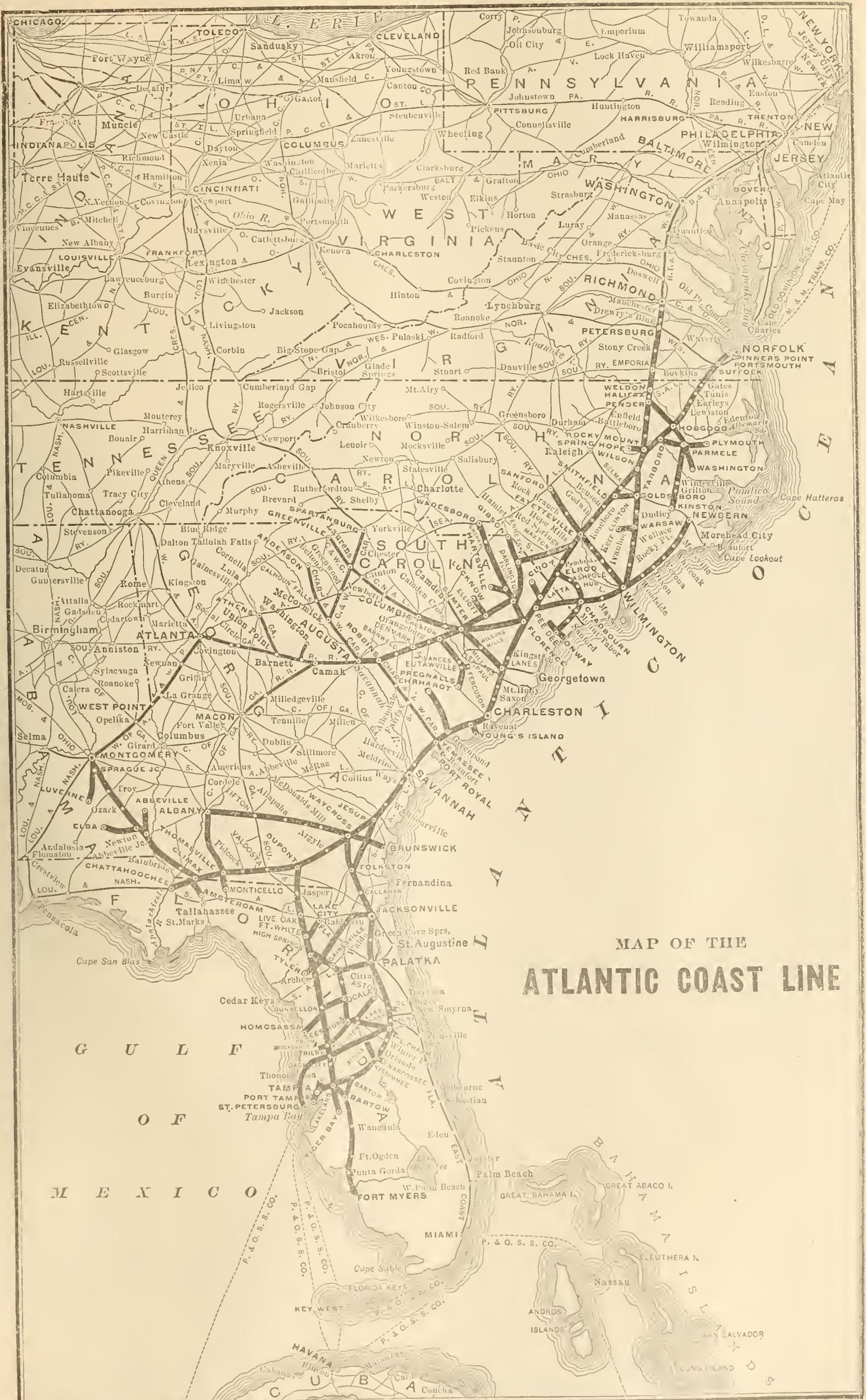
ATLANTIC COAST LINE CO.—(See Map.)—Organized May 29 1889 under the laws of Connecticut, and owns a majority of capital stock and a large amount of the bonds in a system of railroad companies described under the title of the Atlantic Coast Line RR below.

STOCK.—As to certificates of indebtedness, see editorial Oct. 1897, Supplement, p. 3. V. 65, p. 564; V. 71, p. 1310. In 1898 \$5,000,000 stock was distributed as a 100% dividend (V. 67, p. 954), and in 1900 \$10,000,000 4% certificates of indebtedness (including \$2,500,000 of Atlantic Coast Line RR. Co.), also a 100% dividend. V. 71, p. 697; V. 73, p. 493. In 1906 stockholders subscribed for \$2,100,000 stock at par, of which 50% paid May 10, balance Sept. 10, raising amount outstanding to \$12,600,000. As to securities pledged to secure equally the certificates of indebtedness, see V. 71, p. 1310; V. 83, p. 560.

CASH DIVS.— } '97, '98, '99, '00, '01, '02, '03, '04, 1905, 1906. Per cent. } 3 1/2 4 4 1/2 5 4 1/2 6 1/2 8 8 Below Inc. Sep 7 1/2 In 1905, Mch., 2%; June, 2%; Sept., 2 1/2%; Dec., 2 1/2%. Balance sheet June 30 1906, V. 83, p. 560. Chairman of Board, Henry Walters. Directors, Oct. 1906, V. 83, p. 890.—(V. 83, p. 890.)

ATLANTIC COAST LINE RR.—(See Map.)—Operates from Richmond and Norfolk, Va., on the north, to Fort Myers, Port Tampa and River Jet., Fla., on the south, and Montgomery, Ala., and Augusta, Ga., on the west, reaching the ports of Norfolk, Va.; Wilmington, N. C.; Charleston, S. C.; Savannah and Brunswick, Ga.; and Jacksonville and Port Tampa, Fla.

ORGANIZATION.—Originally the Atlantic Coast Line of Va. (change of name being authorized April 23 1900); April 18 1900 absorbed by consolidation (per plan V. 70, p. 840, 893) the following allied properties: Wilmington & Weldon RR., Atlantic Coast Line railroads of South Carolina and Virginia, Norfolk & Carolina RR., The Florida Southern and Sanford & St. Petersburg were merged in April 1903, the \$4,241,000 Fla. So. 4s and \$775,000 Sanford & St. Petersburg 4s being offered the privilege of exchange for



MAP OF THE ATLANTIC COAST LINE

RAILROADS. <i>For explanation of column headings, &amp;c., see notes on first page of tables.</i>	Miles of Road.	Date of Bonds.	Size, or Par Value.	Amount Outstanding	INTEREST OR DIVIDENDS.			Bonds—Princ-pal, When Due. Stocks—Last Dividend.
					Rate %	When Payable.	Where Payable, and by Whom.	
Augusta Southern—First consolidated M gold...Ce.xc	85	1894	\$1,000	\$400,000	5 g	J & D	J P Morgan & Co, N Y	Dec 1 1924
Augusta Union Station—1st M \$250,000 gold...SB	---	1903	1,000 &c	225,000	4 g	J & J	Safe Dep & Trust Co, Balt	July 1 1953
Avon Genesee & Mt Morris RR—Stock (see text)---	---	---	100	225,000	3 1/2	J & J	Erle RR, New York	July 1 1906 1 1/2
Bald Eagle Valley—Stock \$2,600,000	---	---	50	1,673,150	10	F & A	Broad St Station, Phila	Aug 1 1906 5
1st M originally \$400,000 (s f drawn at 100) ...FP.xr	94	1880	1,000	300,000	6 cur	J & J	Fidelity Trust Co, Phila	July 1 1910
Baltimore & Annapolis Short Line—Stock, common	---	---	100	358,000	8 ln 1906	J & J	Checks mailed.	Sept 1 1906 4 %
Baltimore Chesapeake & Atlantic—1st M gold...M.p.c.*	88	1894	1,000	1,250,000	5 g	M & S	Broad St Station, Phila	Sept 1 1934
Balt & Cumberland Val Ry—1st M, interest rental	3	1879	500	48,500	6	J & J	Farm & Mech Bank, Balt	July 1 1929
Balt & Cumberland Val RR—1st M interest rental	5	1879	100 &c	72,800	6	J & J	do do	July 1 1929
B & C VRR Exten—Stock guar (\$270,000 carries 7 %)	---	---	50	300,600	5 & 7	J & J	do do	July 1 1906
First mortgage interest rental	27	1881	1,000	230,000	6	J & J	do do	July 1 1931
Baltimore & Harriburg RR—M, gold...MeBa.c.*	32	1886	1,000	690,000	5 g	M & N	do do	Nov 1 1936
1st M West Ext (\$16,000 p m) gold guar...MeBa.c.*	15	1888	1,000	240,000	5 g	M & N	do do	May 1 1938
Baltimore & Ohio—Common stock \$152,750,000	---	---	100	152,604,100	See text.	M & S	Co.'s Office, 2 Wall St, NY	Sept 1 1906 2 1/2
Preferred stock 4 % non-cumulat'e auth \$60,000,000	---	---	100	60,000,000	4 ln 1905	M & S	do do	Sept 1 1906 2 %
Prior lien mortgage gold not subject to call...Me.c.* & r	1,076	1898	500 &c	72,820,000	3 1/2 g	J & J	do do	July 1 1925
do do registered	1,076	1898	500 &c	---	3 1/2 g	A Q—J	do do	July 1 1925
1st M gold redeemable at 105 after 1923...Us.c.* & r	1,657	1898	500 &c	71,000,000	4 g	A Q—O	do do	July 1 1948
do do registered	1,657	1898	500 &c	---	4 g	A Q—J	do do	July 1 1948
Southwestern Div 1st M \$45,000,000 gold...F.c.* & r	930	1899	500 &c	45,000,000	3 1/2 g	J Q—J	do do	July 1 1925
do do registered	930	1899	500 &c	---	3 1/2 g	M Q—J	do do	July 1 1925
Pitts Jct & Mid Div (\$20,000,000) 1st M g...Ce.c.* & r	384	1898	500 &c	26,175,480	3 1/2 g	M & N	do do	Nov 1 1925
do do registered	384	1898	500 &c	---	3 1/2 g	Q—F	do do	Nov 1 1925
P L E & W V Sys ref g red 100 after 1925...Un.c.* & r	1,642	1901	1,000	31,347,000	4 g	M & N	do do	Nov 1 1941
Conv debenture \$15,000,000 gold redeem, see text	---	1901	1,000	274,000	4 g	M & S	do do	March 1 1911
Bonds Underlying First Mortgage 3 1/2 %	---	---	---	---	---	---	---	---
Loan 1853 extended in 1885 gold	377	1853	500 &c	116,000	4 g	A & O	do do	Oct 1 1935
Pittsburgh & Con 1st M extended in 1896 ln gold	---	1868	1,000	64,000	4 g	J & J	do do	July 1 1946
Bonds Underlying Pittsburgh Junction & Middle	Divisi on 3 1/2 s	---	---	---	---	---	---	---
Cent Ohio \$2,500,000 con 1st M (1st loan) g...MeBa.c	144	1886	1,000	1,009,000	4 1/2 g	M & S	do do	Sept 1 1930
Sandusky Mans & Newark \$2,300,000 1st M...Un.c.*	116	1869	1,000	638,000	7	J & J	do do	Jan 1 1909
Pittsburgh Junction 1st M \$1,440,000 gold...Me.c.*	7	1882	1,000	299,000	6 g	J & J	do do	July 1 1922
Second mortgage \$300,000 gold...Me.c.*	7	1894	1,000	250,000	5 g	J & J	do do	July 1 1922
Pittsburgh Jct Ter 1st M \$500,000 gold gu p&l...Me	---	1887	---	219,000	5 g	A & O	do do	Oct 1 1907
a "Total Issued" shown in first left hand colu	mn, b	balance	being ow	ned by Bal	timore &	Ohio.		
z In addition \$7,635 050 are pledged as part coll	ateral	for the	Pittsb.	L. E. & W.	Va. Syst	em 4s.		

90 % in Atlantic Coast Line consol. 4s. V. 76, p. 918, 971. The Atlantic Coast Line Co. (of Conn.) owns a majority of the stock. See that company above V. 70, p. 893; V. 71, p. 1116, 1310; V. 83, p. 560.

Savannah Flor. & Western Ry. ("Plant System"), which owned and controlled 2,235 miles, was merged July 1 1902. V. 74, p. 774, 829. The Jacksonville & Southwestern, Milldale, near Jacksonville, Fla., to Anderson, 89 miles, was acquired in July 1904, and is being extended 80 miles. V. 79, p. 732, 2204. In Nov. 1904 the Macon Dublin & Savannah, Macon to Vidalia, Ga., was purchased by Atlantic Coast Line Interests. V. 79, p. 2084. The Conway Coast & Western, Conway, S. C., to Myrtle Beach, 15 miles, was acquired in Oct. 1905 and will be extended to Ayner Tract, 15 miles. V. 81, p. 1314.

In Oct. 1902 acquired \$30,600,000 of the \$60,000,000 Louisville & Nashville RR. stock for \$10,000,000 cash, \$35,000,000 in 4 % collat. tr. bonds and \$5,000,000 stock. V. 75, p. 733, 792, 905; V. 79, p. 785.

Lines owned and trackage.	Miles.	Lines owned—(Con.)	Miles.
Rhmond, Va., to Port Tampa, Fla.	906	Paola Jct. near Sanford to St. Petersburg, Fla.	145
Norfolk, Va., to South Rocky Mount	115	Palatka, Fla., to Brooksville	145
Contentnea to Wilmington	103	Milldale, Fla., to Anderson	89
Wilmington, N. C., to Pee Dee Junction	97	Branches, &c.	1,420
Florence, S. C., to Augusta, Ga.	168	Leased—	Miles.
Sumter to Columbia	43	Central RR. of S. Carolina—	40
Yadkin Jct. (Wilmington, N. C.) to Sanford	116	Lane to Sumter, S. C.	40
Waycross, Ga., to Folkston, Ga.	34	Other lines	40
Jesup, Ga., to Montgomery, Ala.	354	Total in earnings	4,333
Brunswick, Ga., to Albany	189	Closely allied lines—(see each co.)	---
Dupont Jct. to Fort Myers, Fla.	349	a Louisville & Nashville	6,356
		a Charleston & West Carolina	340
		a Northwest'n RR. of So. Car.	71

Also owns one-sixth interest in the Richmond-Washington Co. and one-half interest in Atlanta (Ga.) Belt Line Co., 5 1/2 miles. Leases, jointly with the Louisville & Nashville RR., the Georgia RR., which operates and controls 614 miles.

STOCK.—At. Coast Line of Va. class A (Rich. & Pet. cdfs.) tax-exempt stock was assumed as so much of the common stock of new company.

In Nov. 1902 \$5,000,000 common stock was given in part payment of controlling interest in the Louisville & Nashville stock, \$8,500,000 additional being subscribed for as part of the same transaction at \$125 per share. In Nov. 1904 \$7,330,000 common stock issued as a 20 % scrip dividend. V. 79, p. 2204; V. 75, p. 1252.

Stockholders voted Mch. 8]1906 to increase the total authorized stock to \$60,000,000; of the new stock (all common), \$4,557,660 was subscribed for by stockholders at par in May 1906, raising amount outstanding to \$48,537,660. V. 83, p. 490.

The preferred stock (\$18,850,000) was in 1902 mostly exchanged for 125 % in 4 % certificates of indebtedness. V. 75, p. 1252.

DIVIDENDS (%)	'00.	'01.	'02.	'03.	'04.	'05.	1906.
Common (incl. class "A")	2 1/2	3 1/2	5	5	5	5	6
Preferred (M. & N.)	2 1/2	5	5	5	5	5	5 May, 2 1/2

a Also 20 % in common stock scrip and 5 % in Atlantic Coast Line Co. 4 % certificates of indebtedness. V. 81, p. 1558.

BONDS.—First consol. 4s of 1902 (\$80,000,000 authorized, limited to \$20,000 per mile) are a first lien on about 957 miles of road and a blanket lien on the remaining 2,928 miles owned, subject to the underlying bonds. The first consols are issued or reserved as follows:

Issued for refunding, &c., V. 75, p. 76; V. 77, p. 1872; V. 78, p. 819; V. 81 p. 263	\$43,141,000
Reserved to take up underlying liens	28,674,550
Reserved for extensions, improvements and equipment	8,184,300

A mortgage for \$2,000,000 was authorized in Nov. 1904 to acquire the Jacksonville & Southwestern, Milldale, near Jacksonville, Fla., to Anderson, 89 miles, and to extend the road 80 miles. V. 81, p. 1559.

As to the \$35,000,000 collateral trust 4s of 1902, see "Organization" above. They are subject to call at 105 in amounts not less than \$100,000.

LATEST EARNINGS.—[1906]—Gross, \$3,747,957; net, \$644,610 2 mos., July 1 to Aug. 31, [1905]—Gross, 3,302,676; net, 806,149

For 11 mos. ending May 31 1906, gross, \$22,715,540; net, \$8,011,606; other income, \$2,393,357; int., taxes, &c., \$6,029,978; div. on pref. (5 %), \$79,830; div. on common (3 %), \$1,319,400; bal., sur., \$2,975,754, the semi-annual div. (3 %) on com. paid July 3 1906, calling for \$1,319,400. V. 83, p. 490.

REPORT for the year ending June 30 1905 was given at length in V. 81, p. 1546, 1558 (see also editorial, p. 1524).

	1904-05.	1903-04.	1902-03.
Gross receipts	\$22,222,902	\$20,544,975	\$19,682,456
Oper. expenses and taxes	14,189,767	12,827,093	12,612,337
Net receipts from traffic	\$8,033,135	\$7,717,882	\$7,070,119
Other income	593,749	585,154	387,952
Dividend on L. & N. stock	1,683,000	1,530,000	765,000
Total net receipts	\$10,309,884	\$9,833,036	\$8,223,071
Interest on bonded debt, &c.	2,783,427	2,469,015	2,174,448
Int. on certs. of indebtedness	856,744	857,538	1,055,595
Div. on com. stock (5 %)	2,015,750	1,832,500	1,620,000
Div. on pref. stock (5 %)	86,335	86,335	94,076

Balance surplus \$2,567,627 \$2,364,647 \$1,278,953

OFFICERS.—Chairman of Board, Henry Walters; President, T. M. Emerson; 1st Vice-Pres., Alexander Hamilton, 2d Vice Pres., C. S. Gadsden; 3d Vice-Pres., J. R. Kenly; Gen. Man., W. N. Royall; Sec., Herbert L. Borden; Treas., James F. Post.—(V. 82, p. 392, 567; V. 83, p. 490.)

ATLANTIC & DANVILLE RY.—(See Map Southern Ry.)—West Norfolk to Danville, Va., 203 miles, three branches, 22 miles; James River Jct. to Claremont (3-ft gauge), 50 miles; total, 275 miles. Leased to Southern Ry. from Sept. 1 1899 to July 1 1949 for taxes, repairs maintenance and cash rental sufficient to cover interest charges, with privilege of renewals for terms of 99 years. In addition the Southern Ry. agrees to pay the same

rate of dividends on common stock as paid on its own common stock. V. 71, p. 447; V. 79, p. 625.

STOCK.—Com., \$2,180,800. Pref. shares were canceled prior to July 1 1904. See V. 71, p. 181, 862; V. 73, p. 722, 956; V. 79, p. 625.

BONDS.—Of the \$4,425,000 4s of 1900, \$500,000 can be issued only for improvements upon request of Southern Ry., interest charges to be covered by increased rental. Of the \$1,525,000 second 4s, \$775,000 were issued July 1 1904 and \$750,000 balance will be on July 1 1909. V. 77, p. 195.—(V. 79, p. 785, 967.)

ATLANTIC & GULF SHORT LINE.—See V. 73, p. 615; V. 76, p. 1354.

ATLANTIC & LAKE SUPERIOR RY.—In July 1904 operated Metapedia Quebec to Paspheblac, 100 miles (Bale des Chaleurs Ry.); owned St. Gregoire to Nicolet, 7 m.; St. Francis to Yamaska, 6 m.; Yamaska to Sorel, 10 m.; Lachute to St. Andrews, 7 m.; total, 130 miles. Was under construction, Paspheblac Jct. to Port Daniel, 21 m.; Pierreville to Nicolet, 15 m.; St. Gregoire to Chaudiere Jct., 67 m.

The reorganization plan filed Dec. 1904 was given in V. 80, p. 161. On Apr. 17 1906 Gallndez Bros. obtained judgment for \$499,579, with interest; another action to recover \$336,054 for advances was pending Oct. 1906. V. 82, p. 1039.

During year 1903-04 road was operated by trustee for bondholders. Stock authorized, \$10,000,000; par, \$100; issued, \$2,602,500. Bonds outstanding as collateral, \$500,000 4s. For year ending June 30 1904, gross \$57,346; net, \$11,663. Pres., Hon. J. R. Thibaudeau; Sec., Edgar N. Armstrong, Montreal.—(V. 80, p. 161, 1970; V. 82, p. 1039.)

ATLANTIC & NORTH CAROLINA RR.—Morehead City to Goldsboro, N. C., 95 m. State of N. C. owns \$1,266,500 of \$1,797,200 stock. Leased from Sept. 1 1904 to Jan. 1 1996 to Atl. & N. Carolina Co. for interest on bonds, taxes, &c., and dividends at 3 % yearly for 20 years, increasing 1/2 % yearly every ten years until 5 % is reached; thereafter 6 %; lessee also agrees to expend \$250,000 by Sept. 2 1907 for improvements and equip. V. 79, p. 967. In April 1906 arrangements were made to transfer the lease to the Norfolk & Southern. V. 82, p. 927.

DIVIDENDS.—'93. '94. '95. '96. '97. '98. '99. 1900-04. Under lease

EARNINGS.—For year ending June 30 1905, gross, \$317,616; net, \$117,173; other income, \$4,800; int., taxes, &c., \$85,960; dividends, \$44,930; bal. sur., \$1,013. President Frank S. Gannon.—(V. 82, p. 927.)

ATLANTIC QUEBEC & WESTERN RY.—V. 81, p. 612; V. 83, p. 93 154.

ATLANTIC VALDOSTA & WESTERN RY.—See Georgia So. & Fla. RR.

AUGUSTA & SAVANNAH RR.—Millen to Augusta, Ga., 53 miles. In 1895 re-leased to Cen. of Ga. for 101 yrs. at 5 % on stock.—(V. 61, p. 239.)

AUGUSTA SOUTHERN RR.—Owns from Augusta to Sandersville, Ga., 80 m., and Sandersville & Tennille RR., 4 m. The Southern Ry. in Jan. 1901 acquired about four-fifths of the stock. V. 73, p. 343. Com. stock, \$400,000; pref., \$350,000; par, \$100. Year ending June 30 1905, gross, \$151,584; def. under oper., \$2,172; total deductions, \$31,179; bal., def. \$33,351.—(V. 80, p. 2219, 2456.)

AUGUSTA UNION STATION CO.—Owns union passenger station at Augusta, Ga., used by all roads entering the city, the latter under their operating contract providing for interest on the bonds and 4 % dividends on stock. Stock, \$75,000 (5 % paid in), held equally by Southern Ry., Atlantic Coast Line RR. and Georgia RR. V. 78, p. 2333; V. 79, p. 500. President Thos. K. Scott; Sec. and Treas., Carlton Hillyer; Augusta, Ga.—(V. 79, p. 500; V. 82, p. 48.)

AUSTIN & NORTHWESTERN RR.—See Houston & Texas Central Ry

AVON GENESEO & MT MORRIS RR.—Mt. Morris to Avon, N. Y., 18 m. Leased to Erle RR. Feb. 28 1898 in perpetuity at 2 1/2 % on stock for 4 years from Jan. 1 1896, 3 % for 1 year more and 3 1/2 % thereafter.—(See V. 63, p. 512; V. 62, p. 318, 589.)

BALD EAGLE VALLEY RR.—Owns from Vall Station, Pa., to Lock-haven, Pa., 51 m.; branches to Sugar Camp, &c., 43 m. Leased to Penn. RR. Co. for 99 years from Dec. 7 1864. Rental, 40 % of gross earnings. Cash dividends of 10 % yearly (F. & A.) are paid; on May 1 1906 a 9 % stock dividend will be paid. V. 82, p. 867.

Rental 1905, \$487,494; other inc., \$34,074; int., taxes, &c., \$41,464; div. (10 %), \$140,625; bal., sur., \$330,479. Rental in 1904, \$371,504. Penn. RR. Jan. 1 1906 owned \$706,250 stock.—(V. 66, p. 708; V. 82, p. 867.)

BALTIMORE & ANNAPOLIS SHORT LINE RR.—Owns road from Cliffords to Annapolis, Md., 22 m. Stockholders voted Aug. 6 to make a mortgage to secure not exceeding \$1,000,000 bonds to provide for electrification of road and consolidating with the Maryland Electric Ry. V. 83, p. 154. Common stock issued, \$358,000; there is also \$500,000 of preferred stock authorized, but none issued.

DIVIDENDS.—'98. '99. '00. '01. '02. '03. '04. '05. 1906.

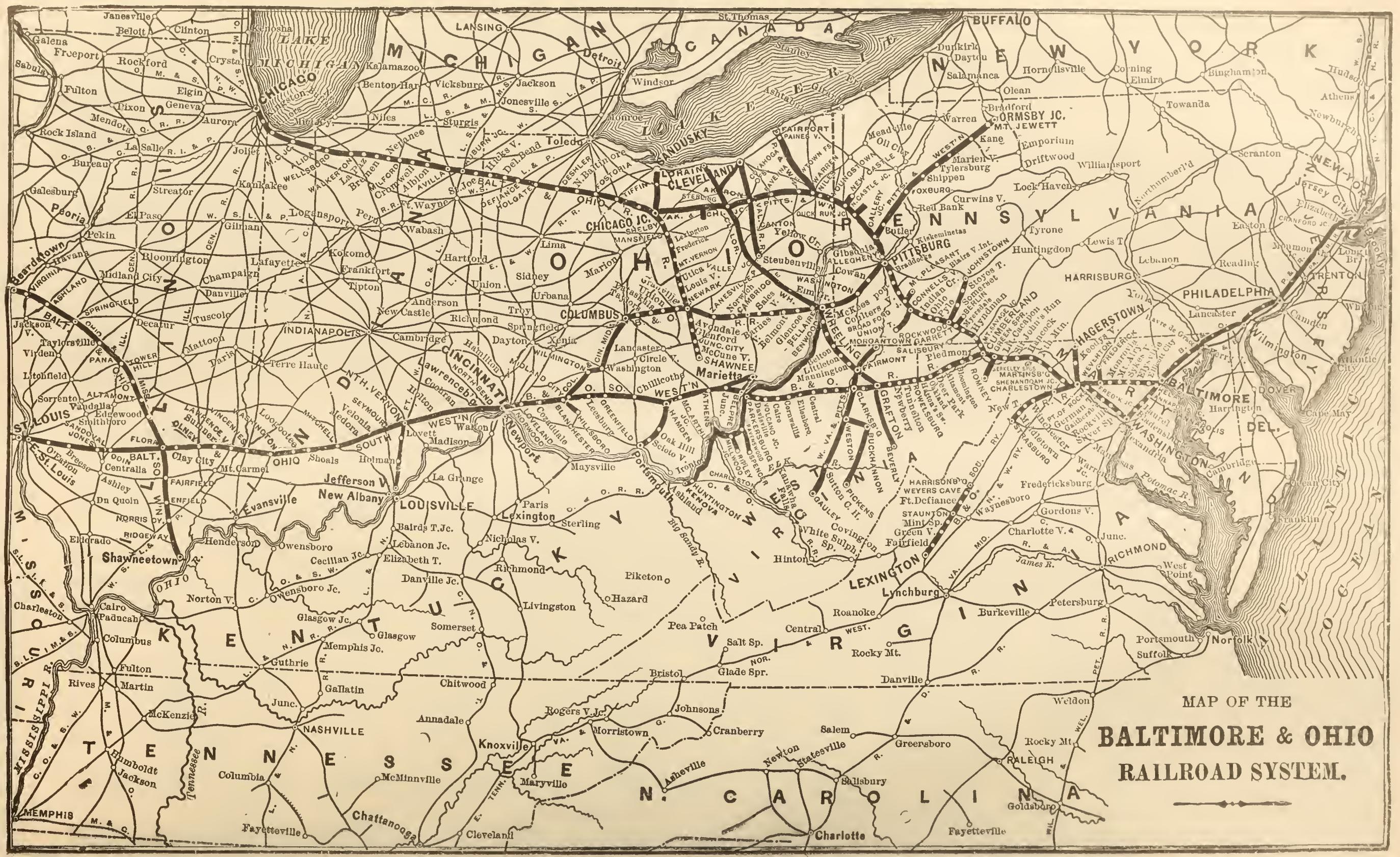
Per cent. } 6 5 6 6 7 1/2 7 7 1/2 8 8  
Year 1904-05, gross, \$165,400; net, \$60,341; taxes, \$6,381; div., 8 %, \$28,640; surplus, \$25,320.—(V. 76, p. 809; V. 83, p. 154, 212.)

BALTIMORE CHESAPEAKE & ATLANTIC RY.—Owns Claborne to Ocean City, Md., 87 m.; branch, 1 m.; total, 88 m.; from Claborne to Baltimore, 44 m. transfer is made by water; steamer lines owned, 1,131 m.; total mileage owned and operated, 1,210 m. Controlled by Penn. RR. and allied lines. V. 69, p. 541, 590; V. 59, p. 371. Pref. stock, \$1,500,000 5 % cum.; common, \$1,000,000. Div. on pref., 2 %, Mch. 1 1905; Mch 15 1906, 3 %.

The stockholders voted on Jan. 26 1905 to acquire a majority of the stock of the Maryland Delaware & Virginia Ry., extending from Queenstown, Md., to Lewes, Del., with branches, a total of 77 m., and guarantee \$2,000,000 of its first mort. bonds. See that Co., V. 80, p. 116, 1058.

Fiscal year now ends Dec. 31. Report for year ending Dec. 31 1905 in V. 82, p. 1319, showed, gross, \$866,864; net, \$172,276; other inc., \$15,640; int. and taxes, \$65,652; extraordinary exp., \$3,192; div. on pref. stock (2 %) \$30,000; net income, \$89,072.—(V. 82, p. 1319.)

BALTIMORE & CUMBERLAND (RR. AND RY.)—The Railroad extends from State Line, Md., to Waynesboro, Pa., 4.55 m.; stock \$76,700, in 350 shares. The Railway extends from Edgement, Md., to State Line, Pa., 3 m.; stock, \$42,500, in 100 shares. Both are leased to Western Maryland RR. for 50 years from July 1 1879, with privilege of renewal or purchase; rental, interest on



MAP OF THE  
**BALTIMORE & OHIO**  
 RAILROAD SYSTEM.

RAILROADS. For explanation of column headings, &c., see notes on first page of tables.	Miles of Road.	Date of Bonds.	Size, or Par Value.	Amount Outstanding	INTEREST OR DIVIDENDS.			Bonds—Principal, When Due. Stocks—Last Dividend.
					Rate %	When Payable.	Where Payable, and by Whom.	
<b>Baltimore &amp; Ohio (Concluded)—</b>								
<i>Bonds Underlying Pittsburgh Lake Erie &amp; West</i>	<i>Virginia</i>	<i>4s</i>						
Clev Lor & Wheel cons M (now 1st) gold... Usm.c*	192	1893	\$1,000	\$5,000,000	5 g	A & O	Co.'s Office, 2 Wall St, N.Y.	Oct 1 1933
General mortgage \$1,000,000 gold red 105... N.c	192	1896	1,000	890,000	5 g	J & D	do do	June 1 1936
Con ref M \$10,000,000 gold red at 102 1/2... Col.c	102	1900	1,000	950,000	4 1/2 g	J & J	do do	Jan 1 1930
Cleveland Term & Valley 1st M gold guar... Me.c*&r	88	1895	1,000	3,302,000	4 g	M & N	do do	Nov 1 1995
Monongahela Rly RR 1st M gold guar & O... Ce.c*	30	1889	1,000	700,000	5 g	F & A	do do	Feb 1 1919
Ohio & Little Kan Ry 1st M \$250,000 red 105 gold	72	1900	1,000	228,000	5 g	M & S	do do	March 1 1950
Ohio River first mortgage (\$2,000,000) gold... FP.c*	172	1886	1,000	2,000,000	5 g	J & D	do do	June 1 1936
General mortgage (\$3,000,000) gold 1st on 39 mc*	209	1887	1,000	2,941,000	5 g	A & O	do do	April 1 1937
Rav Sp & Gl 1st M \$400,000 g guar p & l FP.c*	33	1890	1,000	376,000	6 g	F & A	do do	Aug 1 1920
Huntington & Blg S 1st M (\$400,000) gold guar*	11	1892	1,000	303,000	6 g	J & J	do do	July 1 1922
Ripley & Mill Creek 1st M g guar p & l endorsed*&r	13	1888	1,000	50,000	6 g	F & A	do do	Aug 1 1908
Pittsburgh Clev & Tol 1st M g... ..	77	1882	1,000	441,000	6 g	A & O	do do	Oct 1 1922
Pittsburgh Newcastle & L E 1st M extended in gold	30	1878	100 & c	82,100	4 g	J & D	First Nat Bk, Allegheny	June 1 1917
Pittsburgh & Western 1st cons M \$10,000,000 g... c*	215	1887	1,000	765,000	4 g	J & J	J P Morgan & Co, N Y	July 1 1917
Ellwood Short Line first mortgage g \$300,000... G	3	1890	1,000	300,000	5 g	F & A	New York City.	Jan 1 1920
W Va & P 1st M gold 5s scaled; red at par... MeBa.c*	176	1890	1,000	4,000,000	4 g	A & O	Co.'s Office, 2 Wall St, N.Y.	April 1 1990
<i>Leased Lines, Etc., Securities</i>								
Balt & New York RR 1st M gold guar... MeBa.c&r	5 1/2	1889	1,000	2350,000	5 g	M & N	do do	May 1 1939
Mon River Coal M \$1,500,000 gold s f redeem at par		1895	1,000	803,000	5 g	J & D	Amer Bonding & Tr, Balt	Dec 1 1945
Schuylkill River E S RR 1st M gold guar p & l end	12	1903	1,000	5,000,000	4 g	J & D	do do	June 1 1925
Staten Isl Rapid Tran 1st M \$1,000,000 g \$ or £. Use*	11	1883	1,000	21,000,000	6 g	A & O	Foot Whitehall St, N Y	Jan 1 1913
New mortgage \$5,000,000		1905		See text.				
Staten Island Ry 1st M \$1,000,000 gold... Me.c*	13	1893	1,000	511,000	4 1/2 g	J & D	New York City.	June 1 1943
<i>Baltimore &amp; Ohio Equipment Obligations—</i>								
Real estate and car trusts June 1905				1,316,517				
<b>Baltimore &amp; Potomac—See Phila Ball &amp; Washington</b>								
<b>Bangor &amp; Aroostook—Stock, see text</b>			100	1,550,000	4 in 1906	J & J		July 5 1906 2%
First mortgage (\$16,000 per mile) gold... G.c*	211	1893	1,000	3,360,000	5 g	J & J	Guar Trust Co, New York	Jan 1 1943
Second mortgage gold... Usm	211	1895	1,000	117,000	5 g	J & J	do do	July 1 1945
First mortgage Piscataquis Div \$1,500,000 g... G.c*	77	1899	1,000	1,500,000	5 g	A & O	do do	Jan 1 1943
V Bur Extension 1st mortgage \$500,000 gold... G.c*	33	1899	1,000	500,000	5 g	A & O	New York Guar Trust Co	Jan 1 1943
Aroostook Northern 1st M \$225,000 gold... G.c*	15 1/2	1897	1,000	225,000	5 g	A & O	do do	Oct 1 1947
Consol refunding mortgage \$20,000,000 gold... OB.c*	412	1901	1,000	6,001,000	4 g	J & J	Brown Bros, NY; & Bost.	July 1 1951
Aroostook County bonds (assumed)		'92-'95		728,000	4 1/2	Various.		Sep 12-July 15
x Largely owned by or for Baltimore & Ohio								

**BALTIMORE & CUMBERLAND VALLEY EXTENSION RR.**—Waynesboro to Shippensburg, Pa., 26.52 m. Leased to Western Maryland RR. for 50 years from July 1 1881, with privilege of renewal for interest on bonds and dividend on stock, amounting in all to \$38,730. See table above and V. 75, p. 665.—(V. 75, p. 665.)

**BALTIMORE & HARRISBURG RR.**—Emory Grove, Md., to Orrtanna, Pa., 59 m., with branches 7 m., total, 66 m. Leases Balt. & Harrisburg Ry., Western extension, Orrtanna to Highfield, 15 m., guaranteeing interest on its bonds. Leased to Western Maryland RR. for 50 years from Oct. 25 1886; rental, interest on bonds and 5% on preferred stock (all paid M. & N.). Stock, common, \$690,000; pref., \$29,100.—(V. 44, p. 812.)

**BALTIMORE & OHIO RR.**—(See Map.)—ROAD.—Operates from Baltimore to Philadelphia and Baltimore to Chicago, Cincinnati and St. Louis, the total mileage leased, owned and operated being, in July 1905, 4,026 miles. The "Royal Blue Line" (see Central RR. of N. J.) gives the road access to New York.

The system embraces, subject to mortgages, the following lines:

<i>Pr. lien 3 1/2 % M.—(1,076 m.) Miles</i>	Pittsburgh & Western	a21
Balt. to Wheeling, Belpr. O., &c. 721	Pittsb. Cleveland & Toledo	77
Cumb. to Pittsb. & W., &c. 355	Pittsb. Painesv. & Fairport	53
1st M. 4%.—(581 miles)	Eastern Ohio	17
Balt. to Phila. and branches	Trumbull & Mahoning	11
Chicago, Ill., to Akron, O.	Monongahela River RR.	30
Branches to Fairmont, W. Va., &c. 66	Clev. Terminal & Valley	92
<i>South W. Div. 3 1/2 % M.—</i>	Cleve. Lorain & Wheeling Ry	
Belpr. O., via Cincln. to St. L., &c. 930	Wheeling to Cleveland, &c.	a195
<i>Pitts. Jet. 3 1/2 % M.—(384 miles)</i>	Ohio River RR. Lines—	
Bellare to Midland City, O.	Benwood to Wheeling, &c.	a265
Shawnee to Sandusky, O.	West Virginia Short Line RR.	58
Pittsburgh Junction RR.	Ohio & Little Kanawha RR.	74
<i>P. L. E. &amp; W. V. Sys. 4 % M.—(x1,642 m.)</i>		
West Virginia & Pittsburgh	Total of all (adding Baltimore Belt and other lines)	4,481

x Includes 384 m., also covered by Pitts. Jet. 1st M. a See this company.

**HISTORY.**—Receivers were appointed in Feb. 1896, but on July 1 1899 the road proper was returned to the company, the reorganization plan (in V. 66, p. 1235) having been consummated without foreclosure and the road vastly improved in physical condition. The B. & O. Southwest. was reorganized, per plan in V. 67, p. 688, the consol. mortgage of 1893 having been foreclosed. In 1900 new securities were issued under the plan of reorganization of the Cent. Ohio and other leased lines. V. 67, p. 688, 1109; 1206, 1356. In May 1906 the company's holdings of Consolidation Coal stock were sold. V. 82, p. 1939.

**READING CO., &c.**—In 1901 \$68,565,000 (virtual control) of the \$140,000,000 Reading Co. stock, consisting of \$12,130,000 first pref., \$28,530,000 second pref. and \$27,905,000 com., was acquired, the Lake Shore & Michigan Southern Ry. Co. (Vanderbilt system) taking about one-half. In 1904 the B. & O. and L. S. & M. S. each sold \$3,950,000 of the common. V. 76, p. 101; V. 80, p. 1856. In 1903 a one-sixth interest in \$6,924,200 of the \$11,000,000 Hocking Valley Ry. com. stock was acquired. V. 77, p. 1225; V. 79, p. 2746; V. 83, p. 37.

**PENNSYLVANIA RR. INTEREST.**—The Pennsylvania RR. Co. purchased a large interest in 1900-01 and on Jan. 1 1906 owned directly \$21,480,000 pref. and \$30,293,300 com. stock; also through the Northern Central and Phila. B. & W. (each owning one-half)—\$2,000,000 pref. and \$1,563,000 com. stock, and through the Pennsylvania Co. \$5,000,000 pref. and \$11,044,600 com. stock. V. 70, p. 76; V. 74, p. 528; V. 78, p. 1276. In Sept. 1906 the Penn. RR. sold about \$40,000,000 of the B. & O. stock held (approximately half) the Union Pacific interests. It was understood, negotiating for the purchase of the same. V. 83, p. 562, 686.

**STOCK.**—Authorized issues: Common, \$152,750,000, see "General Finances" below; pref. 4% non-cumulative, \$60,000,000; outstanding, see table above and "General Finances." Pref. stock divs. are limited to 4%. (See V. 71, p. 1166, and editorial, p. 1143; V. 72, p. 1186.)

**DIVIDENDS.**

	'00.	'01.	'02.	'03.	'04.	1905.	1906.
Common	2	4	4	4	4	Below.	Below.
Preferred	4	4	4	4	4	4	4

In 1905, on common, Mch., 2%; Sept., 2 1/2%; In 1906, Mch., 2 1/2%; Sept., 3%. V. 82, p. 1436.

**BONDS.**—(1) *Prior Lien 3 1/2 %*, a first lien on main line and branches, Parkersburg branch and Pittsburgh division, about 1,076 miles of first track and 1,325 miles of second, third and fourth tracks and sidings, and also all the equipment now owned of the value of upwards of \$20,000,000, or hereafter acquired. Total authorized, \$75,000,000, of which \$5,000,000 to be issued only after Jan. 1 1902 (at not exceeding \$1,000,000 a year) for the enlargement, betterment or extension of the properties covered. See application to list, V. 69, p. 30; V. 78, p. 1906.

(2) *First Mortgage 4 % Gold Bonds, Due July 1 1948*, but subject to call, in whole or in part, after July 1 1923, at 105; a first lien on the Philadelphia, Chicago and Akron divisions and branches and the Fairmont Morgantown & Pittsburgh RR., covering about 581 miles of first track and about 573 miles of second, third and fourth tracks, and sidings; also on the B. & O. Terminal property and the Baltimore Belt RR. They are also a lien, subject to prior lien mortgage, upon main line, &c. See application to list, V. 69, p. 30; V. 79, p. 211.

Total authorized (incl. \$49,975,000 issued at reorganization)	\$165,000,000
Of which reserved to retire prior lien bonds in 1925	75,000,000
Issued and issuable for betterment or extension of the properties covered by mortgages (1) and (2), or for extensions, additions or equipment; at not exceeding \$1,500,000 a year for the first four years and at not exceeding \$1,000,000 a year thereafter, originally	27,000,000
(3) <i>Southwestern Division 1st Mortgage 3 1/2 %</i> per cents. Virtually a first lien upon the properties constituting the B. & O. Southwestern RR. system, or the securities representing the same, covering about 930 miles of first track and about 401 miles of second track and sidings. Total issue	\$45,000,000
Of which issuable only at the rate of not exceeding \$1,000,000 per year for the enlargement, betterment or extension of properties covered, originally	5,000,000

(4) *B. & O. Pitts. Jet. & Mld. Div. 3 1/2 %* per cents. Expected to be ultimately a first lien upon the railroads of the Cent. Ohio system and Pitts. Jet. RR. Co., 385 miles in all. Total authorized issue in no case to exceed

Of which to be issued only at the rate of not exceeding \$1,000,000 per year for the first two years and thereafter at the rate of not exceeding \$500,000 per year, for the enlargement, betterment or extension of the properties covered by the mortgage	5,000,000
Of which in partial exchange for old bonds	10,569,000
Sold to a syndicate for cash requirements	4,000,000
Of this issue \$6,175,480 is in hands of the public and \$7,635,050 pledged as part collateral for Pitts. Lake Erie & West Va. System 4s.	

Note.—The underlying bonds still outstanding in July 1905 are in table at top of page. The underlying stocks still in the hands of the public aggregated \$5,027 par value.

(5) *Pittsburgh Lake Erie & West Virginia System* mortgage refunding 4% gold bonds (authorized amount \$75,000,000) are a lien on 1,642 miles consisting of the Ohio River, Cleve. Lorain & Wheeling, Pittsburgh & Western, &c., forming a direct connection with Pittsburgh, Cleveland, Fairport, Lorain and Sandusky, subject to underlying bonds outstanding thereon (see table above). In Sept. 1905 \$29,060,950 additional underlying bonds, including \$7,635,050 Pittsburgh Junction & Middle Division 3 1/2s, were held in trust as part security. Of the total issue of bonds, \$32,785,000 are reserved to retire underlying bonds and the remaining \$10,868,000 are issuable for additions and improvements. See full statement, V. 74, p. 266; V. 79, p. 2793; V. 80, p. 1423.

(6) The 4% debentures of 1901 are convertible at the option of the holder into common stock at par on 30 days' notice (see V. 73, p. 1159); they may be called for payment at par and interest on any interest day, beginning Mch. 1 1902, in the inverse order of their numbers. V. 72, p. 282; V. 73, p. 337, 1158; V. 75, p. 549.

**LEASED LINES.**—Schuylkill River East Side 5% bonds were purchased Dec. 1 1903 at 110, per V. 68, p. 40, and \$5,000,000 new 4s issued, guaranteed, p. and l., by endorsement. V. 77, p. 1745; guaranty, V. 81, p. 727.

The West Virginia & Pittsburgh (see agreement in V. 67, p. 1310), has been operated since Sept. 1 1899 under a 99 years' lease, for 4% on the mortgage, to be appropriated to payment of bond interest, the B. & O. having the option for 5 years to purchase the bonds at par and accrued interest on 60 days' notice. V. 69, p. 439.

The B. & O. acquired at 125 \$1,956,000 of the \$2,400,000 Pittsburgh Cleve. & Toledo bonds. V. 70, p. 632; V. 76, p. 47.

In July 1905 the Staten Island Rapid Transit RR. was authorized to issue \$5,000,000 new bonds, of which \$1,500,000 for new construction, &c., and \$3,500,000 to refund old bonds, including \$2,500,000 old bonds called for payment May 28 1904. V. 81, p. 30.

**FINANCES.**—In Sept. 1901 the authorized issue of common stock was increased from \$45,000,000 to \$60,000,000, to provide for conversion of \$15,000,000 debenture 4s issued in March 1901 for improvements, &c. (V. 72, p. 282 337). In July 1905 \$14,408,000 debentures had been converted. Stockholders in 1901 subscribed to \$22,537,200 additional common stock at par, (V. 73, p. 1159; V. 74, p. 150, 266), and in 1902 to a further \$42,316,860, at same price, with \$20,533,000 applicable to equipment, \$9,329,000 to double-tracking between Newcastle and Akron and miscellaneous construction, and the remaining \$12,454,000 to acquire stock, bonds, &c., to be placed under Pitts. Lake E. & W. Va. System mtrc. V. 75, p. 549, 980.

Stockholders in April 1906 subscribed for \$27,750,000 new com. stock at par, the proceeds to be used for construction, improvements and equipment and the redemption of \$8,915,000 collateral trust notes due May 1 1906, raising the amount outstanding to \$152,604,100. The new stock is entitled to all dividends declared after Sept. 1 1906. V. 82, p. 867, 927; V. 83, p. 491.

In 1905 dividend on common was raised to 5% and in 1906 to 6%. As to Reading Co. dividend increased in 1905; see that company.

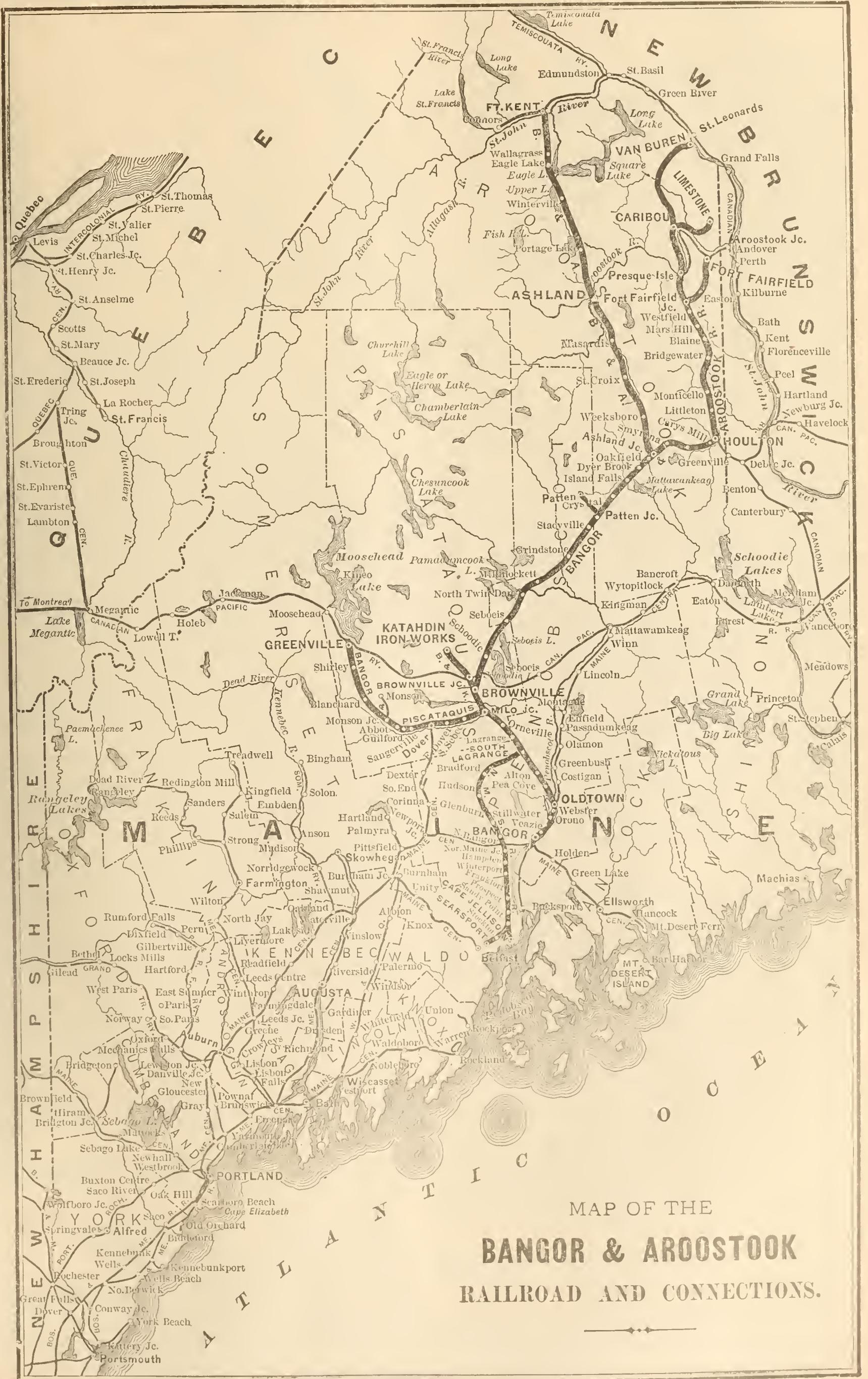
In May 1906 the delivery was completed of locomotives and freight cars ordered early in 1905 at an aggregate cost of about \$14,000,000. V. 80, p. 995, 1227, 1911; V. 81, p. 1549; V. 82, p. 1155.

**EARNINGS.**—From July 1 to Aug. 31 (2 months): 1906—Gross, \$13,725,886; net, \$4,869,471 1905—Gross, 12,169,916; net, 4,446,997 Earnings of July 1905, based on 4,026 miles, being entire system (4,482 miles) except—

Valley RR. of Virginia, Ravenswood Spencer & Glenville, Ohio & Little Kanawha, Cleveland Terminal & Valley, Cleveland Lorain & Wheeling.

**ANNUAL REPORT.**—Report for year ending June 30 1905 was in V. 81, p. 1546, 1554. (See also editorial, p. 1520.) Average rate per ton per mile, 5.66 mills in 1904-05, against 5.82 mills in 1903-04; average revenue train-load, 399 tons, against 401 in 1903-04. Preliminary statement for 1905-06 (partly estimated) was in V. 82, p. 1435.

	Year ending June 30—	1905-06.	1904-05.	1903-04.	1902-03.
Miles		4,026	4,026	3,987	3,935
Freight		\$50,607,987	\$48,617,104	\$47,756,251	\$47,756,251
Passengers		13,817,141	13,146,449	12,520,988	12,520,988
Mail, express, &c.		3,265,769	3,307,528	3,172,305	3,172,305
Total gross earnings	\$77,219,912	\$67,689,997	\$65,071,081	\$63,449,633	
Operating expenses	49,618,906	44,710,603	43,628,864	39,569,964	
Net earnings	\$27,601,035	\$22,979,394	\$21,442,217	\$23,879,669	
Other income (net)	23,465,117	2,555,100	2,276,160	1,222,901	
Total net income	\$31,066,152	\$25,514,803	\$23,718,377	\$25,102,660	
Interest and rentals		\$9,978,143	\$9,627,851	\$8,931,919	
Taxes		1,376,885	1,305,510	1,239,726	
Disc't comm'ss'ns &c.		185,778	427,656	1,109,853	
Divs. on pref. stock	(4) 2,100,000	(4) 2,100,000	(4) 2,100,000	(4) 2,100,000	
Divs. on com. stck	(5 1/2) 6,875,000	(4 1/2) 5,592,042	(4) 4,970,482	(4) 4,970,482	
Additions & improv'ts	(?)	2,500,000	2,000,000	3,500,000	
Balance, surplus	\$8,726,075	\$3,181,954	\$2,986,878	\$2,947,680	



MAP OF THE  
**BANGOR & AROOSTOOK**  
 RAILROAD AND CONNECTIONS.

RAILROADS.	Miles of Road.	Date of Bonds.	Size, or Par Value.	Amount Outstanding	INTEREST OR DIVIDENDS.			Bonds—Prin- cipal, When Due. Stocks—Last Dividend.
					Rate %	When Payable.	Where Payable, and by Whom.	
<i>For explanation of column headings, &amp;c., see notes on first page of tables.</i>								
Bangor & Aroostook—(Concluded)								
Nor Maine Seaport 1st M guar p & l	---	1905	\$1,000	\$3,454,000	5 g	A & O	Brown Bros, NY, Bos & Ph	April 1 1935
Car trusts \$60,000 due A & O yearly	---	'96-'00	1,000	320,000	5 g & 6	A & O	Guar Trust Co, N Y	To July 1 1910
Car trusts gold guar, \$45,000 due semi-an	---	1906	1,000	900,000	5 g	J & D	Brown Bros, N Y & Boston	To June 1 1916
Bangor & Portland—First mortgage gold	---	'80-'86	100 &c	320,000	6 g	J & J	26 Exchange Place, N Y	1930-1936
Beaver & Ellwood—First mortgage gold	3	1899	---	150,000	4 g	J & J	---	July 1 1919
Beech Creek—Stock (guaranteed 4% by endorsement)	163	---	50	6,000,000	4	Q—J	Grand Cent Station, N Y	Oct 1 1906 1%
First mortgage gold guar p & l (endorsed)	163	1888	1,000	5,000,000	4 g	J & J	do do	July 1 1936
Second M for \$1,000,000 gold guar p & l (end)	163	1892	1,000	1,000,000	5 g	J & J	do do	July 1 1936
Clearfield Bitum Coal 1st M Int guar by Bh Cr gold	---	1891	100 &c	732,000	4 g	J & J	Knickerbocker Trust, NY	Jan 1 1940
Beech Creek Exten—1st M \$4,500,000 g guar p & l	59	1901	1,000 &c	3,500,000	3 1/2 g	A & O	Grand Cent Station, N Y	April 1 1951
Clearfield Southwestern first mortgage	---	1900	---	204,000	5	M & S	do do	Mch 1 1930
Pittsburgh & Eastern debenture certificates	---	1904	---	309,219	3 1/2	J & D	do do	Dec 31 1934
Beech Creek consol M \$20,000,000 gold	---	1905	1,000 &c	None	4 g	A & O	do do	April 1 1955
Bellingham Bay & Brit Col—1st M \$1,000,000 gold s f	All	1901	1,000	659,000	5 g	J & D	U S M & Tr Co, NY; & SF	Dec 1 1932
Belt Line Ry of Montgomery—1st M lawful money	1	1890	1,000	200,000	6	J & J	Metropolitan Tr Co, N Y	Jan 1 1910
Belt RR & Stock Yard of Indianapolis—Stock	---	---	50	1,000,000	See text.	J & J	Co.'s Office, Indianapolis	July 2 1906 5%
Preferred stock, cumulative	---	---	50	500,000	6	Q—J	do do	Oct 1 1906 1 1/2%
First mortgage for \$1,000,000 currency	---	1881	1,000	1,000,000	6	M & N	W H Newbolds, Phila.	April 30 1911
Belt Ry of Chattanooga—First M gold	25	1895	1,000	275,000	5	J & J	Mercantile Tr & Dep, Balt	July 1 1945
Belvidere Delaware—Stock (\$4,000,000)	---	---	50	1,253,000	5	Jan 1906	Broad St Stat'n, Phila	Feb 24 '06 5%
Consolidated guaranteed by United Co.'s sinking fd	81	1885	1,000	500,000	4	M & S	do do	Sept 1 1925
mortgage guaranteed by United Co.'s sinking fd	81	1887	1,000	749,000	4	F & A	do do	Feb 1 1927
of 1875 issue \$600,000 reduced by sinking fund	81	1893	1,000	500,000	4	J & J	do do	Jan 1 1933
\$4,000,000 guaranteed by United Co.'s sinking fd	81	1903	1,000	1,000,000	3 1/2 g	J & J	do and Bk Com, NY	Jan 1 1943
Berkshire—Stock 6% rental	---	---	100	1,078,700	6	Q—J	15 Stockbridge, Mass.	Oct 1906 1 1/2%
Bessemer & Lake Erie—Erle equipment trust	---	---	1,000	1,220,000	5	M & S	Home Tr Co, Hobok, N J	March 1 1922
Locomotive equipment trust	---	---	1,000	150,000	5	M & S	do do	March 1 1913
Standard Equipment Trust	---	---	1,000	1,060,000	5	A & O	do do	April 1 1925
Birmingham Belt—See St Louis & San Francisco	---	---	---	---	---	---	---	---
Birm Col & St And—First M \$4,500,000 gold	---	1905	1,000	See text.	5 g	J & J	---	July 1 1935
Bloomsburg & Sullivan RR—First M \$400,000	30	1898	100 &c	370,600	5	J & J	F I T & S D Co, Phila	Jan 1 1928
Second mortgage income non-cum \$200,000	30	1898	100 &c	199,600	5	J & J	Reg Bloomsburg, v h earn.	Jan 1 1928
Boca & Loyalton—First M \$675,000 gold call 110	56	1903	1,000	667,000	6 g	A & O	U S M & Tr, N Y; & SF	April 1 1923
Boonville St L & South Ry—1st M gold \$1,000,000	44	1881	1,000	400,000	6 g	F & A	Amer Exch Bank, N Y	Aug 1 1911
Boston & Albany—Stock (\$30,000,000 authorized)	392	---	100	25,000,000	See text.	Q—M	Office, Term Stat'n, Boston	Sept 29 '06 2
Bonds (not mortgage) guaranteed principal & int	---	1902	1,000	3,858,000	3 1/2	A & O	do do	April 1 1952
Bonds (not mortgage) \$5,000,000	---	1893	1,000	3,627,000	4	A & O	do do	Oct 1 1913
Bonds \$2,500,000 currency	---	1901	1,000	1,000,000	3 1/2	J & J	do do	Jan 1 1951

z Surplus differs from that shown in pamphlet report, owing to method of charging common stock dividend, the above being used for simplicity.  
 y Not a net item in 1905-06; this item will be decreased and charges correspondingly increased in final figures.

Executive Committee—Oscar G. Murray, Chairman; G. F. Randolph, John B. Thayer, John P. Green, James McCrea and Samuel Rea; Pres., Oscar G. Murray; 1st Vice-Pres., Geo. F. Randolph; Sec., C. W. Woolford; Treas., J. V. McNeal.

Directors—R. Brent Keyser, John P. Green, James McCrea, Samuel Rea, Chas. E. Pugh, Geo. F. Randolph, James Speyer, Edward H. Harriman, Norman B. Ream, Charles Steele, James Stillman, Edward R. Bacon.  
 N. Y. Office, 2 Wall St.—(V. 83, p. 93, 489, 562, 625, 686.)

BALTIMORE & POTOMAC RR.—See Phila. Balt. & Wash. RR.

BANGOR & AROOSTOOK RR.—(See Map.)—Oldtown, Me., northerly to Van Buren, with branches; total, 467.4 miles, viz.

Lines owned—	Miles.	Lines leased—	Miles.
Oldtown to Van Buren	221.7	Northern Maine Seaport, La	---
Ashland Jct. to Fort Kent	94.9	Grange to Searsport	54.1
Milo Jct. to Greenville	48.8		
Branches	47.9	Total	467.4

ORGANIZATION.—Organized Feb. 13 1891. State of Maine refunds 95% of all taxes levied. For organization see V. 66, p. 855. Leases Northern Maine Seaport RR., with \$360,000 authorized stock, which in Nov. 1905 opened extension from La Grange, Me., to Stockton Springs, on Penobscot Bay, 56 miles. V. 81, p. 1549.

STOCK.—\$1,550,000; 10,400 shares full paid and 100 shares 5% paid. Dividends, 1 1/2% semi-annually, Jan. 1904 to Jan. 1905, both inclusive; July, 2%; 1906, 4% (J & J).

BONDS.—As to gold 5s on Plscat. Division, see V. 67, p. 1159; V. 68, p. 84, 329. Van Buren Extension 5s of 1899, V. 69, p. 952. Of the consol. re-funding gold 4s, \$12,500,000 were reserved to pay off the outstanding bonds, including those of controlled roads, car trusts and preferred stock, and to acquire such controlled roads; \$3,000,000 for improvements over a series of years and \$4,500,000 for extensions at \$25,000 per mile, including equipment. V. 73, p. 286, 896; V. 74, p. 93. The Northern Maine Seaport bonds, of which \$3,108,000 sold (\$5,000,000 authorized), are guaranteed. V. 81, p. 285; V. 82, p. 392; form of guaranty, V. 81, p. 727.

LATEST EARNINGS.—2 mos., 1906—Gross, \$426,493; net, \$139,192 July 1 to Aug. 31, 1905—Gross, \$349,224; net, \$126,920

ANNUAL REPORT.—Report for year ending June 30 1905 was in V. 81, p. 1311. In 1905-06 gross, \$2,496,547; net, \$943,109; charges, \$656,515; other income, \$13,180; betterments, \$117,842; dividends (4%), \$62,000; appropriation car trust "C," \$47,000; bal., sur., \$72,931. In 1904-05, gross, \$2,159,072; net \$782,359.—(V. 81, p. 1311, 1549; V. 82, p. 392, 1322; V. 83, p. 379.)

BANGOR & PORTLAND RY.—(See Map Del. Lack. & West.)—Portland to Bath, Pa., 29 miles; Nazareth Jct. to Martin's Creek 5 m.; other branches 5 m., total, 39 m. Stock, \$510,000, all acquired in 1900 by Del. Lack. & West. RR. Dividend (6%) Jan. 1901; 1902, 5%; in 1903, 4%; in 1904, 7%; 1905, 8%; 1906, 15%. For cal. year 1905, gross, \$252,635; net, \$108,665, charges, \$26,506; div. (15%), \$76,500; bal., sur., \$5,659.

BATH & HAMMONDSPORT RR.—Bath, N. Y., to Hammondsport, N. Y., 10 miles. Control acquired by Erle RR in 1903. In 1904 foreclosure under \$100,000 first mtge. was pending; second mtge., \$200,000. Stock, \$100,000. Year ending June 30 1905, gross, \$35,404; net, \$7,344; int. and taxes \$10,254; bal. def., \$8,910.—(V. 79, p. 1954.)

BEAVER & ELWOOD RR.—Ellwood Jct to Hazen Coal Mine, Pa., 3 m. Leased to Pitts. & L. Erie RR. for 20 years from May 1 1899, rental being 45% of gross earnings; rental in 1905, \$9,656. Stock, \$150,000; par of shares, \$100. Bonds, see table above.

BEECH CREEK RR.—(See Maps N. Y. Central & Hud. R.R.)—ROAD.—Jersey Shore, Pa., to Mahaffey 112 m.; branches, to Phillipsburg, to mines, &c., 50 miles; total, 162 miles.

LEASE, &c.—From Oct. 1 1890 leased to the N. Y. Cent. & Hud. Riv. RR. for 999 years at interest on bonds and 4% on stock, and since May 1 1899 operated directly as a part of its Pennsylvania division, V. 68, p. 872. Carries mostly coal and coke. Sec guaranty V. 52 p. 570. The bonds are endorsed with New York Central's guaranty of principal and interest. See V. 52 p. 570.—(V. 75, p. 1398.)

BEECH CREEK EXTENSION RR.—(See Maps N. Y. Cent. & Hud Riv.)—Clearfield, Pa., to Keating, 52.1 miles; Rossiter to Rossiter Jct., 3.2 m.; McElhattan to Browns, 1.2 m.; Curwensville to Bower, 15.8 m.; Mahaffey to Arcadia, 13.1 m.; Harmon to Boardman, 13 m.; branch to Irvona, 16.3 m.; 3 other branches, 11.5 m.; total, 126.2 miles. A consolidation on Mch. 30 1905 with the Curwensville & Bower, Pittsburgh & Eastern and Clearfield Southern. A low-grade coal line leased to N. Y. Cent. & Hud. Riv. RR. (which owns entire \$5,179,000 stock) for 999 years from June 1 1905, bonds being guaranteed, prin. and int. Of the consols, part is reserved to retire, dollar for dollar old bonds. V. 80, p. 1174, 1479; V. 81, p. 30; form of guaranty, V. 82, p. 1267.—(V. 81, p. 30; V. 82, p. 1267.)

BELLINGHAM BAY & BRITISH COLUMBIA RR.—Bellingham to Glacier, Wash., 44.16 m.; branch from Hampton to Lynden, 5.31 m.; spurs, 8.34 m.; yard track and sidings, 7.50 m.; total, 65.31 m. Stock, \$1,000,000, all owned by New York and San Francisco parties. Year ending June 30 1906, gross, \$221,216; net, \$63,325; other income, \$3,988; int. and taxes, \$57,446; bal., sur., \$9,867. Pres., H. H. Taylor.—(V. 81, p. 840.)

BELT LINE RY. OF MONTGOMERY.—Owns real estate and a belt line in Montgomery, Ala., about one mile of track on Tallapoosa, Belt, Perry and Columbus streets. Atlantic Coast Line RR. pays an annual rental of \$15,531. Atlantic Coast Line RR owns about 92% of the \$200,000 stock, par, \$100. Year ending June 30 1905, gross, \$20,596; net, \$9,957; bond int., \$12,000; bal., def., \$2,043.

BELT RAILROAD & STOCK YARD OF INDIANAPOLIS.—Owns 14 m of belt road, etc. Leased for 999 years to Ind. Union—which sec.

DIVIDEND.—Preferred in Com. '96, '97, '98 to '02 '03, '04, '05, 1906. Since 1894 full to date. [stk % 4 1/2 0 5 yearly 6 1/2 7 8 8  
 In 1906 on common, Jan., 3%; July 5% (Incl. 2 extra).  
 Pres., S. E. Rauh, Indianapolis, Ind.—(V. 77, p. 2389; V. 81, p. 1099.)

BELT RAILWAY (OF CHATTANOOGA, TENN.)—Owns 25 miles of belt railroad in Chattanooga, Tenn. V. 67, p. 72.

HISTORY.—A reorganization of Union Ry. foreclosed June 17 1895. Leased till July 1 1945 to Alabama Great Southern RR.; rental guaranteed to meet interest on first mortgage bonds, taxes and maintenance. STOCK is \$300,000, owned by Alabama Great So. Ry. There are also \$24,000 2d inc. 4s, due 1945, redeemable at par; coup. paid Jan. '01 to July '06 incl.

BELVIDERE DELAWARE RR.—Owns from Trenton, N. J., to Manunka Chunk, N. J., 67 miles; Flemington RR., &c., 14 miles; operated cut-off, 1 mile; total operated, 81 miles. Leased to United Companies, and transferred to Pennsylvania RR. March 7 1876. Net earnings paid as rental.

STOCK.—Authorized, \$4,000,000; outstanding Jan. 1906, \$1,253,000; par, \$50. Dividends: 1897 to 1906, both inclusive, 5% yearly.

BONDS.—All of the outstanding bonds are secured by the consolidated mortgage of 1875 for \$4,000,000; sinking fund, 1% of outstanding bonds if earned. The issues of 1885, 1887 and 1903 are guaranteed by the United New Jersey RR. & Canal Co. Guaranty, V. 76, p. 918.

EARNINGS.—In 1905, gross, \$1,492,387; net, \$339,107; other income, \$39,112; interest, taxes, etc., sinking fund and other charges, \$185,098; dividends, \$62,650; surplus, \$130,471.—(V. 76, p. 918.)

BENNINGTON & RUTLAND RY.—See Rutland RR.—(V. 70, p. 685.)

BERKSHIRE RR.—West Stockbridge, Mass., to Connecticut State Line, 21 miles; Vandeuenville, Mass., to Pittsfield, 22 miles; total, 43 miles. A consolidation in 1905 with Stockbridge & Pittsfield and West Stockbridge RR. V. 80, p. 2219. Leased April 1 1893 for 99 years to N. Y. N. H. & H. RR. for expenses, taxes and 6% on stock, paid Q-J, 15 at Housatonic National Bank, Stockbridge, Mass. Lease to Housatonic RR. suspended, not canceled. Stock, \$1,078,700. (V. 80, p. 2219.)

BESSEMER & LAKE ERIE RR.—Leases Pittsburgh Bessemer & Lake Erie RR., Bessemer, near Pittsburgh, Pa., to Conneaut Harbor, Lake Erie, etc., with branches, a total of 209 miles, for 999 years from April 1 1901; owns 9 miles; total, 218 miles. V. 72, p. 137. Authorized to operate a railroad from a point of connection with the Pittsburgh Bessemer & Lake Erie at or near Kremis Station, Pa., to a point on the Jamestown & Franklin RR. near Salem Station, Pa. Stock, authorized, \$500,000. Controlled by the Carnegie Co. and so by U. S. Steel Corporation. Guaranty of Marquette & Bessemer Dock & Navigation bonds, V. 77, p. 1228; V. 76, p. 1358; V. 82, p. 160.—(V. 82, p. 160.)

BIRMINGHAM & ATLANTIC RR.—Talladega to Coal City, Ala., 31 miles; branches, Rogans to ore beds, 9 miles, and Furnace to Welsingers, 3 miles; total, 43 miles. Stock, \$1,000,000, all common; par of shares \$100. Bonds, \$500,000 forty-year first 6s, due Nov. 1 1931 (\$1,000 each). Interest, payable M. & N., in default. Year ending June 30 1905, gross, \$30,153; def. under oper., \$5,048; bond interest, not paid. President, Sidney H. March; Sec. and Treas., John Carlsen, 25 Broad St., New York.

BIRMINGHAM COLUMBUS & ST. ANDREWS RR.—Projected from St. Andrews Bay, Fla., to Columbus, Ga., about 200 miles, of which 6 miles laid with track and 39 additional graded in Jan. 1906. Stock, \$4,500,000, in \$100 shares. Bonds are issuable at \$22,500 per mile. V. 81, p. 1375, 1492, 1609. President, W. M. Gordon, 25 Broad St., N. Y.; Secretary and Treasurer, D. B. Jones. Office, Girard, Ala.—(V. 81, p. 1492, 1609.)

BLOOMSBURG & SULLIVAN RR.—Owns Bloomsburg to Jamison City, Pa., 30 miles. Stock is \$600,000; par, \$50. V. 66, p. 80, 952. Year ending June 30 1905: gross, \$109,509; net, \$55,735; other income, \$1,219; interest, taxes, etc., \$31,272; balance, surplus, \$25,682.—(V. 66, p. 80, 952.)

BOCA & LOYALTON RR.—Owns from Boca, on Central Pacific main line, northwesterly via Loyalton to Beckwith, 40 miles; 6 miles additional main line and 10 miles of branches; total, 56 miles. The Denver & Rio Grande on June 30 1906 owned \$1,504,500 of securities of company and affiliated companies.

Stock, \$1,200,000; par of shares, \$15. Bonds cover also Roberts Lumber Co.'s property comprising 52,769 acres of pine lands, water-works, etc. Mercantile Trust Co. of San Francisco is mortgage trustee. They are subject to call for sinking fund at 110 and interest. V. 76, p. 1191. Earnings for year ending July 31 1904: Railroad, gross, \$145,126; lumber, gross \$228,088; total, \$373,214; total net, \$146,310.—(V. 76, p. 1191; V. 80, p. 1174; V. 81, p. 667.)

BOISE NAMPA & OWHYEE RY.—Owned from Nampa to Murphy, Idaho, 30.45 miles. In July 1906 merged with the Idaho Northern Ry., the consolidated line extending from Nampa to Emmett, 58 miles. Year ending June 30 1905 (30 miles), gross, \$33,176; net, \$16,130. Pres., E. H. Dewey.—(V. 83, p. 154.)

BOONVILLE ST. LOUIS & SOUTHERN RY.—Boonville to Versailles, Mo., 44 miles. Leased to Mo. Pac. till July 1 1910 at annual rental of \$25,000, taxes, expenses, etc. Stock, \$250,000; par of shares, \$125.

BOSTON & ALBANY RR.—Owns from Boston, Mass., to Albany, N. Y., 200 miles; numerous branches, 104 miles; leased lines, 88 miles; total operated, 392 miles. A consolidation of December 1867.

Leased in 1900 for 99 years to the New York Central & Hudson River RR. for guaranteed rental of 8% per annum on the \$25,000,000 stock, payable quarterly (March 30, etc.), organization expenses, interest on bonds, taxes, expenses of maintenance, etc. The H. & A. received for certain property not included in the lease \$5,500,000 in N. Y. Central 3 1/2% 100-year debentures, thus adding .77% per annum to 8% guaranteed on stock. See lease in V. 69, p. 282; V. 69, p. 1061, 1102, 1246; V. 70, p. 74; V. 71, p. 645, 663. Bonds of 1901, \$2,500,000, were for terminal facilities at Boston, of which \$1,000,000 issued. V. 71, p. 1218; V. 72, p. 44; V. 75, p. 752.

DIVIDENDS.—Cash dividends at the rate of 8% yearly were paid for many years prior to the lease. Since 1900 8 1/2% viz.: 2% each in March and September, 2 1/2% in June, and 2 1/2% in December.

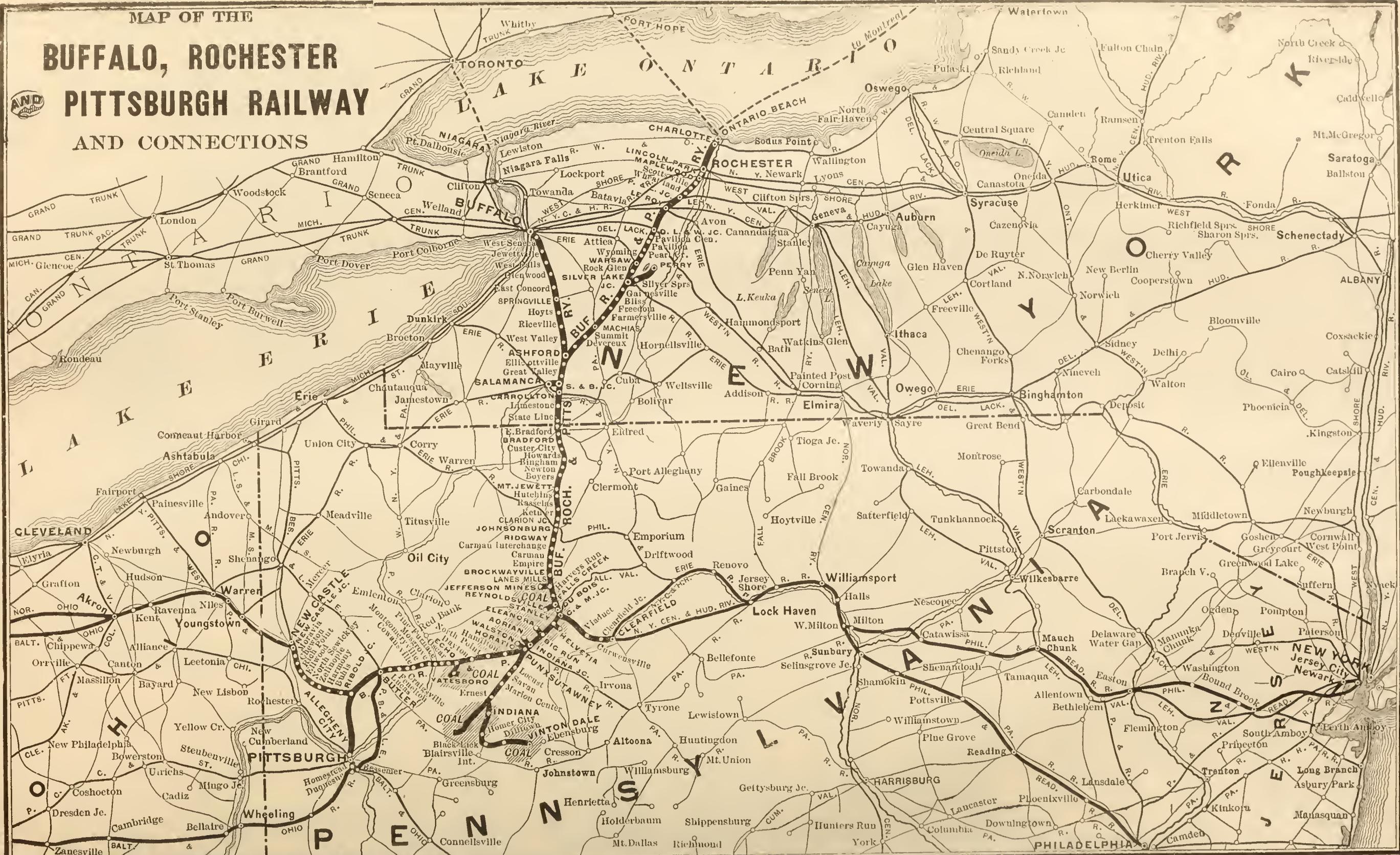


Table with columns: RAILROADS, INTEREST OR DIVIDENDS, Bonds—Principal, When Due, Stocks—Last Dividend. Includes entries for Boston & Lowell, Boston & Maine, Boston & Providence, Boston Revere Beach & Lynn, and Bruce Mines & Al.

EARNINGS as reported to State Railroad Commission by lessee: Year— Gross. Net. Other Inc. Int. divs. &c. Bal., surp. 1905-06 ... \$11,205,074 \$3,746,452 \$415,419 \$3,851,068 sur \$310,803

BOSTON & LOWELL RR.—ROAD.—Owns Boston to Lowell, 26 miles; branches—Salem and Lowell, 17 miles; Lowell and Lawrence, 12 miles; others, 45 miles; Middlesex Central, 11 miles; leases—Connecticut & Passumpsic, 146 miles; Nashua & Lowell, 15 miles; Peterborough, 10 miles; Northern N. H., 83 miles (and subsidiary lines 90 miles); Stony Brook RR., 13 miles; Wilton RR., 15 miles. Leases mostly assumed by Boston & Maine.

LEASES.—Leased in 1887 for 99 years to the Boston & Maine at 7% per annum on stock till Jan. 1 1897 and 8% thereafter. STOCK AND BONDS.—Stock authorized, \$6,599,400. The debentures were described on page 2, SUPP. of April 1895. Stockholders authorized \$500,000 20-year bonds (int. not over 4%) to retire the bonds due Nov. 1; the new bonds have been sold. V. 81, p. 1847.—(V. 83, p. 890.)

BOSTON & MAINE RR.—ROAD.—The system with its many branch lines covers the territory from Boston, Mass., to Portland, Me. (two divisions), Springfield, Mass., Sherbrooke, Can., Rotterdam Jet. and Troy, N. Y., Worcester Mass., to Portland, Me., and all important places in New Hampshire. a See this company.

Table with columns: Lines owned, Miles, Lines leased—(Concluded.) Miles. Boston, Mass., to Portland, Me., via Western Division 115 Fitchburg 458

ORGANIZATION, ETC.—An agreement with New York New Haven & Hartford regarding division of territory was made in 1893, V. 56, p. 464. The stockholders of Newburyport and Danvers roads (aggregate 36 miles) voted to sell the roads to the Boston & Maine. V. 81, p. 1847; V. 83, p. 322. STOCK.—Of the \$24,638,070 stock outstanding July 1905, \$1,128,200 was held by trustees as collateral for Eastern RR. certificates of indebtedness. V. 69, p. 129. Stockholders on Oct. 11 1905 authorized \$4,203,700 new stock, \$1,128,200 having also been set free by payment of Eastern RR. certificates of indebtedness. Stockholders in Aug. 1906 subscribed for \$3,627,500 of the stock at \$165 per share, to be paid in full Sept. 1 1906, or optionally in four equal installments on Sept. 1 1906, June 29 1907, Aug. 31 1907 and Dec. 31 1907, the proceeds to be used on account of proposed expenditures aggregating \$8,700,000, including \$5,000,000 for equipment, &c., raising amount outstanding to \$28,265,570; balance to be sold as required. V. 81, p. 899, 974, 1174; V. 82, p. 1378; V. 83, p. 154, 491.

DIVIDENDS.—'87. '88. '89. '90. '91. '92. '93. '94-'98. '99. 1900-Oct 06 On common 10 9 9 9 8 8 6 yearly 6 7 yearly BONDS.—As to debentures see SUPPLEMENT of April 1895. Under the lease of the Fitchburg RR. the Boston & Maine issued its \$5,454,000 fifty-year 3% gold bonds to purchase, \$ for \$, the same amount of Fitchburg common stock held by the State of Massachusetts and by private persons. V. 70, p. 175.

In March 1906 \$10,000,000 20-year 4% currency bonds dated Sept. 1 1906 were sold to refund and pay bonds and notes maturing Sept. and Oct. 1906 and for other necessary purposes. V. 81, p. 974, 899, 1174; V. 82, p. 567; V. 83, p. 36. The RR. Commissioners in Oct. 1906 granted authority to issue \$152,000 bonds to purchase the Danvers RR. and \$306,000 bonds to acquire the Newburyport RR. V. 83, p. 322. Stockholders on Oct. 10 1906 authorized \$500,000 bonds to provide for payment of bonds maturing in 1907, &c. V. 83, p. 817. Notes payable Sept. 1906, \$1,600,000.

Boston & Maine guarantees \$1,328,000 first 5s of St. Johnsbury & Lake Champlain. Also interest on \$274,000 Manchester & Lawrence 4s. Jointly with Maine Central guarantees \$300,000 Portland Station bonds.

Table with columns: EARNINGS.—For 12 months ending June 30: 12 mos.— Gross. Net. Other Inc. Int. Taxes, &c. Bal., sur. 1905-06 ... \$39,214,203 \$9,860,834 \$622,085 \$8,431,000 \$2,051,919

OFFICERS.—Pres., Lucius Tuttle; 4th Vice-Pres. and General Auditor W. J. Hobbs; Treas., Herbert E. Fisher. Office, Boston. Directors—Lucius Tuttle, Richard Olney, Walter Hunnewell, Boston; Joseph H. White, Henry M. Whitney, Brookline, Mass.; L. C. Ledyard, Henry F. Dimock, C. M. Pratt, New York; Samuel C. Lawrence, Medford; A. W. Sulloway, Franklin, N. H.; Wm. Whitling, Holyoke, Mass.; Alexander Cochrane, Boston; Moses Williams.—(V. 83, p. 813, 817, 890.)

BOSTON & PROVIDENCE RR.—Owns Boston, Mass., to Providence, R. I., 44 miles; branches, 20 miles. Leased 99 years, April 1 1888, to Old Colony RR. rental, 10% yearly on stock.—(V. 78, p. 2010.)

BOSTON REVERE BEACH & LYNN RR.—Owns narrow-gauge road from Lynn to East Boston, Mass., 9 miles, connecting with Boston by company's ferry-boats; Boston Winthrop & Shore Div., East Boston to Winthrop, 5 miles, with branches 3 miles. Of the 4 1/2 s of 1897 balance unissued is for improvements. V. 65, p. 68; V. 83, p. 379. Notes payable July 1 1906, \$290,000.

DIVIDENDS 1888-91 '92. '93. '94. '95. '96. '97 to July 1905. 1906. Per cent. 7 yearly. 5 1/2 5 4 1/2 4 3 2 yearly. 4

EARNINGS.—Year ends June 30. Year— Gross. Net. Int. & taxes. Divs. paid. Bal., sur. 1905-06 ... \$747,610 \$98,211 \$62,193 (4%) \$34,000 \$2,018

BOSTON TERMINAL CO.—Owns Southern Union Depot in Boston opened in 1899. V. 68, p. 40; V. 69, p. 591. Boston & Albany, New England, Boston & Prov., Old Colony and N. Y. N. H. & Hartford RR. Cos. each owns one-fifth of the \$500,000 capital stock and pay as rental in monthly instalments sums sufficient to pay all expenses, charges, interest on bonds and 4% on stock. These companies are jointly liable for any deficiency in case of foreclosure. Registered interest payable Q.-F.; coupons F. & A.—V. 69, p. 129, 591.)

BROCKVILLE WESTPORT & NORTHWESTERN RY.—V. 82, p. 1267. BROOKLYN & BRIGHTON BEACH RR.—V. 69, p. 228; V. 75, p. 1353.

BROOKLYN & ROCKAWAY BEACH RR.—Owns road from East New York (Brooklyn) to Canarsie Landing, Jamaica Bay, 3 1-5 miles (of which 2 m. double track), and operates ferry to Rockaway Beach. Operations suspended during winter months. Sold in foreclosure May 2 1906 per plan V. 81, p. 1664, the railroad and part of the real estate being acquired by the Brooklyn Rapid Transit Co. V. 82, p. 1040, 1155. Reorganization plan (V. 81, p. 1664). In year ending June 30 1905, gross, \$2,080; def. under operating, \$7,413; other income, \$3,939; int. and taxes, \$28,695; balance, deficit, \$32,169.—(V. 82, p. 750, 1040, 1155.)

BRUCE MINES & ALGOMA RY.—V. 76, p. 704.

BRUNSWICK & BIRMINGHAM RR.—See Atl. Birm. & Atlantic Ry.

BUFFALO BRADFORD & KANE RR.—Abandoned Aug. 1906. V. 83, p. 562.—(V. 83, p. 562.)

BUFFALO CREEK RR.—Owns 6 miles of terminal road in Buffalo, N. Y. In December 1889 leased for term of charter less one day to the Lehigh Valley and the Erie RR., which together own entire capital stock of \$250,000. Rental is interest on bonds and 7% on stock.—(V. 79, p. 1954.)

BUFFALO ROCHESTER & PITTSBURGH RAILWAY.—(See Map.)—Operates from Buff. and Roch., N. Y., to bituminous coal regions.

ORGANIZATION, &c.—Successor in March 1887 to the Rochester & Pittsburgh, which was foreclosed in Oct. 1885. Plan of reorganization in V. 41, p. 516. The entire capital stock (\$4,000,000) of the Rochester & Pittsburgh Coal & Iron Co. is owned (V. 66, p. 1088) and through that company in May 1896 control was acquired of the Jefferson & Clearfield Coal & Iron Co. (see that Co. under "Industrials") with \$3,000,000 stock. For bonds of these coal cos. see table above. Clearfield & Mahoning securities are guaranteed. Allegheny & Western, see below. In Aug. 1901 allied interests purchased upwards of 25,000 acres of coal lands in Indiana County, Pa. V. 75, p. 183, 347. Proposed Lake Ontario Car ferry, see V. 81, p. 1790. V. 83, p. 329.

Table with columns: Lines owned in fee— Miles, Trackage (Con.)— Miles. Buffalo Creek, N. Y., to Howard Penn. RR.—Penn. RR. Jct. to

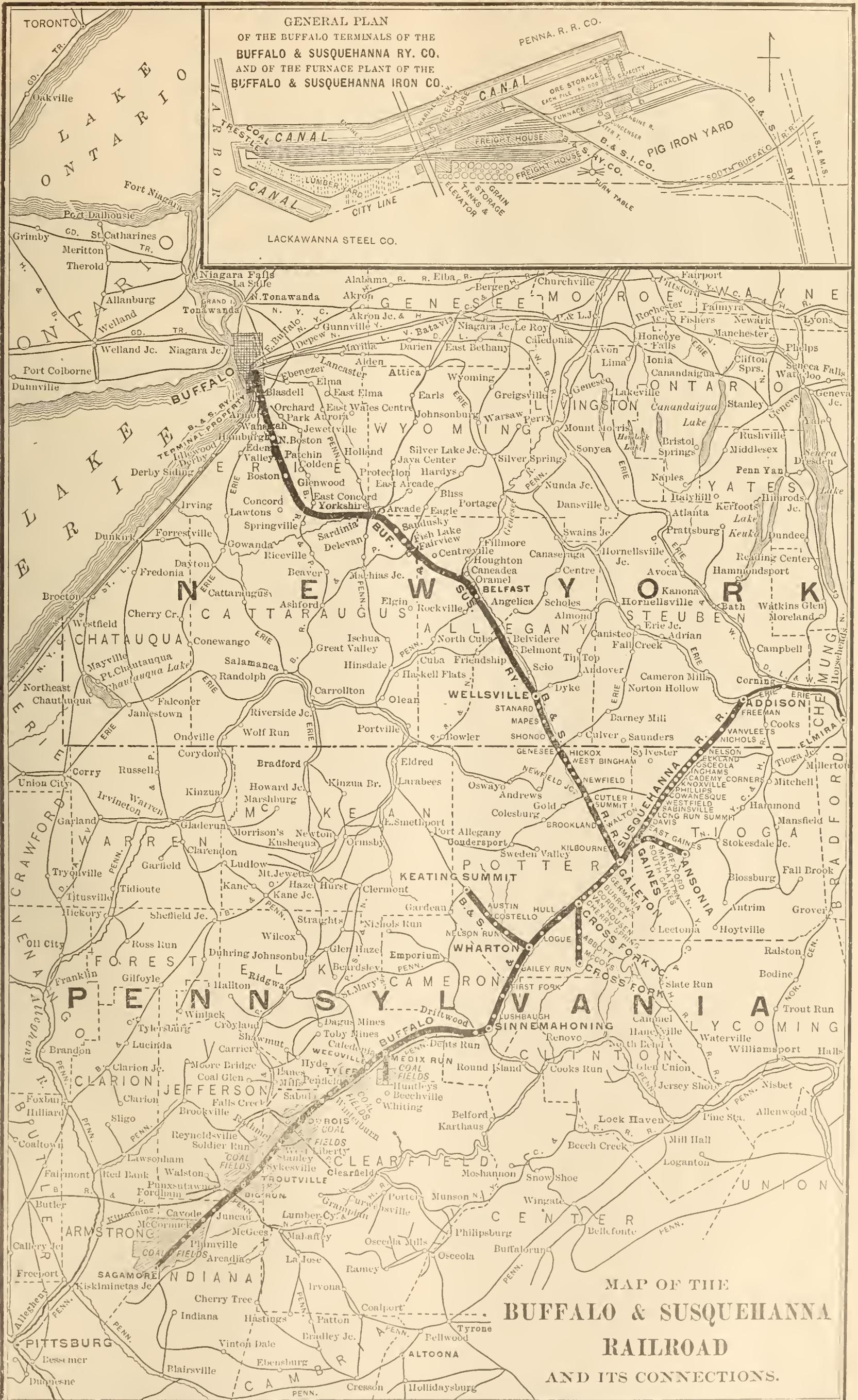
STOCK.—The stockholders voted Nov. 21 1904 to increase the common stock from \$9,000,000 to \$12,000,000, to complete the Indiana branch and for other capital requirements. Of the new stock, \$1,500,000 was subscribed for in 1905 by stockholders at par. V. 79, p. 685; 1905; V. 80, p. 116.

DIV. (%) '93. '94-96. '97. '98. '99. '00. '01. '02. '03. '04. '05. 1906 Prof. 1 1/2 0 1 2 2 6 6 6 6 6 6 Com. 4 4 5 1/2 6 6 6

BONDS.—General 5s for \$5,573,000 are reserved for prior bonds, &c. The \$2,000,000 debentures of 1897 in the treasury are convertible into common stock at par and subject to call at 102 1/2; they are to be secured by any subsequent mortgage unless made for refunding existing prior liens or for extensions exclusively. See V. 64, p. 706; V. 73, p. 1009, 1111. R. & P. Income 6s, \$5,000.

A sinking fund of 5% will retire ser. A, B and C equipment bonds annually on May 1, if purchasable at or below par; otherwise to be applied to the purchase of additional equipment. V. 68, p. 1131; V. 71, p. 501; V. 73, p. 348. Series D and E have an annual sinking fund of 6% for purchase of bonds Sept. 1 and May 1, respectively, at 105 and interest; if not purchasable, bonds may be drawn by lot; Series E may also be called as an entirety at 105. Real estate mortgages bearing 5% interest, \$304,000.

EARNINGS.—2 mos., {1906—Gross, \$1,303,714; net, \$483,585 July 1 to Aug. 31. {1905—Gross, 1,573,054; net, 718,570



RAILROADS. For explanation of column headings, &c., see notes on first page of tables.	Miles of Road.	Date of Bonds.	Size, or Par Value.	Amount Outstanding	INTEREST OR DIVIDENDS.			Bonds—Principal, When Due. Stocks—Last Dividend.
					Rate %	When Payable.	Where Payable, and by Whom.	
Brunswick & Western—See Atlantic Coast Line RR.								
Buffalo Creek—First mortgage.....F	6	1882	\$1,000	\$150,000	6	J & J	Farmers' L & Tr, N Y	Jan 1 1907
Cons M \$1,000,000 gold interest as rental.....c*	6	1891	1,000	621,000	5 g	J & J	do do	Jan 1 1941
Buffalo New York & Erie—See Erie Railroad.								
Buffalo Rochester & Pittsburgh—Common stock...Tr			100	10,500,000	6 in 1906	F & A	36 Wall Street, N Y	Aug 15 1906 3 %
Pref stock non-cum common 6 % then pro rata...Tr			100	6,000,000	6 in 1906	F & A	do do	Aug 15 1906 3 %
R & P 1st M gold Rochester to Salamanca...Un.c*	108	1881	1,000	1,300,000	6 g	F & A	do do	Feb 1 1921
R & P consol M \$20,000 per mile gold guar...Un.c*	276	1882	1,000	3,917,000	6 g	J & D	do do	Dec 1 1922
B R & P 1st general M (\$10,000,000) gold...Un.c*	276	1887	1,000	4,427,000	5 g	M & S	do do	Sept 1 1937
Lincoln Park & Charlotte 1st M gold guar...Un.c*	10	1889	1,000	350,000	5 g	J & J	do do	Jan 1 1939
B R & P car trusts gold due semi-annually...Un.c*		1897	1,000	78,000	5 g	J & D	do do	1907-1908
Equipment bonds \$500,000 gold s f Ser A...G.c*		1899	1,000	500,000	4 1/2 g	M & N	do do	May 1 1919
do do B & C \$1,000,000 each gold s f...G		1900-1	1,000	2,000,000	4 1/2 g	M & N	do do	May 1 '20-'21
do do D \$2,000,000 gold red 105 slnk fund...G		1902	1,000	1,761,000	4 1/2 g	M & N	do do	Nov 1 1919
do do E \$2,000,000 gold red 105 slnk fund...G		1904	1,000	1,070,000	4 1/2 g	M & N	do do	May 1 1922
<i>Securities of Allied Coal Properties.</i>								
Jefferson & Clearfield Coal & Iron preferred stock...Un.c*		1896	1,000	1,500,000	5	F & A	Checks mailed.	Aug 15 1906 2 1/2 %
First M gold sinking fund drawn at 105...G.c*		1896	1,000	1,389,000	5 g	J & D	36 Wall Street, N Y	June 1 1926
Second M gold sinking fund drawn at 105...Usm.c*		1896	1,000	1,000,000	5 g	J & D	do do	June 1 1926
Rochester & Pittsburgh C & I 1st M gold slnk fd...c		1886	1,000	323,000	5 g	Various	do do	Nov 30 1907
Helvetia purchase money mortgage gold s f...Ce.c*		1896	1,000	1,044,000	5 g	M & N	do do	May 1 1946
First M of 1902 \$2,000,000 gold red 105 s f...G.c*		1902	1,000	1,850,000	4 1/2 g	F & A	do do	Aug 1 1932
Buffalo & Susquehanna RR—Pref stock 4 % non-cum		1893	50	4,000,000	4	Q-M	Flsk & Robinson, N Y	Sept 1 1906 1 %
First M gold sinking fund redeemed at par...Me.c* & R	102	1893	500 & c	180,500	5 g	A & O	Harvey Flsk & Sons, N Y	Oct 1913
First refunding mortgage gold (see text)...Mp.c* & R	242	1901	1,000 & c	8,542,000	4 g	J & J	Flsk & Robinson, N Y	April 1 1951
Buffalo & Susquehanna RR—1st M \$6,000,000 gold...Us.c* & R		1903	1,000 & c	5,625,000	4 1/2 g	M & N	Flsk & Robinson, N Y	April 1 1953
Equip trust bonds part due semi-ann...Usm.c		1906	1,000	871,000	5	J & J	N W Harris & Co, N Y	Jan '07-July '16
Buffalo Terminal Association—See Wabash RR.								
Burlington Cedar Rapids & Northern—See Chicago R	ock Is	land &	Pacific	Ry and also	Rock Isl	and Co.		
Burlington & Missouri Valley—See Chicago Burlington	on &	Quincy						
Cal Northwest—1st M gold (\$2,000,000 guar p & l) s f	40	1898	1,000	985,000	5 g	A & O	San Francisco & New Yk	April 1 1928
California Pacific—See Southern Pacific RR.								
Cal W RR & N—1st M \$700,000 gold guar s f text...c*		1905	1,000	400,000	5 g	J & J	First Tr & Sav Bk, Chic	July, 1907-1926
Cambria & Clearfield—1st M (\$2,000,000) gold...GP.c*	103	1891	1,000	1,279,000	5 g	J & J	Broad St Station, Phila	Jan 1 1941
Bell's Cap consol M sinking fund not drawn...GuP.c*	30	1883	500 & c	145,000	6	A & O	do do	April 1 1913
Clearfield & Jefferson first mortgage...GuP.c*	46	1886	500 & c	1,000,000	6	J & J	do do	Jan 1 1927
Pennsylvania & N W gen M \$2,500,000...GuP.c*	76	1890	1,000	1,021,000	5	J & J	do do	Jan 1 1930
Cambria & Clearfield general mortgage gold...c	392	1905	1,000	1,210,000	4 g	F & A	do do	Feb 1 1955

**BUFFALO ROCHESTER & PITTSBURGH RY. (Concluded).**  
**ANNUAL REPORT.**—Fiscal year ends June 30. The annual meeting is held at New York on the third Monday in November. The report for 1905-06 was given at length in V. 83, p. 320, 328; see also editorial, p. 295. In 1905-06 carried 5,204,437 tons of bituminous coal (out of 8,377,375 total tons of freight moved), against 6,234,260 in 1904-05.

Year end, June 30—	1906.	1905.	1904.	1903.
Miles June 30.....	568	538	499	472
Gross earnings.....	\$7,797,248	\$8,138,275	\$7,496,521	\$7,249,686
Net earnings.....	\$3,000,882	\$2,848,733	\$2,893,325	\$3,028,082
Other income.....	32,204	22,805	33,437	48,233

	1906.	1905.	1904.	1903.
Total receipts.....	\$3,033,086	\$2,871,538	\$2,926,762	\$3,076,315
Interest on bonds.....	\$800,289	\$793,174	\$778,030	\$724,049
Rentals.....	492,867	485,835	472,669	477,698
Special appropriations, &c.....	623,427	618,774	660,188	1,043,723
Dividend on preferred...	(6)360,000	(6)360,000	(6)360,000	(6)360,000
Dividend on common...	(6)630,000	(6)540,000	(6)498,000	(4 1/2)313,000

\*Balance, surplus..... \$126,503      \$73,755      \$157,875      \$157,845  
 In addition to this surplus there was received from investments and "credited directly to profit and loss account" \$120,000 in 1904-05, \$320,000 in 1903-04 and \$600,000 in 1902-03.

**OFFICERS.**—Pres., A. G. Yates, Rochester; Vice-Pres., Adrian Iselin Jr., N. Y.; Treas., J. F. Dinkey, Rochester; Sec., J. H. Hocart, N. Y.  
 Directors—Henry G. Barbey, A. O. Yates, A. Iselin Jr., Wm. E. Iselin, H. I. Barbey, Walter G. Oakman, C. O. D. Iselin, J. H. Hocart, W. Emlen Roosevelt, Ernest Iselin, Oscar Grisch, John L. Riker and Sam'l Woolverton, N. Y. Office 36 Wall St.—(V. 82, p. 508; 1039; V. 83, p. 36, 154, 320.)

**BUFFALO & SUSQUEHANNA RR.**—(See Map.)—Owns and operates from Sykesville, Pa., to Wellsville, N. Y., with several branch lines, including 20 miles leased. Total mileage, 242. This includes extension of 70 miles from Sinnemahoning southward to Sykesville, Pa. where coal properties are located; operated from July 1 1905. V. 79, p. 902. Has trackage rights from Stanley to Juneau, 16 miles, whence extension has been built to Sagamore, 23 miles, under charters of Southwestern Du Bois and Plumville RRs. V. 77, p. 768, 1301; V. 78, p. 102; V. 80, p. 710.

**BUFFALO EXTENSION.**—An extension is nearing completion from Wellsville to Buffalo, 86 miles, under charter of the Buffalo & Susquehanna Railway. See the Ry. Co. below and V. 76, p. 593; V. 74, p. 1037; V. 75, p. 76, 665, 922; V. 79, p. 2091.

**BUFFALO & SUSQUEHANNA COAL & COKE CO.**—This company, the securities of which are owned by the B. & S. RR., owns coal lands at Medix, Du Bois, Troutville, Big Run and Sagamore Pa. These lands are estimated to be underlaid with about 100,000,000 tons of coal. Twelve mines in operation, annual capacity 3,000,000 tons. V. 77, p. 1301; V. 79, p. 2091-2; V. 82, p. 1322.

**POWHATAN COAL & COKE CO.**—This company, all of whose securities are owned by the B. & S. RR., owns coal lands at Tyler and at Sykesville, underlaid with about 26,000,000 tons of coking coal. Both its coking plants are operated and are shipping about 800 tons of coke daily to Buffalo for the use of the Buffalo & Susquehanna Iron Co.

**STOCK.**—Common stock, all except directors' shares, owned by B. & S. Ry., \$4,456,900; par of shares, \$50. See application to list, V. 78, p. 2389; V. 82, p. 568.

**DIVIDENDS.**—On common, 4% in 1895 and 5% yearly since to Oct 1906, inclusive, paid Q-J.; on preferred, 1% quarterly March since date of issue, beginning with Sept. 1902.

**BONDS.**—The 5 per cents of 1913 have been reduced by the operation of the sinking fund and by refunding into 4s of 1951 to \$163,000. They are subject to call at par for sinking fund in order of numbers, beginning with highest. V. 65, p. 234.

The 4 per cents of 1951 are secured by a first refunding mtge. on the entire property, and are further secured by deposits of purchase money mtges. amounting to \$1,790,000 on coal lands; outstanding, \$8,542,000. Further amounts may be issued at not over \$25,000 per mile for the construction or acquisition of additional road; also for new terminals, control of coal properties and for new equipment. V. 73, p. 619. Total authorized issue, \$15,000,000, but additional amounts at \$15,000 per mile may be issued for double-tracking mileage already covered by the mortgage. V. 73, p. 619, 899. Slnk. fund of 3 cts. per ton of coal mined to be invested in the bonds, if purchasable at not exceeding 110%; otherwise in securities legal for savings banks.

**EARNINGS.**—For 12 months ending June 30:  
 12 Mos. Gross. Net. Other Inc. Charges. Bol., sur.  
 1905-06..... \$1,522,740    \$535,212    \$137,613    \$426,320    \$46,505

**REPORT.**—Report for year ending June 30 1905 was given at length in V. 81, p. 1310, 1319 (see also edit., p. 1340), showing gross, \$1,129,865; net (over taxes), \$376,620; other income, \$190,861; total income, \$567,481; int. and rentals, \$243,467; div. on common, \$175,900; div. on pref., \$120,000; bal., \$28,114. In 1903-04, gross, \$962,696; net, \$327,196.—(V. 83, p. 435.)

**BUFFALO & SUSQUEHANNA RY.**—(See Map.)—Under construction from Wellsville to Buffalo, N. Y., 86 miles. On Oct. 1 1906 all construction completed with prospect of operation in course of few weeks. Upon operation of this line, the B. & S. RR. will be leased for 99 years for interest on bonds and a guaranteed dividend of 4% yearly on the preferred stock. The B. & S. Ry. Co. has acquired the common stock of the B. & S. RR. Co., and it will thus control, upon the operation of its line, a railroad extending from Buffalo, N. Y., to Sagamore, Pa. which, with its several branches, will have a total mileage of about 365 miles. At Sagamore are situated the principal coal mines of the Buffalo & Susquehanna Coal & Coke Co. The Buff. & Susque. Coal & Coke Co. and the Powhatan Coal & Coke Co. (V. 75, p. 922; V. 79, p. 2061, 2091-02) are controlled by the B. & S. RR. Shipments over the B. & S. RR. by these companies will amount to at least 3,000,000 tons per annum. (See V. 76, p. 593). In Jan. 1905 B. & S. interests acquired Buffalo Atlica & Arcade RR., 28 m. V. 80, p. 471.

The Buffalo & Susquehanna Iron Co., a closely affiliated corporation, has erected on a tract of land adjoining the terminal property of the B. & S. Ry. at Buffalo two blast furnaces. (See V. 75, p. 922; V. 79, p. 2061, 2092.)

The Railway Co. will transport all the coal and coke. Connection is made at Buffalo with the Buff. & Susq. S. S. Co., owned by affiliated interests.

**STOCK.**—Authorized, \$10,000,000; issued, \$9,000,000; par, \$100.

**BONDS.**—The first 50-year gold 4 1/2s (authorized issue, \$6,000,000, of which \$5,625,000 is outstanding), are secured by a first lien on terminal property at Buffalo and the 86 miles under construction in New York State; also by deposit with the U. S. Trust Co., trustee, of all the common stock of the B. & S. Railroad Co. (5% yearly dividends paid), amounting to \$4,456,900. (V. 74, p. 1040.) See V. 76, p. 593; V. 79, p. 2695. Of the equipment trust 5% bonds of 1906, \$44,000 mature Jan. 1 and \$43,000 July 1 yearly. V. 82, p. 1495.—(V. 81, p. 612; V. 82, p. 1495.)

**"BURLINGTON"**—See CHICAGO BURLINGTON & QUINCY RR.

**BURLINGTON CEDAR RAPIDS & NORTHERN RY.**—In 1903 title was acquired by Ch. R. I. & Pac. Ry. Co., the holders of the outstanding unexchanged stock (about \$172,200—total issue \$7,150,000) being guaranteed the payment of 6% divs. J.-J., as called for by the lease.—(V. 82, p. 1040.)

**CALGARY & EDMONTON RY.**—Owns Calgary, Canada, to Edmonton, Canada, 191 miles, and to Fort McLeod, Canada, 104 miles.

In Feb. 1903 a new lease to the Canadian Pacific (which owns entire \$1,000,000 stock) for 99 years was ratified, under which the 6% bonds (\$1,121,700) were exchanged for an equal amount of debenture stock, on which interest is guaranteed at 4%. At the termination of the lease the principal of the bonds will be paid at par or a further lease entered into. V. 76, p. 434; V. 77, p. 1224. The stockholders voted on Sept. 20 1904 to issue bonds to build the Lacombe and Westaskiwin branches, each about 50 m., under construction. V. 79, p. 1027, 1265. Proposed bonds on bridges over Saskatchewan River not exceeding \$1,000,000. See V. 80, p. 116.

**CALIFORNIA NORTHWESTERN RY.**—Owns Ukiah to north of Sherwood, Cal., 40 m., and leases San Francisco & North Pacific Ry., Point Tiburon, Cal. (whence ferry to San Francisco, 6 miles), to Ukiah, Cal., 106 miles, and branches, 71 miles. In Aug. 1904 the North Shore RR., 91 m. was acquired by friendly interests. V. 79, p. 680.

Stock, \$3,000,000; issued, \$1,566,000; par, \$100. Bonds are issuable at \$25,000 per mile, being guaranteed by San Francisco & North Pacific, leased for net profits for 20 years from Sept. 20 1898.

**EARNINGS.**—For 1 month ending June 30:

1 Month.	Gross.	Net.	Charges.	Balance.
1906.....	\$148,358	\$60,000	\$28,094	\$31,906
1905.....	182,231	87,046	27,888	59,158

Year ending June 30 1906 (217 miles), gross, \$1,607,639; net, \$554,308; interest and sinking fund, \$330,081; balance, surplus, \$224,227. Pres., A. W. Foster; Vice-Pres., Geo. A. Newhall; Sec. and Auditor, Thos. McIlersh.—(V. 76, p. 751, 1142; V. 79, p. 680; V. 83, p. 271.)

**CALIFORNIA WESTERN RR. & NAVIGATION CO.**—Owns Ft. Bragg, Cal., to Alpine, 23 1/2 m. Mtge. provides for extension from Alpine to head of Noyo River, 9 m., thence to Willits, 9 1/2 m. Stock authorized, \$1,000,000; par, \$100. Mtge. covers also terminals, railroad wharf and 18,000 acres of timber land. Bonds are guaranteed, prin. and int., by Union Lumber Co., and redeemable at 105 at end of any year in reverse of numerical order. The present issue matures \$20,000 yearly, and remaining \$280,000 are to fall due in equal yearly instalments. Sinking fund, see V. 81, p. 1435. Pres., Frank Trumbull.—(V. 81, p. 1495.)

**(THE) CAMBRIA & CLEARFIELD RY.**—Cresson Jct. to Hoover's Mill Branch Jct., 50 m.; Bellwood to Horatio, 61 m.; Cresson to Irvona, 27 m.; Kaylor to Black Lick, 37 m.; Vall to Gramplon, 50 m.; Bradley Jct. to Cherry Tree, 18 m.; branches, 150 m.; total, 393 m. A consolidation Aug. 1 1903. V. 78, p. 828. Stock, \$4,835,912, all owned by the Pennsylvania RR. Co., which operates the road. A full abstract of the mortgage securing 5s of 1891 was in V. 52, p. 976. Of the bonds, \$634,000 first 5s and \$1,195,000 gen. 4s were on Jan. 1 1906 owned by the Penn. RR. For year ending Dec. 31 1905, gross, \$2,558,196; net, \$513,801; other income, \$40,546; int., taxes, &c., \$301,683; divs, \$144,881; bal., sur., \$107,784.—(V. 77, p. 298.)

**CAMDEN & BURLINGTON COUNTY RR.**—Owns from Camden, N. J., to Pemberton, N. J., 23 miles; branch, Burlington, N. J., to Mount Holly, 7 m.; total, 30 m. Operated by Penn. RR., which guarantees 6% on stock. Stock, \$381,925; par, \$25. In 1905, gross, \$269,549; op. def., \$6,039; loss to lessee under rental, \$43,454.—(V. 64, p. 373.)

**CANADA ATLANTIC RY.**—Owns Depot Harbor, Ont., on Georgian Bay, via Ottawa, to Vermont State line, 400 m.; trackage to Swanton, Vt., etc., 10 miles; lease for 99 years Central Counties Ry., Glen Robertson to Hawkesbury, 21 m., and South Indian to Rockland, 17 m.; owns greater part of stock of Pembroke Southern Ry. branch from Pembroke to Golden Lake, 21 m. (V. 82, p. 451, 1101); total, 468 m. The Grand Trunk acquired the road and took it over Sept. 30 1905. V. 81, p. 1174.

Canada Atlantic Transit Co., \$1,000,000 stock, operates steamers, Parry Sound to Duluth, Milwaukee and Chicago. V. 69, p. 954; V. 70, p. 279.

The 50-year 4s of 1905 (authorized issue, \$16,000,000; Royal Trust Co., Montreal, trustee) are guaranteed, principal and interest, by the Grand Trunk; \$2,908,000 is reserved to retire the outstanding bonds and the remaining \$2,000,000 for future requirements. V. 79, p. 967, 1131, 1641, 2454; V. 80, p. 1058, 1727, 2343.

In Oct. 1906 the Central Counties Ry. (leased line) proposed to apply to the Canadian Parliament for authority to extend the road, issue bonds therefor and lease, sell or amalgamate with other cos. V. 79, p. 2746; V. 83, p. 817. As to Pembroke Southern guaranteed bonds, see V. 82, p. 451, 1101.

**STOCK.**—\$6,200,000 common and \$1,000,000 preferred, all issued.

**REPORT.**—In 1905-06, gross, \$1,071,028; net above taxes and rentals, \$433,651; net earnings of steamships, &c., \$9,624; int. on bonds, \$591,701; taxes, \$24,580; bal., def., \$173,006.—(V. 83, p. 36, 817.)

**CANADA MICHIGAN & CHICAGO.**—Bonds worthless. V. 63, p. 838.

**CANADA SOUTHERN RY.**—(See Maps N. Y. Cent. & Hud. Riv. RR.)—

**ROAD.**—Main line from Suspension Bridge station, including the Cantleaver Bridge, to Windsor, Ont., 226 m.; branches to Courtright, Ont., &c., 231 m.; total, 457 m., of which 85 miles are nominally owned by proprietary companies. Trackage, St. Thomas to London, Ont., 15 m. Double track, 152 m. Detroit River Tunnel, under construction, see Michigan Central RR.

RAILROADS. For explanation of column headings, &c., see notes on first page of tables.	Miles of Road.	Date of Bonds.	Size, or Par Value.	Amount Outstanding	INTEREST OR DIVIDENDS.			Bonds—Princ- pal, When Due Stocks—Last Dividend.
					Rate %	When Payable.	Where Payable, and by Whom.	
Camden & Burlington County—Stock 6% guaranteed	30	---	\$25	\$381,925	6	J & J	Broad St Station, Phila	July 1906 3%
First M gold guar p & l by Un N J RR & CanCoGP.c*	30	1897	1,000	350,000	4 g	F & A	do do	Feb 1 1927
Canada Atlantic—1st M gold Ottawa to Lacolle &c.Fc*	138	1889	1,000	3,450,000	5 g	J & J	Bank Mont, N Y & Mont.	Jan 5 1909
Consol 1st M \$16,000,000 gold guar prin & interest	---	1905	\$ & £	4,981,000	4 g	J & J	do do & Lond.	Jan 1 1955
Ottawa Arnprior & Parry Sound first mortgage	261	---	---	1,000,000	5	---	---	---
Penbrooke Southern first mortgage guaranteed	---	1906	---	150,000	4	M & S	---	Sept 1 1956
Central Counties first mortgage interest rental	38	---	---	380,000	5	---	---	---
Canada Mich & Chicago—1st M. See V. 63, p. 838	---	---	---	1,000	---	---	---	---
Canada Southern—Stock	459	---	---	15,000,000	See text.	F & A	Grand Cent Station, N Y	Aug 1 1906 1 1/2%
First M \$14,000,000 (Can money). See V 63, p 188	404	1878	1,000	14,000,000	5	J & J	Union Trust Co, N Y	Jan 1 1908
Second M for \$6,000,000 (Can money) do c&r	404	1883	1,000 &c	6,000,000	5	M & S	do do	March 1 1913
Leamington & St Clair 1st M gold guar p & l (end).c*	16	1895	1,000	130,000	4 g	A & O	Bank of Montreal, Mont	Oct 1 1945
Canadian Northern Ontario—Deb stock \$20,000 per m	---	1906	---	See text.	3 1/2	---	---	July 10 1936
Canadian Nor—L Man Ry & Can Co \$8,000 p m	125	1896	£100	£53,100	4	---	---	Aug 1 1926
Canadian Nor & Man Divs \$8,000 p m	287	'90-'99	£100	£415,600	4	---	---	Feb 1 1929
Gilbert Plains Branch \$8,000 per mile	27	1900	£100	£6,200	4	---	---	Nov 1 1930
Ontario Div 1st M deb \$46,200 are 4 1/2s	287	1901	£100	£1,208,000	4 & 4 1/2 g	J & D 30	London and Toronto	June 30 1930
Manitoba Branch lines	---	---	---	\$101,000	4	J & D 30	---	June 30 1930
1st cons deb M (Man lines) \$10,000 p m.c&r	---	1904	£ & \$	£2,039,700	4	J & D 30	London, Toronto & N Y	June 30 1930
Manitoba lines second mortgage	---	---	---	354,000	---	---	---	June 30 1930
Gunflint Branch bonds \$10,000 per mile	67	1903	1,000	669,000	4 1/2	---	---	June 30 1930
Erwood extension bonds	---	---	---	693,900	4 1/2	J & D 30	---	June 30 1930
Manitoba Provincial bonds, \$8,000 per mile	---	---	---	349,000	4	---	---	Oct 1 1930
Perpetual consol deb stock (V 81, p 1609)	---	---	---	£2,240,000	4	J & D 30	London, Eng	Irredeemable
First M deb stock \$13,000 p m guar by Canadian Gov	---	1903	---	£1,923,287	3	M 31-S30	do	July 10 1953
Qu'Appelle Lake & Sask deb stock £1,050,000 guar	249	1906	---	See text.	4	J & J	---	July 1 1936
First land grant M redeem 110 (V 75, p 183, 549)	---	---	---	\$2,000,000	4 g	F & A	Nat Tr Co, Tor or Lond	Feb 1 1919
Imperial Rolling Stock 1st M ser A part due yearly	---	1902	\$1,000	1,060,148	5 g	M & N	C Bk of Com, NY; or Tor	Nov 1 1906-'12
do do ser B to F \$210,000 due yearly	---	1903	\$ or £	1,470,000	5	F & A	do or London, Eng	Aug 1 1907-'13
do do ser G \$45,000 due yearly	---	1904	\$ or £	405,000	5	M & S	do Toronto or Lond	Sept 1 1906-'14
do do ser H \$60,000 due yearly	---	1904	---	540,000	---	---	do do	1906-1914
do do ser K \$100,000 due yearly	---	1905	500 &c	900,000	4 1/2	A & O	N Y, Toronto or London	Oct 1 1907-'15
do do ser L \$250,000 due yearly	---	1906	---	2,200,000	4 1/2	J & D	do do	June 1 1908-'16
Can. Nor. Quebec—Gt. Nor. cons M \$7,962,000 (text) Ce	---	1905	---	4,962,000	4	A & O	New York	April 1 1935
Perpetual debenture stock (see text)	---	---	---	See text.	4	Semi-an.	---	Perpetual
Canadian Pacific—Stock \$150,000,000 authorized	---	---	---	See text.	See text.	A & O	Lond & 59 Wall St, N Y	Oct 1 1906 3%
Preferred stock limited to 4% non-cumulative	---	---	---	37,853,333	4	A & O	Company's Office, Lond	Oct 1 1906 2%
Canada Central RR second mortgage (now first)	269	1880	£100	973,333	6	Various	Montreal	Nov 1 1910
Canadian Pacific first mortgage debentures sterling	3,221	1885	£100 &c	34,998,633	5 g	J & J	Barling Bros & Co., Lond.	July 1 1915

ORGANIZATION, &c.—The company was chartered in Canada Feb. 28 1868, and debt readjusted in 1878. In 1903 made a new lease to Mich. Cent. for 999 years, the latter guaranteeing dividends on the stock at 2 1/2% yearly to 1910, thereafter 3%; also authorizing a mortgage to retire existing bonds and pay for improvements. V. 76, p. 1191, 1247; V. 77, p. 950. —(V. 80, p. 2457; V. 82, p. 568, 927.)

CANADIAN NORTHERN ONTARIO RY.—Toronto, Ont., Can., to Sudbury, 268 miles, about completed July 1906. Name changed from James Bay Ry. June 30 1906. V. 83, p. 154, 212; V. 79, p. 903, 2697. It was reported that 3 1/2% bonds or debenture stock, due July 10 1936, will be issued, at the rate of \$20,000 per mile, the issue being secured by deed of trust to National Trust Co. of Toronto and the British Empire Trust Co. of London, and guaranteed, principal and interest, by the Ontario Government. V. 83, p. 212. —(V. 83, p. 154, 212.)

CANADIAN NORTHERN QUEBEC RY.—Owns main line between Riv-a-Pierre, on line of Quebec & Lake St. John Ry., to Hawkesbury on the Canada-Atlantic Ry., 169 miles; branches, 39 m.; Joliette to Montreal, 37 m.; total, 245 m. In March 1906 extension from Garneau Jet. to Quebec, 90 m., and branch from Montfort Jet. to Saint Jerome, 20 m., were reported to be let. Owns elevator car shops at Quebec, &c. V. 71, p. 1220. Stock, com., \$4,550,000; pref., \$3,450,000; over two-thirds being owned by Great Northern Ry. of Canada.

Amalgamation July 1906 of Great Northern Ry. with Chateaugay & Northern and the Quebec New Brunswick & Nova Scotia Railway, the latter projected from Quebec to Quebec Bridge and thence through Maine to a point near Moncton, N. B., thence through Westmoreland and Cumberland counties to Pugwash and New Glasgow, &c. V. 83, p. 271. On June 11 1906 the Quebec New Br. & Nova Scotia filed a mortgage. V. 82, p. 986; V. 79, p. 2696; V. 83, p. 155.

The Great Nor Ry 4s of 1905 (\$7,962,000 authorized per plan V. 79, p. 2795, are subject to call at par during ten years from date. Of the bonds, \$4,962,000, guar. prin. and int. by Canadian Northern Ry., were issuable to retire old bonds and pay off other liens and debts, and remaining \$3,000,000, at not over \$20,000 per mile, for additional mileage. Sult on Great Nor. Elev. mtge., V. 81, p. 1315.

The shareholders were Oct. 22 1906 to authorize an issue of 4% perpetual debenture stock guaranteed by the Canadian Northern, limited to an amount sufficient to provide for old bonds issued by Great Northern and Chateaugay & Northern and Quebec New Brunswick & Nova Scotia, and not exceeding \$20,000 per mile hereafter constructed or acquired. V. 83, p. 751.

Pres., D. B. Hanna, Toronto; 1st V.-P., James McNaught, 35 Nassau St., N. Y. —(V. 83, p. 155, 271, 751.)

CANADIAN NORTHERN RY.—Operates from Port Arthur, Ont., on Lake Superior, to Winnipeg, and thence into Northwestern Canada.

Miles.	Miles.
Port Arthur to Winnipeg	439
Winnipeg to Grand View	207
Stanley Jet. to Gunflint	67
Carman Jet. to Learys	63
Winnipeg to Gilbert Plains Jet.	181
Gilbert Plains Jet. to Melfort	298
Rosburn Jet. to Clanwilliam	21
Arizona Jet. to Brandon Jet.	51
Brandon Jet. to Carberry Jet.	23
Delta Jet. to Delta	15
Neepawa Jet. to McCreary Jet.	70
Gilbert plains Jet. to Humboldt	244
Sifton Jet. to Winnipegosis	21
Portage Jet. to Pembina	63
Morris to Brandon	145
Hartney Jet. to Hartney	51
Emerson to Rldgeville	12
Greenway to Adelphi	52
Oak Point Jet. to Oak Point	54
Winnipeg Transfer line	6

Total, June 30 1905 (including 351 miles leased from N. P.)

Extension of 620 miles from Grandview to Edmonton and 100 miles from Prince Albert easterly, were completed late in 1905. Between 300 and 400 miles of branch lines in Manitoba; other lines contemplated will bring total mileage approximately to 2,788 miles. Mileage operated Nov. 1905, 2,099 miles. See BONDS below and V. 79, p. 2696.

In Aug. 1906 the Qu'Appelle Long Lake & Saskatchewan RR. & Steamboat Co., Regina to Prince Albert, 249 miles, was acquired, the £3,809,140 outstanding bonds being offered £107 per £100 bond in 4% debenture stock guaranteed, prin. and int., by Canadian Northern Ry., and the £275,000 certificates for unpaid interest £30 per £100 in the debenture stock. The road will be operated on expiration of lease to Canadian Pacific on June 1 1907. See V. 83, p. 214, 324, 688.

ORGANIZATION.—William Mackenzie of Toronto, Senator George A. Cox and the Canadian Bank of Commerce are floating the enterprise.

The Great Northern Ry. of Canada (now Canadian Northern Quebec Ry.) passed in 1903 under control of Northern Consolidated Holding Co., and will afford a through line to Quebec and Montreal. See Canadian Northern Quebec Ry. and V. 76, p. 704; V. 79, p. 151, 2454.

The Manitoba lines of the Northern Pacific Ry., 351 miles, are sublet from the Provincial Government for 999 years from May 30 1901 at \$210,000 annually for first 10 years, then \$225,000 for 10 years, then \$275,000 for 10 years, and thereafter \$300,000, with option of purchase for \$7,000,000. Manitoba Government has option to purchase entire property in 1929. See below and V. 72, p. 437; V. 73, p. 615.

LAND GRANT.—Of the entire land grant, 2,455,466 acres, about 363,000 are held for account of Manitoba Government in connection with guarantees, 533,000 for account of Dominion Government as security for a mail contract subsidy, the remaining 1,500,000 to be sold from time to time through a selling agency; V. 76, p. 1083. See V. 75, p. 183, 549; V. 81, p. 263.

STOCK.—June 30 1905, authorized, \$30,750,000; par, \$100; all paid.

BONDS.—On Winnipeg and Saskatchewan divisions there have been issued first mortgage bonds, guaranteed principal and interest, by the Government of Manitoba, at \$8,000 per mile; also second mortgage bonds, unguaranteed, \$2,000 per mile. See V. 75, p. 1353; V. 71, p. 235.

In July 1903 Canadian Government guaranteed 50-year first mortgage 3% debenture stock, at \$13,000 per mile, for the construction of 620 miles from Grandview to Edmonton and 100 miles from Prince Albert easterly. V. 80, p. 1234; V. 76, p. 1299.

In Dec. 1904, \$4,866,666 (£1,000,000) first consolidated mortgage debentures on Manitoba lines, guaranteed, principal and interest, by Government of Manitoba, were sold, being part of an authorized issue at \$10,000 per mile. V. 80, p. 116; V. 78, p. 1274; V. 79, p. 2794; V. 81, p. 1607. In

March 1906 \$577,500 additional was listed in London. V. 82, p. 568. In March 1906 branch line bonds were offered the option of exchange for 1st consol. deb. 4s. V. 82, p. 691.

In Jan. 1905 the Manitoba Government was asked to guarantee \$2,890,000 additional bonds, viz.: \$1,000,000 for Winnipeg terminals, a line to Oak Point on Lake Manitoba and bridge over Assiniboine River and \$1,890,000 for 189 miles of branches. V. 80, p. 710.

The Ontario Division 4 1/2s (see V. 72, p. 338, 437) were mostly in 1902 exchanged for 4s, guaranteed, principal and interest, by the Government of Manitoba. V. 74, p. 882; V. 75, p. 1398; V. 71, p. 235.

In 1903-1905 £2,240,000 perpetual consolidated debenture stock was issued to acquire securities of controlled properties. V. 76, p. 1247; V. 77, p. 87; V. 80, p. 996; V. 81, p. 609. As to Imperial Rolling Stock 5s of 1902, see V. 75, p. 1353; of 1903, V. 77, p. 1746, 1873; of 1904, V. 79, p. 1641; of 1906 V. 82, p. 1267. See also V. 81, p. 1550.

Great Northern Ry. of Canada bonds are guaranteed. V. 79, p. 2454. also Canadian Northern Quebec perpetual debenture stock. V. 83, p. 751.

EARNINGS.—2 mos. } 1906 ----- Gross, \$1,198,700; net, \$398,000  
 July 1 to Aug. 31. } 1905 ----- Gross, 753,000; net, 254,000

REPORT.—Report for year ending June 30 1905 was in V. 81, p. 1607, showing gross, \$4,190,211; net, \$1,545,482; charges, \$1,128,779; surplus, \$416,703. In 1903-1904, gross, \$3,242,702; net, \$1,121,930.

Pres., William Mackenzie; Vice-Pres., D. D. Mann; Treas., A. W. Mackenzie; Sec., W. H. Moore. Office, Toronto, Can. Directors—Wm. Mackenzie, D. D. Mann, Z. A. Lash, Frederic Nicholls and J. M. Smith.—V. 82, p. 1267; V. 83, p. 154, 271, 322, 435, 625, 751.)

CANADIAN PACIFIC RY.—ROAD.—Owns a trans-continental railway from Montreal to the Pacific Ocean, made up as follows July 1 1906:

Montreal to Vancouver	2,905	Under construction July 1 1906
Branches and auxiliaries	2,261	Operated account of owners
Leased lines	3,518	Also controlled but oper. sep.—
Used jointly	93	aMinn. St. P. & Sault Ste. M. 2,153
		aDuluth South Shore & Atlantic 593

Total in traffic returns, 8,777 a See each company's statement.

HISTORY, ETC.—Incorporated Feb. 18 1881 under charter from Dominion of Canada, receiving \$25,000,000 in cash as a subsidy, also 25,000,000 acres of land, all to be fit for settlement. In Feb. 1903 15 steamships for trans-Atlantic service were purchased for £1,417,500, and in June 1903 acquired Canadian Pacific Navigation Co., operating to Alaska and Vancouver Island points. V. 76, p. 435, 479, 1354.

STOCK.—The issue of preferred must never exceed one-half the common stock. In 1902 the common stock was increased from \$65,000,000 to \$85,000,000 and in Oct. 1904 was authorized to be increased to \$110,000,000 of the new stock \$16,900,000 being sold to stockholders at par, raising the amount outstanding to \$101,400,000. The stockholders voted March 19

1906 to increase the common stock to \$150,000,000. Of the new stock \$20,280,000 was offered to the stockholders pro rata at par, payable in five equal instalments on July 26, Sept. 26, Nov. 26 1906 and Jan. 25 1907, increasing the amount outstanding to \$121,680,000. The new stock will be entitled to dividends for half-year ending Dec. 31 1906. V. 82, p. 333, 691.

DIVS.—90-'94 '95. '96. '97. '98. '99. '00. '01. '02. '03. '04. '05. 1906. Com. % 15 yrly. 0 2 1/2 2 1/2 4 1/2 4 5 1/2 5 5 1/2 6 6 Apr., 3  
 Pref. % Issued in 1894. 4% yearly (2% A. & O.)

\* Also 1% extra to be paid in 1907 from interest on land sales, viz., 1/2% Apr. 1 and 1/2% Oct. 1. See V. 83, p. 817.

BONDS, DEBENTURE STOCK, GUARANTEED BONDS, ETC.—

List of securities held against consolidated debenture stock in V. 83, p. 501.

In June 1890 company agreed to guarantee the principal and interest of \$20,000,000 4% bonds to be issued by the Dul. South Shore & Atl.; also 4% interest on consolidated bonds of the Minneapolis St. Paul & Sault Ste. Marie, and in 1899 interest on the second mortgage 4s of the latter, and in 1901 interest on \$1,254,000 Mineral Range 4% bonds, the last-named being all owned June 30 1906. See V. 50, p. 874; V. 51, p. 239; V. 52, p. 608; V. 68, p. 669, 770; V. 73, p. 550. Owns Dul. S. S. & Atl. consols. \$15,107,000.

St. Lawrence & Ottawa bonds are endorsed with the Canadian Pacific's acceptance of a 999 years' lease at a rental sufficient to pay 4% interest on bonds, and the bondholders' agreement to accept interest at 4% (instead of 6% as formerly), and to refrain from demanding principal (due 1910) during continuance of lease.

The New Brunswick Railway consolidated debenture stock has interest guaranteed by Canadian Pacific; interest on the first mortgage bonds, though not guaranteed, is paid out of rental under 990-year lease of 1890.

The Calgary & Edmonton Ry. debenture stock is guaranteed interest at 4% under new lease of 1903. V. 76, p. 435; V. 77, p. 636.

The Lindsay Bobcaygeon & Pontypool Ry. bonds are issued under a 99-year lease covering the interest. V. 77, p. 1225; V. 79, p. 2085.

In Feb. 1906 it was proposed to apply for authority to guarantee Toronto Union Station Co. bonds. V. 82, p. 451.

Car trusts outstanding June 30 1905, \$3,012,196.

LANDS.—Lands unsold June 30 1906 were 9,501,733 acres of Canadian Pacific grant and 237,545 acres of Manitoba South Western grant, 108,697 Great North-West Central grant, 3,499,378 British Columbia Southern and 125,997 acres of Columbia and Kootenay grant; total, 13,473,350 acres. In addition there will be acquired through the Columbia & Western Ry. about 2,500,000 acres. Total sales in 1905-06, 1,115,743 acres, for \$6,513,452. Tax decision, Feb. 27 1905, V. 80, p. 996. In Feb. 1906 about 500,000 acres were sold for \$2,080,000, payment to be made in instalments to 1909. V. 82, p. 451.

GENERAL FINANCES.—In 1902 stockholders subscribed to \$19,500,000 new common stock at par, in 1904 to \$16,900,000 and in March 1906 \$20,280,000 was offered at par payable during the year. V. 74, p. 378; V. 82, p. 333, 691.

Stockholders on Oct. 3 1906 authorized the issue of consolidated debenture stock at not over £3,000 per mile, to construct various branches, aggregating 136 miles; also the lease of certain lines. V. 83, p. 500, 817. In Aug. 1905 double-tracking between Fort William, Ont., and Winnipeg,

RAILROADS. For explanation of column headings, &c., see notes on first page of tables.	Miles of Road.	Date of Bonds.	Size, or Par Value.	Amount Outstanding	INTEREST OR DIVIDENDS.			Bonds—Prin- cipal, When Due. Stocks—Last Dividend.
					Rate %	When Payable.	Where Payable, and by Whom	
<b>Canadian Pacific (Concluded)</b>								
Canadian Pacific—								
First mortgage on Algoma Branch gold...c* & Consolidated perpetual debenture stock.....	183	1888	£100 &c	\$3,650,000	5 g	J & J	Barling Bros & Co, Lond.	July 1 1937
Securities of Principal Leased, Etc., Lines.	---	1889	£1 &c	89,200,549	4	J & J	Company's Office, Lond.	Irredeemable.
Manitoba S W Col Ry \$12,000 per mile int gu., gold	218	1884	\$1,000	\$2,544,000	5 g	J & D	London & 59 Wall St, NY	June 1 1934
Atlantic & Northwest—1st mortgage gold guar...c* & St Lawrence & Ottawa—first mortgage gold sec text	350	1887	£100 &c	£1,330,000	5 g	J & J	Barling Bros & Co, Lond.	Jan 1 1937
Ontario & Quebec stock guaranteed in perpetuity	58	1876	£50 &c	£200,000	(6) 4	J & D	Can Pac Office, London	See text.
Ontario & Quebec debent interest guar in perpetuity	---	---	£100	£2,000,000	6	J & D	Montreal and London.	June 1906 3%
Toronto Grey & Bruce 1st M gold, interest as rental	671	---	£1	£4,007,381	5	J & D	Morton, Rose, London.	Irredeemable.
New Brunswick Ry 1st M gold int from rental....c*	191	1883	£100	£719,000	4 g	J & J	Toronto and London.	July 26 2882
Perpetual consol debenture stock, interest guar	174	1884	£100	£630,000	5 g	F & A	London	Aug 1 1934
Calgary & Edmonton deb stock gold interest as rent	---	1890	£1	£858,300	4	J & J	do do	Irredeemable.
Branchline bonds \$1,040,000 (owned by Can. Pac.)	---	1890	---	£1,121,700	4 g	J 3 & J	Can Pac Office, London.	2002
Lindsay Bobcayg & Pontypool 1st M \$700,000 gold	52	1905	\$1,000	\$1,040,000	4	J & J	Can Pac Office, Montreal	1955
Min St P & Sault Ste Marie and Duluth So Shore & Atlantic—S	40	1903	1,000	500,000	4 g	J & J	Bank of Montreal, Toron.	July 1 2002
Cane Belt—1st M \$3,000,000 red'able after 5 yrs gold.	All	1901	1,000	750,000	5 g	J & D	New York or St Louis	June 1 1921
Carolina Central—Bonds—See Seaboard Air Line Ry.								
Carthage & Adir—1st M \$1,600,000 gold gu. Un.c* & Carthage Water & Sack Har—1st M gold guar p&l end	46	1892	1,000	1,100,000	4 g	J & D	Grand Cent Station, N Y.	Dec 1 1981
Catasauqua & Fogelsville—First mortgage g...PeP.c* & Catawissa—Pref stocks 5% guar P & R Ry. See text	29	1891	1,000	300,000	5 g	J & J	do do	July 1 1931
First consol mortgage \$2,215,000 gold...PeP.c*	---	1898	1,000	135,000	4 g	J & J	Philadelphia, Pa.	July 1 1928
Catskill Mt'n.—1st M, (\$2,000 not ext. from 1905)...	98	---	50	3,200,000	5	M & N	Company's Office, Phila	May 19 1906 2 1/2%
First income bonds.....	103	1898	1,000	2,215,000	4 g	A & O	do do	April 1 1948
Cayuga & Susquehanna—Stock 9% rental D L & W	16	1885	1,000	39,000	5	F & A	Tan Nat Bk, Catskill, N Y	Aug 1 1915
Cedar Rapids Iowa Falls & Northwestern—See Chicag o Rock Islan d & Pacl fic Ry and	---	1885	100 &c	238,000	6	---	5,828 1/2% paid in Sept. '06	Aug 1 1915
Central Branch—Cent Branch U P 1st M gold...Un.c*	34	---	30	589,110	See text	J & J	52 Wall Street, New York	July 1906 4 1/2%
Central Branch first mortgage guaranteed gold...Me	100	1898	1,000	2,500,000	4 g	J & D	Mercantile Trust Co, N Y	June 1 1948
Central of Georgia Ry 1st M \$7,000,000 gold...G.c* & Consolidated mortgage \$18,500,000 gold...Me.c* & Mohle Div 1st M (Columbus to Andalusia) gold. G.c*	288	1899	1,000	3,459,000	4 g	F & A	do do	Feb 1 1919
Macon & Nor Div 1st M \$840,000 gold...M.B.a.c*	312	1895	1,000	7,000,000	5 g	F & A	Guaranty Trust Co, N Y	Nov 1 1945
Ocon Div 1st M Brewton to Dover \$6,000 p m...S.c*	1,471	1895	1,000	16,700,000	5 g	M & N	do do	Nov 1 1945
Mid Georgia & Atl Div 1st M \$9,000 p m cur...G.c*	138	1895	1,000	1,000,000	5 g	J & J	do do	Jan 1 1946
Eatont Branch 1st M not guar by Cent Ga gold...Text	102	1895	1,000	840,000	5 g	J & J	do do	Jan 1 1946
Chattanooga Div purch money M \$2,400,000 g...S.c*	77	1901	1,000	462,000	5 g	J & D	do do	Dec 1 1945
Chattanooga Rome & So 1st M \$500,000 gold. U.c*	21	1896	500	168,000	5 g	J & J	Savannah, Ga.	June 1 1926
	164	1901	1,000	2,057,000	4 g	J & D	Guaranty Trust Co, N Y	June 1 1951
	138	1897	1,000	343,000	5 g	J & J	Union Trust Co, N Y	July 1 1947

**CANADIAN PACIFIC RY. (Concluded)**—427 miles, was begun, at a cost of about \$10,000,000. V. 81, p. 667, 1170. In July 1906 the last of the \$15,000,000 land grant bonds was paid off, leaving the lands unencumbered; on June 30 1906 the balance due on account of land sales was \$16,382,000, on which 6% interest is received. This interest will be used to pay extra dividends on the common stock; 1% to be paid during 1907. V. 83, p. 817.

**EARNINGS.**—2 mos., 1906.....Gross, \$12,138,420; net, \$4,834,390 July 1 to Aug. 31. 1905.....Gross, 9,425,909; net, 3,429,424

**ANNUAL REPORT.**—Fiscal year ends June 30. Annual meeting is held at Montreal on the first Wednesday in October. The report for 1905-06 in full was in V. 83, p. 489, 500. See also editorial, p. 466.

Miles operated end of year.....	8,777	8,568	8,332
Passenger earnings.....	\$16,041,616	\$13,583,052	\$12,418,419
Freight.....	39,512,973	31,725,290	29,235,821
Mall, express and miscellaneous.....	6,115,169	5,173,540	4,814,892

Total earnings.....	\$61,669,758	\$50,481,882	\$46,469,132
Net earnings.....	\$22,973,312	\$15,475,088	\$14,213,105
Interest received.....	1,969,447	1,584,664	1,691,269

Fixed charges.....	\$24,942,759	\$17,059,752	\$15,904,374
For steamships, &c.....	\$8,350,545	\$7,954,066	\$7,586,097
Dividends on common stock.....	580,000	230,000	230,000
Dividends on preferred stock.....	(6) 6,084,000	(6) 5,577,000	(6) 5,070,000
	(4) 1,660,133	(4) 1,514,133	(4) 1,352,073

Balance, surplus..... \$8,268,082 \$1,784,553 \$1,666,204  
—(V. 82, p. 568, 691, 1267; V. 83, p. 376, 489, 500, 817, 890.)

**CANE BELT RR.**—Sealy to Matagorda, 93 miles. Branch to Garwood, 9 miles, building. Lincoln Trust Co. of St. Louis is the mortgage trustee. Bonds are issuable at \$15,000 per mile, but all bonds above the \$750,000 now outstanding will be in subordination to the lien of the latter on the present mileage. V. 77, p. 2338. Stock, \$100,000, all acquired in Nov. 1903 by Atchison Topeka & Santa Fe, which leases the road for 50 years from July 1905. V. 77, p. 2097. Year ending June 30 1905, gross, \$223,810; net, \$47,611.—(V. 77, p. 2338.)

**CAROLINA & NORTHWESTERN RY.**—Owns standard-gauge road, Chester, S. C., to Lenor, N. C., 110 m. Controls Caldwell & Northern Lenor to Edgemont, N. C., 25 m. Reorg. in 1897 of Chester & Lenor, foreclosed.

In Mch. 1900 nearly all stock was acquired by a syndicate. Stock authorized, \$1,000,000 each of com. and 4% non-cum pref.; outstanding, July 1905, \$854,250 com. and \$550,000 pref. stock. Of the 50-year 1st gold 5s due July 1 1953 (Standard Trust Co. of New York, trustee), \$1,500,000 were used to retire all underlying bonds and \$1,000,000 are applicable to extensions, new equipment, &c. Year 1904-05 (110 m.), gross, \$268,527; net, \$106,539; total deductions, \$83,864; bal., sur., \$22,675. Pres., Wm. A. Barber, 5 Nassau St., N. Y. —(V. 70, p. 893, 1095; V. 76, p. 541; V. 77, p. 348.)

**CARTHAGE & ADIRONDACK RY.**—(See Maps N. Y. Central.)—Owns from Carthage to Newton Falls, N. Y., 46 m. The entire stock, \$500,000, is owned by the N. Y. Central RR., which in May 1893 leased the property in perpetuity and guaranteed its \$1,600,000 bonds, of which \$500,000 were for extensions, &c.—(V. 57, p. 218.)

**CARTHAGE WATERTOWN & SACKETT'S HARBOR RR.**—(See Maps N. Y. Central.)—Owns from Carthage to Sackett's Harbor, N. Y., 29 miles. Controlled by N. Y. Central, which owns \$484,100 of the stock and guarantees the bonds. Leased to R. W. & O. for 37 1/2% of gross earnings. Rental in cal. year 1905, \$44,615; 1904-05 (ending June 30), \$44,855; in 1903-04, \$42,090; in 1902-03, \$42,525. Capital stock, \$465,845 common and \$21,500 preferred.

**CATASAUQUA & FOGELSVILLE RR.**—Road from Catasauqua, Pa., to Rittenhouse Gap, Pa., 29.5 m. Opened in 1857; in 1890 the Phila. & Read. acquired control through ownership of a majority of the capital stock of \$426,000 (par, \$25). Of the stock \$254,125 is owned by Reading Co., \$251,625 being deposited as part security for Read. gen. mort. of 1897. Divs. paid in 1903-04, 7%; in 1904-05, 8%; in 1905-06, 8%. For year ending June 30 1905, gross, \$117,638; net, \$63,938; deductions, \$11,533; dividends \$29,883; bal., sur., \$22,522.—(V. 81, p. 1492.)

**CATAWISSA RR.**—Owns from Tamaend, Pa. to Newberry Jct., Pa., 98 m., and branches, 6 m. Re-leased Dec. 1 1896 for 999 years to Phila. & Read. Railway. Rental, int. on bonds, 5% dividends on pref. stock, all taxes and \$8,000 for organization expenses. See also V. 63, p. 969, 1116. Of the pref. stocks, in 1905 \$2,200,000 was first preferred and \$1,000,000 second preferred, and common was \$1,159,500; par \$50.—(V. 72, p. 1187.)

**CATSKILL MOUNTAIN RY.**—Owns narrow-gauge road from Catskill, up the Catskill Mountain, to Palenville, N. Y., 16 m.; leases Calro RR., Calro Jct. to Calro N. Y., 4 m.; total, 20 miles. Stock, \$80,000. There are also second incomes for \$15,000, 6%. First incomes have one vote for each \$100. Div. on 1st incomes, 5.8281%, paid Sept. 1906, the first since 1897. V. 83, p. 817. **EARNINGS.**—Year ending June 30 1906, gross, \$75,303; net, \$29,257; interest, &c., \$16,205.—(V. 83, p. 817.)

**CAYUGA & SUSQUEHANNA RR.**—Owns from Susquehanna River to Ithaca, N. Y., 34 m. Leased during length of charter and renewals thereof to the Delaware Lack. & Western at a rental of \$54,600 a year. Divs. paid are 9% yearly, with an occasional extra amount; in 1904 9 1/2% was paid.

**CENTRAL BRANCH RY.**—(See Map Missouri Pacific.)—Owns Lenora to Atchison, Kan., 293 m.; Jamestown to Burr Oak, Kan., 33 m.; branches, 62 m. Stock, \$7,585,000. The \$3,459,000 1st 4s of 1899 are guaranteed, prin and int., by the Mo. Pac. (see V. 68, p. 329). Form of guaranty, V. 70, p. 279. For year ending June 30 1906, gross, \$1,876,944; net, \$793,739; other receipts, \$7,669; interest, \$238,360; taxes, \$108,511; improvements, \$11,502; balance, surplus, \$442,945.—(V. 73, p. 31.)

**CENTRAL COUNTIES RY.**—See Canada Atlantic Ry.

**CENTRAL OF GEORGIA RY.**—(See Map.)—System includes:

<i>Lines owned in fee.</i>	<i>Miles.</i>	<i>Lines leased—(see these cos.)</i>	<i>Miles.</i>
Savannah to Atlanta.....	205	Southwestern RR.—	
Gordon to Porterdale.....	86	Macon to Eufaula.....	144
Columbus to Birm'gham, Ala.....	156	Fort Valley to Perry.....	12
Columbus to Americus.....	62	Fort Valley to Columbus.....	71
Montgomery to Eufaula, Ala.....	80	Smithville to Columbia.....	85
Columbus to Greenville, Ga.....	49	Cuthbert to Fort Gaines.....	21
Opelika to Roanoke.....	36	Augusta & Savannah RR.—	
Eufaula to Ozark.....	60	Millen to Augusta.....	53
Griffin, Ga., to Chat., Tenn. &c.....	198	Chattahoochee & Gulf RR.—	
Chickamauga to Durham.....	18	Columbia to Lockhart.....	91
Savannah to Tybee.....	18	Trackage.....	1
Columbus to Andalusia.....	138		
Macon Junction to Athens.....	102	Total oper. Nov. 1906.....	1,914
Brewton to Dover.....	77		
Barnesville to Thomaston.....	16	Also Merdrlm to Lyons, 58 miles	
Lyerly Branch.....	9	(leased to Geo. & Ala. Ry.—	
Upper Cahaba branch.....	10	Seaboard Air Line sys.)	
Greenville to Raymond.....	24	Ocean Steamship Co., estimated	
		equivalent of.....	300

Total owned (and oper.)... 1,410  
Extension from Greenville to Raymond, Ga., under charter of Greenville & Newnan Ry., 24 m., will be opened Nov. 1906; the line from Columbus to Greenville, 49 m., being made standard gauge; a 10 1/2-mile branch from near Leeds, Ala., to coal fields was opened July 1 1906. V. 80, p. 2457; V. 81, p. 210. The Georgia Central & Gulf Ry. was incorporated on June 30 1906 to build from Albany, Ga., to Apalachicola, 157 miles, affording a line from Atlanta via Macon and Albany to the Gulf of Mexico.—V. 83, p. 95.

**ORGANIZATION.**—Organized Oct. 17 1895 and Nov. 1 succeeded to the properties of the Central RR. & Banking Co. of Georgia, foreclosed, per plan in V. 60, p. 1008, and V. 61, p. 68. Chattanooga Rome & Southern was merged June 1 1901. V. 72, p. 674, 721, 987, 1134.

**STOCK.**—\$5,000,000 held by interests allied with Southern Ry.  
**BONDS.**—The first mortgage of 1895 (described in V. 63, p. 1160) is a first lien on the main line from Atlanta to Savannah, including the Milledgeville branch (312 m. in all), all equipment and appurtenances, and the equity in \$1,995,000 of the capital stock of Ocean Steamship Co. of Savannah. No div. was paid on Ocean Steamship stock in 1906. V. 83, p. 384.

Application for listing firsts and consols. in V. 63, p. 1160.  
The consolidated mortgage (see abstract in V. 61, p. 873; also see V. 63, p. 1160) is a first lien upon 600 m. (including former Mont. & Eufaula RR., Sav. & Western and Sav. & Atl.); also on the leases of the South Western and Augusta & Savannah roads and the stock of New England & Savannah Steamship Co., and a second lien upon the main line, its equipment, &c. and also on the Macon & Northern, Mobile & Girard, and other divisions. It also covers all leaseholds, securities, &c. It may be increased to \$18,500,000, at not more than \$500,000 in any one year, for betterments and equipment.

**Macon & Northern Division** bonds are also direct obligations of the Central Ry., with first lien from Macon Jct. to Athens, Ga., 102 miles.  
**Middle Georgia & Atlantic Division** bonds are issued at \$9,000 per mile of which \$8,000 was for purchase of road and \$1,000 retained by Cent. of Ga. for betterments; subject to the Eatont Branch bonds, \$168,000 on 21 miles, the firsts of 1897 cover the 65 miles of M. Ga. & At. Division.—(V. 65, p. 823; V. 64, p. 180; V. 65, p. 324.)

The preference income bonds, subject to the prior mortgages, cover the main line and the former Savannah & Western, Columbus & Rome, Montgomery & Eufaula, Mobile & Girard, Macon & Northern and Savannah & Atlantic and other railroads, and their equipment, &c.; also all leaseholds, securities and equities of properties acquired by the new company. They are non-cumulative and bear interest not exceeding 5% in any one fiscal year, but payable only out of net earnings as declared and secured by the deed of trust. In Oct. 1905 it was arranged to attach coupons to income bonds. V. 81, p. 974, 1174

<b>DIVIDENDS.</b> —	'96.	'97.	'98.	'99.	'00.	'01.	'02.	'03.	'04.	'05.	'06.
On 1st pref. incomes.....	1 1/2	2 1/2	2	2	3 1/4	5	3	5	5	5	5
On 2d pref. incomes.....	0	0	0	0	0	0	0	0	2	5	5
On 3d pref. incomes.....	0	0	0	0	0	0	0	0	0	5	5

**Upper Cahaba Branch** bonds are secured by coal lands in Northern Alabama V. 81, p. 920, 1099.

**Collateral trust mortgage** abstract was in V. 45, p. 242.  
The **Chattanooga Division mortgage** is a first lien on the former Chattanooga Rome & Southern RR., Carrollton, Ga., to Chattanooga, Tenn., 138 miles, and Durham to Chickamauga, Ga., 17 miles, with branches, in all 164 miles, subject to \$343,000 old 5s. for which a like amount of bonds is reserved. V. 72, p. 1134; V. 78, p. 1446.

**LATEST EARNINGS.**—2 mos., 1906.....Gross, \$1,903,448; net, \$370,390 July 1 to Aug. 31. 1905.....Gross, 1,705,780; net, 447,126

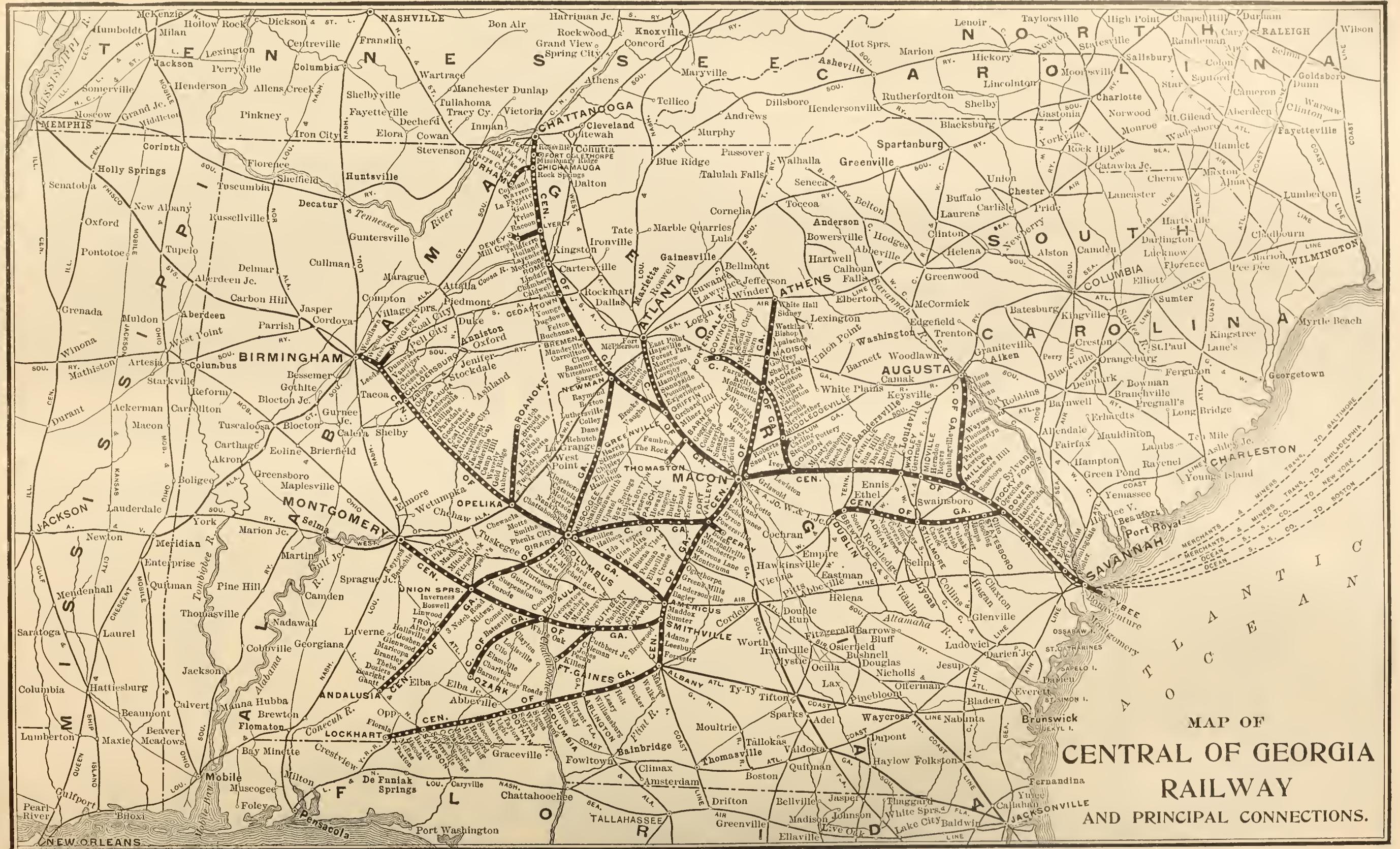
**ANNUAL REPORT.**—Report for 1905-06 at length in V. 83, p. 377, 383, 432.

<b>Years ending June 30—</b>	1906.	1905.	1904.
Gross earnings.....	\$11,396,123	\$10,135,055	\$9,396,931
Total operating expenses.....	7,882,218	7,091,527	6,864,509
Taxes.....	352,995	326,439	322,877

Net earnings from operation.....	\$3,160,910	\$2,717,088	\$2,209,545
Other sources.....	274,621	248,364	220,661

Total net income.....	\$3,435,531	\$2,965,453	\$2,430,206
Interest on funded debt.....	\$1,672,580	\$1,672,044	\$1,666,209
Rentals and miscellaneous.....	512,280	438,892	425,441
Dividend on 1st incomes.....	(5) 200,000	(5) 200,000	(5) 200,000
Dividend on 2d incomes.....	(5) 350,000	(5) 350,000	(2) 140,000
Dividend on 3d incomes.....	(5) 200,000	(5) 200,000	-----

Balance for year..... sur\$500,671 sur\$104,517 def \$1,533  
**OFFICERS.**—Pres., J. F. Hanson, Macon Ga.—(V. 83, p. 435, 751.)



MAP OF  
**CENTRAL OF GEORGIA**  
**RAILWAY**  
 AND PRINCIPAL CONNECTIONS.

RAILROADS. For explanation of column headings, &c., see notes on first page of tables.	Miles of Road.	Date of Bonds.	Size, or Par Value.	Amount Outstanding	INTEREST OR DIVIDENDS.			Bonds—Principal, When Due. Stocks—Last Dividend.
					Rate %	When Payable.	Where Payable, and by Whom.	
<b>Central of Georgia Ry. (Concluded)</b>								
Upper Cahaba purchase money M gold red 102 1/2 N	10 1/2	1905	\$1,000	\$570,000	4 g	F & A	Guaranty Trust Co, N Y	Feb '07-Aug '25
Greenville & Newnan first mortgage gold red 102 1/2 N	24	1905	1,000	570,000	4 g	M & S	New York	Mar '07-Sep '25
1st pref incomes Interest up to 5% Mp		1895	1,000	4,000,000	5 ln 1906	Oct 1	Guar Tr Co, N Y or Sav	Nov 1 1945
2d do do gold if earned Ce		1895	1,000	7,000,000	5 ln 1906	Oct 1	do do	Nov 1 1945
3d do do non-cumulative Ma		1895	1,000	4,000,000	5 ln 1906	Oct 1	do do	Nov 1 1945
Central RR & Bk coll tr bonds gold red at 110. Ce.c*		1887	1,000	4,880,000	5 g	M & N	Guaranty Trust Co, N Y	May 1 1937
Equipment trust notes Aug 31 1906		'00-1-5		187,526	3 1/2 & 6	Mo & qu	do do	To Sep 1910
Locomotive & car trusts payable \$131,000 s-an.c		'02-3-5	1,000	1,167,000	4 1/2 g	Various	Blair & Co, N Y	To Jan 1912
Equip trust ser H \$51,000 s-a (V 82 p 217)		1906	1,000	969,000	4 1/2 g	F & A	do do	To Feb 1916
Equip trust series I \$115,000 s-a (V 83, p 751) GP		1906	1,000	2,300,000	4 1/2 g	J & J	Kountze Bros, N Y	To July 1916
<i>Guaranteed, &amp;c., securities.</i>								
Ocean SS Co first mortgage gold guaranteed Ce.c*		1890	1,000	1,000,000	5 g	J & J	Guaranty Trust Co, N Y	July 1 1929
Steamship bonds g ass'd by O SS Co \$69,000 due s-a		'03-'04		648,000	5 g	J & J	Blair & Co, N Y	To July 1919
Augusta & Savannah stock (no bonded debt)	53		100	1,022,900	5	J & J	Savannah, Ga	July 1906 2%
Southwestern Railroad stock (no bonded debt)	333		100	5,191,100	5	J & J	Savannah and Macon	July 1906 2 1/2%
Chattahoochee & Gulf stock			100	436,400	5	J & J	Savannah, Ga.	July 2 1906 2 1/2%
1st M gold \$2,000,000 lnt rental s f red at 102 1/2	91	1900	1,000	368,000	5 g	J & J	Citizens' Bk, Savan'h, Ga	July 1 1930
Cent Indiana—1st M \$4,000,000 guar p&l end, Ce.c* & r	117	1903	1,000	1,500,000	4 g	M & N	Central Trust Co, N Y	May 1 1953
Central Massachusetts—See Boston & Maine RR.								
Central New Eng—1st M \$1,250,000 call 105 FP.c*	58	1899	1,000	1,060,000	5 g	F & A	Fld I T & S D Co, Phila	Feb 1 1919
General M 5% incomes \$7,250,000 FP.r	58	1899	1,000	7,250,000	5 g	Oct 1	Yearly lf earned	Feb 1 1940
Central Ohio—See Baltimore & Ohio.								
<b>Central Pacific</b>								
1st ref M \$100,000,000 gold guar p & l end Ce.c* & r	1,349	1899	500 &c	\$85,173,000	4 g	F & A	120 Broadway, N Y	Aug 1 1949
3 1/2 \$25,000,000 gold guar p & l end Us.c* & r	1,349	1899	500 &c	17,230,000	3 1/2 g	J & D	do do	Aug 1 1929
Mortgage on Lucin cut-off text G.c* & r	103	1904	1,000 &c	8,300,000	4 g	A & O	New York	Oct 1 1954
Notes for U S debt due \$2,940,635 half-yearly		1899		14,703,181	3			Feb '07-Feb '09
Central RR of N J—Stock (\$30,000,000 authorized)			100	27,431,800	8 ln 1906	Q-F	Office 143 Liberty St, NY	Nov 1 1906 2%
Convertible debentures convert into stock till 1907		1883	1,000	34,000	6	M & N	Liberty Nat Bank, N Y	May 1 1908
Cent RR of N J gen M for \$50,000,000 gold Ce.c&r	All	1887	500 &c	\$45,091,000	5 g	J & J	do do	July 1 1987
do do registered	All	1887	500 &c		5 g	Q-J	do do	July 1 1987
Equipment mortgage Series A & B \$420,000 due yrly		'99-'02	1,000	2,010,000	4	Various	do do	1907 to 1912
do do Series C \$330,000 due yearly		1903	1,000	2,450,000	4	Various	do do	To April 1913
do do Ser D \$150,000 y'rly (V 81, p 1847)		1905	1,000	1,350,000	4 g	M & S	do do	To March 1915
<i>Guaranteed Bonds—</i>								
Lch & Wilkesb Coal con M guar p & l ext ln 1900		1875	1,000	12,175,000	4 1/2	Q-M	do do	June 1 1910
5s of 1912 s f not guar (not drawn) FP.c		1888	1,000	2,691,000	5	M & N	do do	Nov 1 1912
Of the balance, \$14,703,000 is retained as coll. for notes by U. S. Govern.								b Includes \$1,167,000 In treasury July 1906.

CENTRAL MASSACHUSETTS RR.—See Boston & Maine RR.

CENTRAL INDIANA RY.—Muncie to Brazil, Ind., 127 m., of which 10 m. trackage. V. 76, p. 653. Controlled by Cleve. Cincln. Chic. & St. L. and Penn. RR. interests. Bonds guaranteed by Cleve. Cin. Chic. & St. L., are limited to \$20,000 per mile; present issue, \$1,500,000. (V. 77, p. 517, 2279; V. 78, p. 1906, 1961.) Stock authorized, \$120,000. Calendar year 1905, gross, \$167,513; def. under oper. exp., \$19,496. In 1904, gross, \$141,845. Pres., Joseph Robinson.—(V. 77, p. 2279; V. 78, p. 1906, 1961.)

CENTRAL NEW ENGLAND RY.—Owns from Campbell Hall, crossing the Hudson River at Poughkeepsie by its own bridge, to Silvernalls, 58 m., and leases and controls Hartford & Conn. Western RR., Hartford to Rhinecliff, 109 m.; extension from Tarlville, Conn., to Springfield, Mass., 18 m., operated from Sept. 1902; also leases Dutchess Co. RR., Poughkeepsie to Hopewell Jct., 12 m., and operates Newburg Dutchess & Conn. RR., Dutchess Jct., N. Y., to Millerton, N. Y., 59 m.; total, 256 m. V. 72, p. 1279; V. 73, p. 337; V. 76, p. 435.

ORGANIZATION.—Incorporated in January 1899, per plan in V. 66: p. 574, and V. 67, p. 789, as successor of Phil. Read, & New Eng. RR., sold in foreclosure Oct. 6 1898; V. 68, p. 84. In Feb. 1904 the New York New Haven & Hartford RR. acquired \$2,963,300 common and \$2,696,100 preferred stock and \$5,904,000 of the \$7,250,000 income bonds; V. 78, p. 701, 768. Owns \$1,390,000 Hartford & Conn. Western stock.

STOCK.—The stock is to be held in voting trust for ten years, or until 4% interest is paid on general mort. for two years. Voting trustees, J. P. Morgan, Wm. Rockefeller, Charles F. Choate, Charles F. Brooker and Charles Lanier. Common, \$3,450,000; pref., 4%, \$3,150,000; par, \$100.

BONDS.—Of the first 5s, \$600,000 were reserved for improvements.

EARNINGS.—12 months ending June 30 (256 miles operated in 1905-06, against 199 in 1904-05):

12 Mos.	Gross.	Net.	Oth. Inc.	Chges.	Balance.
1905-06	\$1,670,284	\$161,744	\$62,477	\$216,698	sur\$7,522
1904-05	973,422	19,780	88,525	194,804	def\$6,491

OFFICERS.—C. S. Mellen of New Haven, Pres.; A. S. May, Treas., and J. G. Parker, Sec.—(V. 79, p. 2641; V. 81, p. 506, 840.)

CENTRAL OHIO RR.—See B. & O. RR. Co.; also V. 70, p. 75.

CENTRAL PACIFIC RY.—(See Map of Southern Pacific.)

Lines owned—	Miles.	Umbrla to Cecll	Miles.
San Francisco, Cal., to near Ogden, Utah	871	Branches to San Jose, &c.	39
Latrop, Cal., to Goshen, Cal.	146	Trackage—	
Roseville Junction, Cal., to Oregon State Line	296	Into Ogden, &c.	11
		Total	1,466

ORGANIZATION.—Incorporated in Utah in July 1899 as successor of the railroad under the plan of readjustment in V. 68, p. 378, by which the Southern Pacific acquired the entire capital stock and guaranteed the principal and interest of the new bond issues.

STOCK.—(1) Common stock, \$67,275,500, all held by So. Pac. Co.

(2) Preferred stock, 4% cumulative, authorized issue \$20,000,000, to be delivered to So. Pac. Co. in consideration of issue of equal amount of So. Pac. Co. 4% collat. trust gold bonds; of which delivered on completion of readjustment, \$12,600,000; reserved to be delivered only to provide additional funds, if required, for the payment of 3% notes to the United States, and thereafter only for betterments and additions, \$3,000,000; reserved to be delivered for improvements and additions at not over \$200,000 yearly, \$5,000,000; outstanding, \$13,000,000.

BONDS.—First refunding M. gold 4s, \$100,000,000, secured by all the railroads, terminals and equipment now owned, including about 1,349 miles of first track, &c. Of the authorized issue, \$17,643,000 is held by the United States as collateral for 3% notes. See Abstract, V. 69, p. 808, and V. 70, p. 739; V. 78, p. 228.

Thirty-year gold 3 1/2s, \$25,000,000, secured by a second lien upon all the properties covered by the 1st ref. mortgage, and also by deposit with the Trustees as acquired of all securities and moneys held in any sinking fund of the Central Pacific Ry., consisting July 1 1905 of \$8,842,320 in securities and \$314 cash, and by a trust deed upon all the lands covered by the mortgage dated Oct. 1 1870. See Mortgage Abstract, V. 69, p. 858; also see p. 851. From the proceeds of these sinking funds and land sales cancellation of bonds will be made from time to time; in Feb. 1900 \$2,505,000 3 1/2s were canceled, and to Oct. 1903 \$4,187,500 additional had been canceled, reducing those outstanding to \$17,403,000. V. 70, p. 739; V. 70, p. 1194.

Twenty-three-per-cent notes, aggregating \$58,812,714, issued to the Government in settlement of subsidy debt; \$41,168,808 paid, leaving \$17,643,816 to mature, \$2,940,635 half-yearly hereafter to Feb. 1909. First refunding 4s are deposited to retire them.

In Oct. 1904 \$8,300,000 fifty-year 4% guar. bonds on the Lucin cut-off, Ogden to Lucin, Utah, 102 m., forming part of \$10,000,000 authorized, was sold. They are redeemable at 107 1/2 on Oct. 1 1909 or any interest day thereafter. V. 79, p. 1641. Form of guaranty, V. 80, p. 162.

LAND GRANT.—Total land grant was about 12,000,000 acres, of which about 7,722,049 acres remained unsold on June 30 1905. Sales in 1903-04, 190 acres; cancellations, 6,984 acres. Land contracts July 1 1905—principal, \$544,701; average price per acre, \$16.13.

REPORT.—In 1904-05, gross, \$23,861,258; net, \$10,581,366; other income, \$633,892; int., taxes, sinking funds, &c., \$6,223,286; bal., sur. \$4,991,972.—(V. 80, p. 162, 471, 649, 871; V. 81, p. 1174.)

CENTRAL RR. OF NEW JERSEY.—(See Map Reading System.)—Operates from Jersey City, opposite New York City, westerly to Wilkesbarre and Scranton, Pa., and the neighboring anthracite coal fields; also southerly to the seashore resorts of New Jersey, &c.

Lines owned in fee—

Miles.	Miles.
Jersey City to Phillipsburg	72
Sundry branches	84
Entire stock owned—	
New York & Long Branch RR., Perth Amboy to Bay Head	38
New Jersey Southern RR., Long Branch to Atslon, &c.	76
Other lines (no debt)	147
Leased (mostly for 999 years)—	
Ogden Mine RR.	10
Nesquehoning Valley	17

\*See this company. Total operated July 1906—648

There are 263 miles of second and 30 miles of four tracks. In July 1905 New Jersey Terminal Ry., 7 miles, was acquired. V. 81, p. 506.

HISTORY.—Chartered in 1849. From May 1883 to Jan. 1 1887 leased to Philadelphia & Reading. Receivers were in possession from Jan. 1 1887 till January 1888. Reorganized in 1887 without foreclosure—see plan V. 44, p. 714, 716. Concerning coal properties, see Lehigh & Wilkesbarre in "Supp." of Jan. 1903 (p. 159), and Lehigh Coal & Nav. in "Miscellaneous." In Jan. 1901 Reading Ry. acquired \$14,500,000 of the stock. V. 72, p. 86, 136, 241, 391, 721. On June 30 1906 owned \$1,600,000 Lehigh Valley RR. stock. V. 81, p. 971.

DIV.—'91, '92 to '94, '95, '96, '97, '98, '99, '00, '01, 1902 to Aug '06. P. c. 6 1/2 7 yearly. 5 1/2 5 4 1/2 4 4 5 5 8 yearly (Q.-F.)

BONDS.—For general mort. abstract see V. 45, p. 402.

The L. & W. coal mortgage is for \$15,000,000; the bonds, formerly 7s, of which \$12,175,000 have been issued, were in 1900 extended at 4 1/2% and guaranteed principal and interest. See guaranty, V. 71, p. 26.

Jointly and severally with the Lehigh Coal & Nav. Co. guarantees \$1,062,000 Lehigh & Hud. Riv. Ry. Gen. 5s, prin. and int. See V. 67, p. 788.

EARNINGS.—For 2 months ending Aug. 31:

2 months—	Gross.	Net.	Charges.	Bal., sur.
1906	\$4,657,569	\$2,374,180	\$1,271,180	\$1,103,000
1905	4,320,144	2,233,542	1,298,042	935,500

Charges in 1906 include \$222,180 for additions and improvements, against \$323,600 the previous year.

ANNUAL REPORT.—The report for 1905-06 was in V. 83, p. 685.

Earnings from—	1906.	1905.	1904.
Merchandise	\$8,671,217	\$7,471,038	\$6,960,722
Coal	7,462,065	7,885,388	7,741,409
Passengers	3,920,552	3,441,202	3,280,877
Express and mail	372,603	353,451	336,287
Miscellaneous	96,594	108,037	102,657

	1906.	1905.	1904.
Total gross earnings rail lines	\$20,523,031	\$19,259,117	\$18,421,952
Net earnings	\$9,865,855	\$9,282,626	\$8,576,373
Other income	1,606,565	1,366,345	1,497,265
Total net income	\$11,472,420	\$10,648,971	\$10,073,638
Interest on debt	\$2,869,626	\$2,830,200	\$2,866,490
Rentals paid	2,386,380	2,528,305	2,406,994
Taxes	556,710	458,041	473,951
Renewal funds, &c.	3,373,799	2,697,702	1,663,146
Dividends	(8)2,194,424	(8)2,193,704	(8)2,193,464

Balance, surplus \$91,481 \$141,016 \$467,594 (V. 79, p. 1641, 2642; V. 81, p. 506, 971, 1241, 1847; V. 83, p. 685.)

CENTRAL RR. OF PENNSYLVANIA.—Owns Bellefonte (Penn. RR.) to Mill Hall, Pa. (Penn. Div. of N. Y. C. & H. R. RR.), 27 miles; branch, 5 m. Current liabilities June 30 1905, \$628,799. For year 1904-05, gross, \$81,773; net, \$20,956; charges, \$40,112; deficit, \$19,156. Stock, \$1,200,000; par, \$50.

CENTRAL RR. OF SOUTH CAROLINA.—Owns from Lane, S. O., to Sumter, S. C., 40.2 miles, spurs, &c., 1.61 m.; total, 41.81 m. Leased to Atlantic Coast Line RR.; rental, \$31,000 yearly and taxes. Stock, \$170,000, par \$50. In 1904-5 rental \$31,000; gen. exp., \$267; int., \$18,000; divs. (7.60%), \$12,920; bal., sur., \$187.—(V. 64, p. 887.)

CENTRAL & SOUTHEASTERN RY.—Projected from Chanute, Kan. to Memphis, Tenn., 425 m., of which Chanute to Joplin Mo., 75 m., reported under construction in May 1906. Of the bonds (\$2,250,000 authorized issue) a block was offered; \$48,000 was reserved to retire the Arkansas Missouri & Kansas bonds. V. 82, p. 1210. Stock authorized, \$2,250,000; par, \$100. Pres., Albert N. Hoxie. Office, 1 Madison Av., N. Y.—V. 82, p. 1210.)

CENTRAL RY OF SOUTH CAROLINA—V. 82, p. 927.

CENTRAL VERMONT RY.—Operates from Rouse's Point, at north end of Lake Champlain, to New London, Conn., with branches 536 miles in all, of which 196 miles leased, viz.: New London & Northern (see that co.), 157 miles; Montville Branch, 3; West River RR., 36 m. Extension from Wilmington, Vt., to Manchester, 30 m., was reported to be under construction in July 1906.

ORGANIZATION.—Succeeded May 1 1899, per amended plan in V. 67, p. 735 the Central Vermont Railroad, foreclosed. V. 68, p. 1076.

SECURITIES, &c.—The Grand Trunk Ry. holds \$2,185,100 of the \$3,000,000 stock, and under a traffic contract will make good any deficiency in earnings to meet interest on the new firsts up to 30% of Grand Trunk gross receipts from traffic interchanged.

REPORT.—For year ending June 30 1905, in V. 81, p. 1488:

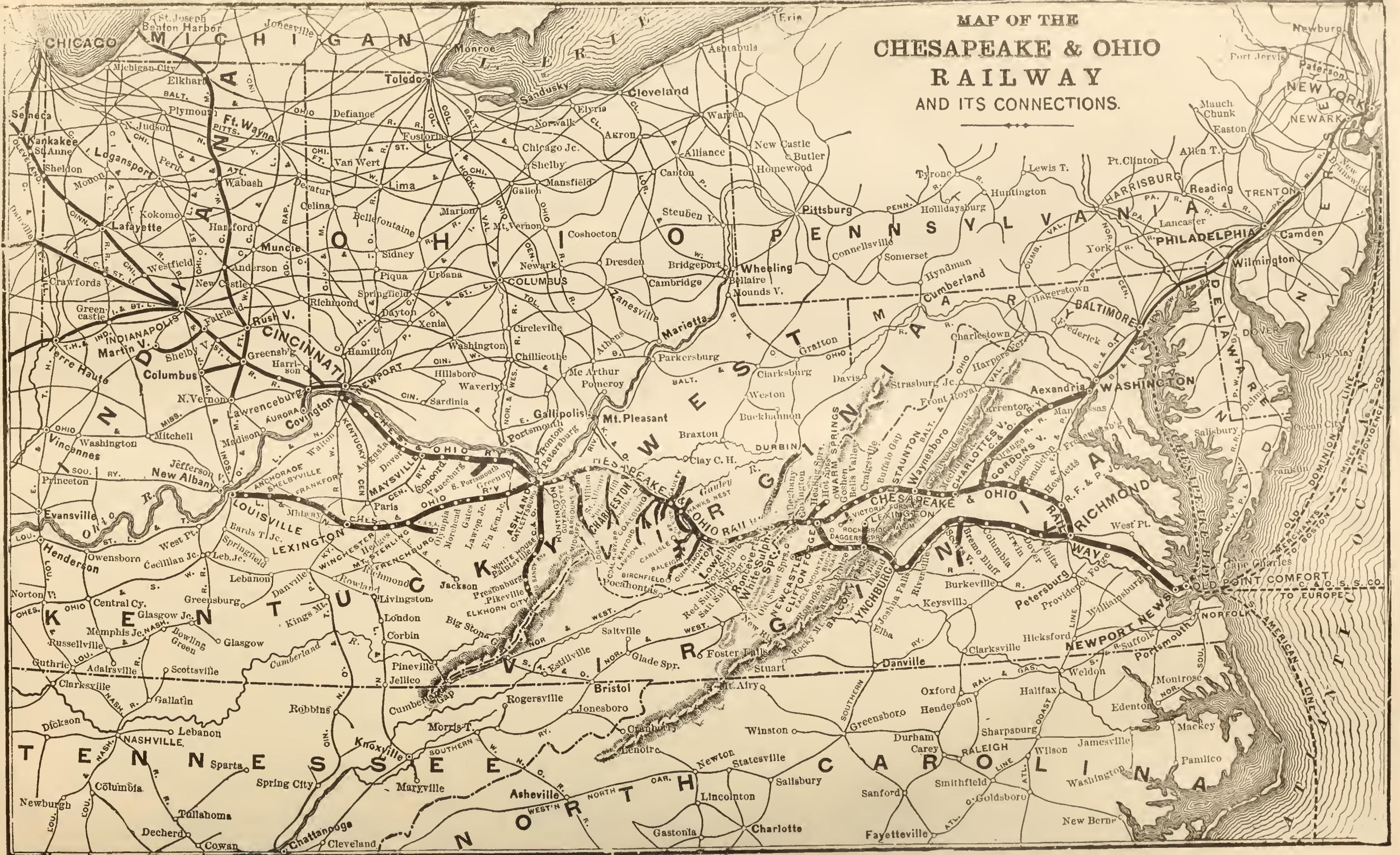
Year—	Gross.	Net.	Oth. income.	Charges.	Bal., sur.
1905-06	\$3,836,976	\$686,628	\$13,840	\$695,952	\$4,516
1904-05	3,557,776	666,279	10,840	673,449	3,670

Officers.—Pres., Charles M. Hays; Clerk and Treas., W. H. Chaffee, St Albans, Vt.—(V. 80, p. 468; V. 81, p. 1174, 1488; V. 83, p. 751.)

CHARLESTON & SAVANNAH RY.—See Atlantic Coast Line RR.

CHARLESTON TERMINAL CO.—ROAD.—Owns terminal road in Charleston, S. C., 3 miles; double track laid with 60-lb. steel. Company also owns 14 wharves, 30 warehouses, about 30 acres of land, 4 cotton compresses, &c., on the city's water front, these being connected

# MAP OF THE CHESAPEAKE & OHIO RAILWAY AND ITS CONNECTIONS.



RAILROADS. For explanation of column headings, &c., see notes on first page of tables.	Miles of Road.	Date of Bonds.	Size, or Par Value.	Amount Outstanding	INTEREST OR DIVIDENDS.			Bonds—Prin- cipal, When Due. Stocks—Last Dividend.
					Rate %	When Payable.	Where Payable, and by Whom.	
Central RR of N J (Concluded)								
Am Dock & Imp Co 1st M guar redeemable at 110. c*	---	1881	\$1,000	\$4,987,000	5	J & J	Liberty Nat Bank, N Y	July 1 1921
N Y & Long Branch gen M gold (\$192,000 5s) ..Ce	38	1891	1,000	1,891,000	4 & 5 g	M & S	do do	Sept 1 1941
Lehigh & Hud Riv gen M gold guar jointly ..Ce.c*	---	1890	1,000	1,062,000	5 g	J & J	National Exch Bk, N Y	July 1 1920
Central RR of Pennsylvania—1st M \$1,200,000 ..FP	---	1893	500 &c	600,000	6	M & N	Fld 1 Tr & S D Co, Phila	May 1 1943
Cent Ry of Oregon—1st M \$2,000,000 g red text. AB.c*	---	1905	100 &c	300,000	6 g	J & J	Amer L & Tr Co, Boston	July 1 1935
Central RR of South Carolina—first mortgage gold c	40	1881	1,000	300,000	6 g	J & J	Cuyler, Morgan & Co, N Y	July 1 1921
Cent Ry of S Car—1st M \$150,000 g gu red ..CP	7	1906	500	150,000	6 g	J & J	Colonial Trust Co, Pitts	Jan 1 1926
Central & Southeastern—First M \$2,250,000 gold ..---	---	1906	100 &c	See text.	5 g	J & J	Lincoln Trust Co, N Y	Jan 1 1956
Central Vermont—Stock \$3,000,000 ..---	---	---	100	3,000,000	\$2,185.1	00 held b	y Grand Trunk Ry of Can	ada.
First M \$12,000,000 gold traffic guaranteed. AB.c&r	All	1899	1,000 &c	11,000,000	4 g	Q—F	Amer L & Tr Co, Boston	May 1 1920
Car trusts \$15,000 or \$16,000 due quarterly ..---	---	1905	1,000	527,000	4 1/2	Q—M	---	Dec '06-Mar '15
Car trusts \$20,000 due yearly (V. 83, p. 751) ..---	---	1906	---	200,000	4 1/2	Q—F	---	Aug 1907-'16.
Montreal & Province Line Ry 1st M guar p & l ..c	40.6	1900	100 &c	200,000	4 g	A & O	Amer L & Tr Co, Boston	Oct 1 1950
Charleston & Savannah—See Atlantic Coast Line RR.								
Charleston Terminal—1st M \$1,000,000 gold ..S.c* &r	---	1903	1,000 &c	800,000	4 g	J & J	Standard Trust Co, N Y	July 1 1953
Charl & West Car—1st M gold (\$8,000 p m) ..Ce.c* &r	340	1896	1,000	2,720,000	5 g	A & O	Central Trust Co, N Y	Oct 1 1946
Income M gold non-cum (\$7,000 per mille) ..G.c*	---	1896	1,000	2,380,000	5	Oct	Guar Tr, N Y, If earned	Oct 1 1946
Augusta Terminal Ry 1st M gold guar p & l end ..Ce	---	1897	1,000	600,000	6 g	A & O	Central Trust Co, N Y	April 1 1947
Charlotte Monroe & Columbia—1st M \$70,000 gold ..	22	1902	1,000	70,000	5 g	A & O	Rlch T & S D Co, Rlch, V	Oct 1 1932
Charlotte Columbia & Augusta—See Southern Ry.								
Chartiers—Stock ..---	---	---	50	645,300	10 In '06	A & O	Co.'s Office, Pittsb'gh Pa	Oct 1 1906 5 %
First mortgage \$625,000 gold ..---	23	1901	1,000	625,000	3 1/2 g	A & O	do do	Oct 1 1931
Chat & Lake Placid—Sar & L Placid 1st M gold Ce.c*	10	1893	1,000	120,000	5 (6) g	M & N	21 Cortlandt Street, N Y	Nov 1 1913
Chattahoochee Valley—Con mortgage \$110,000 ..AB	16 1/2	1900	1,000	110,000	5	J & J	Amer L & Tr Co, Boston	July 15 1920
Chesapeake Beach—First mortgage \$1,000,000 g. N.c*	34	1898	1,000	1,000,000	5 g	J & J	In default	July 1 1923
Chesapeake & Ohio—Stock (transfer agt J P M & Co)	---	---	100	62,799,100	1 In 1905	Yearly	J P Morgan & Co, N Y	Nov 20 1905 1 %
Mortgage 6s gold Series A ..Ce.c*	428	1878	1,000	2,000,000	6 g	A & O	do do	July 1 1908
do do Series B ..Ce.c*	75	1881	1,000	13,354	6 g	M & N	do do	July 1 1908
First mortgage of 1911 Peninsular Extension gold ..c*	75	1881	1,000	2,000,000	6 g	A & O	do do	Jan 1 1911
Terminal 1st M 1922 covering 8 miles to Phoebus g.c*	8	1882	500 &c	142,000	6 g	J & D	do do	June 1 1922
First consol mortgage for \$30,000,000 gold. Ce.c* &r	664	1889	1,000	25,858,000	5 g	M & N	do do	May 1 1939
Richmond & All Div 1st cons M gold (see text) ..Ce.c*	241	1890	1,000	6,000,000	4 g	J & J	do do	Jan 1 1939
Second cons M Rich via Lynchb to Clifton F. ..Ce	241	1890	1,000	1,000,000	4 g	J & J	do do	Jan 1 1939
Craig Valley Branch first mortgage gold ..Ce.c*	26	1890	1,000	650,000	5 g	J & J	do do	July 1 1940
Warm Springs Branch first mortgage gold ..Ce.c*	25	1890	1,000	400,000	5 g	M & S	do do	March 1 1941
c Guaranteed jointly with Lehigh Coal & Naviga	tion Co							

by its own road with the other railroads entering the city. A reorganization of the East Shore Terminal Co.'s RR., foreclosed July 14 1903; V. 77, p. 146, 298. Stock, \$200,000, owned jointly by Atlantic Coast Line RR. and Southern Ry. Of the bonds, \$200,000 are reserved for future purposes. Pres., Wm. E. Huger; Treas., R. D. Lankford; Sec., Henry Fraser. (V. 77, p. 298.)

EARNINGS.—Gross, year ending June 30 1905, \$181,493; net, \$84,689; total deductions, \$41,273; bal., sur., \$43,416.—(V. 77 p. 146.)

CHARLESTON & WESTERN CAROLINA RR.—Port Royal, S. C., via Augusta, Ga., to Spartanburg, S. C., 245 m.; branches to Anderson and Greenville, S. C., 94 m.; leased, 2 m.; total, 341 m. A consolidation Oct. 3 1896 after foreclosure sale. Entire stock and portion of income bonds were acquired by Atlantic Coast Line in Dec. 1897. V. 66, p. 38, 335.

STOCK.—\$1,200,000; par, \$100. See Augusta Term. Ry. V. 66, p. 383.

EARNINGS.—For year ending June 30 1905, gross, \$1,250,920; net, \$278,891; other income, \$13,565; fixed charges, \$218,056; surplus, \$74,401. Pres., J. B. Cleveland, Spartanburg, S. C.; Sec., R. D. Cronly, Baltimore, Md.—(V. 73, p. 1207.)

CHARLOTTE MONROE & COLUMBIA RR.—McBee, S. C., on Seaboard Air Line, to Jefferson, 22 m. Stock, \$48,000. The Richmond Trust & Safe Deposit Co is mortgage trustee. V. 75, p. 1030. For year ending June 30 1905, gross, \$30,870; net, \$15,387. Pres., Ernest Williams.—(V. 75, p. 1030.)

CHARTIERS RR.—Owns from Carnegie, Pa., to Washington, Pa., 23 m. Leased till 1971 to the Pittsburgh Cincinnati & St. Louis (now Pittsburgh Cincinnati Chicago & St. Louis); the rental is net earnings.

Capital stock, \$645,300 (par \$50); Pennsylvania Co. owns \$333,850.

DIV'DS.—'92. '93. '94. '95. '96. '97. '98. '99. '02. '03. '04. '05. 1906.

Since 1891 % 8 10 10 8 9 10 10 7 y'rly. 8 8 10 10

EARNINGS.—For year ending Dec. 31 1905, gross, \$711,237; net, \$236,440; other income, \$12,264; int. and other charges, \$35,985; dividends, \$64,530; bal., sur., \$148,189.—(V. 73, p. 615; V. 80, p. 1234.)

CHATEAUGAY & LAKE PLACID RR.—(See Map Del. & Hudson.)—Operates from Plattsburg, N. Y., to Lake Placid, 80 miles, of which Plattsburg to Dannemora, 16 miles, is leased from State of New York for \$1 and free transportation of freight to the State's Prison at Dannemora, and balance owned. Standard-gauged in 1903-04. V. 78, p. 985. A consolidation in July 1903 of the Chateaugay Ry., the Chateaugay RR. and the Saranac & Lake Placid RR.; V. 77, p. 249.

Stock, \$2,450,000, of which \$2,000,000 is 4% pref., the latter all owned by D. & H. V. 79, p. 2696. Leased to the Delaware & Hudson until Dec. 31 2403, any balance over expenses of operation, interest, taxes, maintenance, damages, dividend on pref. stock, &c., to go to the lessor. The lease is subject to revision at 5-year intervals after Jan. 1 1908, on request of either party. V. 81, p. 613. There are also \$24,000 Saranac & Lake Placid 2d 5s due Nov. 1 1913.—(V. 81, p. 613.)

CHATTAHOOCHEE & GULF RR.—Columbia, Ala., to Floralla, 92 m. LEASE.—Leased in 1900 in perpetuity to Cent. of Georgia Ry. for 6% on \$436,400 stock and \$368,000 bonds, of which 1% to be used as a sinking fund for retirement of bonds, upon completion of which rental will be 5% on stock, payable J.-J. See Cent. of Ga. Ry.—(V. 77, p. 2279; V. 81, p. 1722.)

CHATTAHOOCHEE VALLEY RR.—West Point, Ga., to Jester, Ala., 16 1/2 m. Stock authorized, \$1,000,000; outstanding, \$110,000; par of shares, \$100. Bonds, see table above. For year ending June 30 1906, gross, \$35,272; net, \$14,080; other income, \$336; interest on bonds, \$3,000 bal., sur., \$7,493.

CHATTANOOGA SOUTHERN RR.—Owns road, completed in June 1891, from Tennessee State line to Gadsden, Ala., 87 m.; Round Mt. branch, 3 m.; trackage to Chattanooga, 5 m.; sidings and spurs, 10 m.; total of all track, 105 m. Successor to Chattanooga Southern Ry., sold in foreclosure Feb. 14 1895; plan in V. 61, p. 830. In Oct. 1906 it was arranged to sell the road to the Louisville & Nashville. The old bondholders and stockholders are expected to receive the amount of their assessments, 25% and \$2 per share, respectively, with 6% interest from 1895 in Louisville & Nashville purchase money bonds. See V. 83, p. 817.

Year ending June 30 1906, gross, \$136,865; net, \$5,573.

Sec., E. C. Osborn, 31 Nassau St., N. Y.—(V. 83, p. 817.)

CHESAPEAKE BEACH RR.—Washington, D. C., to Chesapeake Beach, Md., 34 m. In July 1905 David H. Moffat obtained judgment on a promissory note for \$1,222,800. Foreclosure suit begun; interest alleged in default since 1901. V. 81, p. 263, 974. Stock, \$1,000,000; par, \$100. Pres., W. F. Jones, Denver, Col.; Sec., Paul Y. Waters. Office, 1416 New York Ave., Wash., D. C.—(V. 81, p. 263, 974.)

CHESAPEAKE & OHIO RR.—(See Map.)—Operates from Newport News, Va., and Washington, D. C., to Cincinnati, O., with branches.

Lines owned in fee—	Miles.
Old Polk Comfort and Newport News, via Charlottesville to Ashland, Ky. ....	512
Richmond via Lynchburg to Clifton Forge, Va. ....	230
Branches in Va. and W. Va. ....	427
Lines controlled by stock, &c.—	
Big Sandy River to Covington 150	
Denton, Ky., to Lexington. ....	103
Big Sandy Jct. to Elk Horn City, with branch. ....	128
Branches in Kentucky. ....	50
Also owns one-sixth interest in the Richmond-Washington Co.	

Lines leased—	Miles.
Bridge—Covington, Ky., to Cincinnati, Ohio. ....	2
Garrison to Carter, Ky. ....	20
Sundry branches leased. ....	25
Trackage to Louisville. ....	84
Trackage to Washington, D. C. ....	85
Other trackage. ....	31

Total system June 30 1906. . . 1,827

Second track (237 owned). . . 334

HISTORY, &c.—In 1888 reorganized without foreclosure, and the road extended to Cincinnati. The consolidation with the Richmond & Allegheny was consummated in Jan. 1890; with Elizabethtown Lexington & Big Sandy, &c., in 1892, and with Greenbrier and other roads in 1903. In June 1906 various subsidiaries were merged as The Ches. & Ohio Ry. in Ky. V. 82, p. 1322.

CAPITAL STOCK.—Common stock authorized, "unlimited"; outstanding, \$62,799,700; increased from \$40,000,000 to this figure since 1892 through exchange of practically all the \$25,000,000 of preferred stocks for common stock and general mortgage 4 1/2 per cents in certain proportions,

and acquisition of stocks of other companies. V. 77 p. 450, 768. Pref. stock, for \$8,400 only, was outstanding June 30 1906. V. 54, p. 642. Stock may be reduced by majority vote. V. 70, p. 175.

DIVIDENDS.—1899 to 1905, both inclusive, 1% yearly Nov. 30. As to request for larger dividends, see V. 82, p. 750; V. 83, p. 686.

BONDS.—Abstract of consol. mortgage of 1939 in V. 49, p. 147; of Richmond & Allegheny mortgages, in V. 51, p. 144.

The general mortgage of 1892 (Central Trust Co. and H. T. Wickham trustees) is for \$70,000,000, but additional amounts at \$25,000 per mille may be issued for double-tracking. Of the \$70,000,000 as above, \$32,691,000 bonds were reserved to provide for the \$30,000,000 consols of 1889, issued or to be issued, &c. The balance was issuable for new acquisitions, rolling stock, &c., but not more than \$2,000,000 thereof in any one year. The mortgage covers the entire property of the company, real and personal, at the time the deed was made, and all additional property and mileage acquired with the proceeds of the bonds. See full abstract of mortgage in V. 54, p. 644; also V. 54, p. 642; V. 55, p. 335. In July 1906 \$41,573,000 had been listed on N. Y. Stock Exchange. V. 76, p. 381; V. 77, p. 710, 1532; V. 78, p. 701, 988, 1108; V. 80, p. 1423; V. 81, p. 1314; V. 83, p. 271.

The Louisville & Jeffersonville Bridge bonds, of which \$3,000,000 are outstanding, are guaranteed jointly and severally by the Chesapeake & Ohio and Cleveland Cincinnati Chicago & St. Louis; any deficit on account of the bridge is payable by them in the proportion of one-third and two-thirds respectively—see V. 60, p. 130; V. 61, p. 327, 559; V. 62, p. 84 and separate statement for Louisville & Jeffersonville Bridge Co.

Of the Greenbrier Ry. 4s of 1900, guaranteed prin. and int. and assumed in 1903-04, \$1,000,000 are reserved for extensions and improvements. See guaranty, V. 72, p. 626; see also V. 71, p. 554, 602; V. 79, p. 915. Of the Big Sandy 4s of 1904, \$1,000,000 is reserved for extensions. V. 79, p. 917; V. 82, p. 279. Form of guaranty, V. 81, p. 668.

Of the Coal River 4s of 1905, \$600,000 has been issued on the 18 miles from St. Albans to Holly, W. Va., and \$900,000 additional bonds will be issued for about 50 miles under construction; the remaining \$1,500,000 is reserved for extensions and improvements. V. 80, p. 2219; V. 83, p. 693.

Of the Paint Creek Branch 4s of 1905, \$225,000 is reserved for extensions. V. 81, p. 974, 910.

Potts Creek Branch 4s and Western Pacahontas Corp. guaranteed 4 1/2s, see V. 83, p. 693.

Date.	Outstanding.	Mature in Installments.
"A" 1901 .....	\$500,000 .....	Aug. '07-'12 \$100,000 yrly.
"B" 1902 .....	1,200,000 .....	Aug. '15-'07-'12 200,000 yrly.
"C" 1902 .....	600,000 .....	Mch. '07-Sept. '12 50,000 s.a.
"D" 1903 .....	1,400,000 .....	Aug. '07-Aug. '13 200,000 yrly.
"E" 1903 .....	750,000 .....	Dec. '06-Dec. '13 50,000 s.a.
"F" 1904 .....	595,000 .....	Dec. '06-Dec. '14 35,000 s.a.
"G" 1905 .....	1,530,000 .....	Apr. '07-Apr. '15 90,000 s.a.
"H" 1906 .....	1,520,000 .....	Apr. '07-Apr. '16 80,000 s.a.
"I" 1906 .....	1,000,000 .....	Dec. '06-June '16 50,000 s.a.
"J" 1906 .....	1,900,000 .....	Feb. '07-Aug. '16 95,000 s.a.
"K" 1906 .....	1,600,000 .....	Apr. '07-Oct. '16 80,000 s.a.

Interest paid semi-annually as indicated by maturity date; "A" and "B" at Girard Trust Co., Phila.; "C," "D," "E" and "F" at office of Blair & Co., N. Y.; "G" and "H" at Fidelity Trust Co., Phila.; and "I," "J" and "K" at Blair & Co.

FINANCES.—Pennsylvania interests, with Morgan-Vanderbilt interests, own a majority of the stock. V. 70, p. 75, 632; V. 72, p. 480.

On June 30 1905 the N. Y. Cent. & Hud. Riv. and Clev. Cln. Chic. & St. Louis owned stock representing outlays respectively of \$1,638,453 and \$2,453,569. V. 71, p. 398, 505. On Jan. 1 1906 the Penn. RR. proper owned \$10,130,000, the Pennsylvania Company, \$4,000,000 and the Northern Central \$1,500,000 of the stock.

As to purchase of one-sixth interest in majority Hocking Valley common stock, see that company. V. 77, p. 1225; V. 83, p. 37, 693.

The company's stock interest in the C. & O. SS. Co. was sold in 1905-06. See V. 83, p. 693.

EARNINGS.—2 mos. . . 1906 .....

July 1 to Aug. 31. . . 1905 .....

Gross, \$4,129,002; net, \$1,567,061.

Gross, 3,742,894; net, 1,480,053.

ANNUAL REPORT.—Fiscal year ends June 30. Annual meeting is held at Richmond on the Tuesday preceding the last Tuesday in October. Report for 1905-06 was given in full in V. 83, p. 682, 691, and showed the following. See also editorial, p. 658.

Traffic.—Of the total tonnage (16,366,880) in the year 1905-06, coal and coke furnished 9,884,873 tons, or 60% of the whole; products of agriculture furnished 6%. Average rate received on seaboard coal, 3.27 mills per ton per mile; on all freight, 4.20 mills.

	1906.	1905.	1904.
Miles operated .....	1,827.	1,708	1,671
Passenger earnings .....	\$4,242,556	\$3,894,145	\$3,648,233
Freight .....	19,395,648	16,030,313	14,869,188
Express, mail and miscellaneous .....	964,784	790,914	780,105
Total earnings .....	\$24,602,988	\$20,724,372	\$19,297,526
Operating expenses and taxes .....	15,439,502	13,534,801	13,208,040
Net earnings .....	\$9,163,486	\$7,189,567	\$5,999,486
Other income .....	204,353	177,287	160,272
Total net income .....	\$9,367,839	\$7,366,854	\$6,169,758
Interest on bonds, &c. ....	\$5,778,951	\$5,230,216	\$4,674,245
Extraordinary expenses .....	1,534,406	1,217,476	861,366
Dividends .....	(1%) 627,007	(1%) 627,004	(1%) 627,004
Balance, surplus .....	\$1,426,576	\$291,259	\$5,243

RAILROADS. For explanation of column headings, &c., see notes on first page of tables.	Miles of Road.	Date of Bonds.	Size, or Par Value.	Amount Outstanding	INTEREST OR DIVIDENDS.			Bonds—Princ- pal, When Due Stocks—Last Dividend.
					Rate %	When Payable.	Where Payable, and by Whom	
<b>Chesapeake &amp; Ohio—(Concluded)</b>								
General mortgage (for \$70,000,000 &c) gold...Ce.c*	1,174	1892	\$1,000	\$41,573,000	4 1/2 g	M & S	J P Morgan & Co, N Y	March 1 1992
Paint Creek Branch 1st M \$750,000 gold...Ce.c*	21	1905	1,000	525,000	4 g	F & A	do do	Feb 1 1945
Kineon Coal mortgage assumed redeem beg Oct 1905	---	---	500 &c	200,000	5 g	A & O	Cent Tr & S Dep, Cln, O	Oct 1 1915
Greenb & New Riv RR 1st M g ass'd (V 75, p 562)	18	---	1,000	339,000	5 g	F & A	Richmond	Aug 1 1942
Greenbrier Ry 1st M \$3,000,000 gold assum'd.Col.c*	98	1900	1,000	1,980,000	4 g	M & N	J P Morgan & Co, N Y	Nov 1 1940
Big Sandy Ry first mortgage \$5,000,000 gold...Ce.c*	77	1904	1,000	4,000,000	4 g	J & D	do do	June 1 1944
Potts Creek Branch first mortgage (see text)	20	---	---	See text	4 g	---	---	---
Car contracts payable monthly on 300 cars	---	'99-'02	---	58,000	5	---	---	To May 1907
Other car trusts see text.	---	---	---	---	---	---	---	---
<b>Guaranteed Bonds.</b>								
Elevator Co first mortgage gold p & l guar...Ce.c*	---	1888	1,000	820,000	4 g	A & O	J P Morgan & Co, N Y	Oct 1 1938
Second mortgage for \$500,000 Income non-cu...c*	---	1888	1,000	450,500	4	Oct 1	do do	Oct 1 1988
Lo & Jeff Bdg 1st M \$5,000,000 guar p & l end...c*	---	1895	1,000	a3,500,000	4 g	M & S	J P Morgan & Co, N Y	March 1 1945
Norfolk Term & Trans 1st M (V 67 p 322) guar p & l	---	1898	1,000	500,000	5	F & A	do do	Feb 1 1948
Passenger & Belt Ry (Lex, Ky) 1st M g extend in '06	4	---	1,000	150,000	5 g	J & J	J P Morgan & Co, N Y	Jan 1 1908
Coal River first mortgage \$3,000,000 gold...Ce	67	1905	1,000	1,500,000	4 g	F & D	New York	June 1 1945
Western Pocahontas Corporation first mortgage	---	1905	1,000	750,000	4 1/2	J & A	New York	Aug 1 1945
Chesapeake Western—C & W RR 1st M gold...N	27	1896	500 &c	666,000	5 g	F & A	New York Trust Co, N Y	Aug 1 1945
Chesapeake Western Ry M \$1,435,000 gold...B.c*	41	1901	1,000	1,419,000	4 g	A & O	See text	Oct 1 1951
Chesterfield & Lancaster—1st M \$750,000 gold...K.c*	27	1905	1,000	124,000	5 g	F & A	Knickerbocker Tr Co, NY	Aug 1 1955
Chestnut Hill RR—Stock rental P & R Ry	4	---	50	195,650	6	Q—M	Treasurer's Office, Phila	Sept 4 1906 1 1/2
Chicago & Alton RR—Common stock	---	---	100	19,542,800	---	---	---	---
Preferred stock 4% non-cumulative	---	---	100	19,544,000	See text.	J & J	120 Broadway, New York	July 2 1906 2%
4% cumulative part & prior lien stock	---	---	100	899,300	See text.	J & J	do do	July 2 1906 2%
Chlc & Alton RR (old) ref M gold (see text)...C.c*&r	889	1899	1,000 &c	*37,350,000	3 g	A & O	do do	Oct 1 1949
First lien (old Ry.) M subject to call at par...F.c*&r	943	1900	1,000 &c	22,000,000	3 1/2 g	J & J	do do	July 1 1950
Collat notes \$5,000,000 gold red at par 1904...Me.r	---	1903	5,000	5,000,000	4 g	J & J	do do	July 1 1907
Joint equip notes (\$9,500 due semi-ann) (V 76, p 47)	---	---	1,000	114,200	4	J 16 & D	Equitable Trust Co, N Y	To June 15 1912
Miss Riv Br 1st M g ass'd s f drawn at 100...c*	---	1877	1,000	211,000	6 g	A & O	N Y, 120 Broadway	Oct 1 1912
Kansas City St Louis & C preferred stock guar	162	---	100	1,750,000	6	Q—F	do do	Nov 1 1906 1 1/2
Joliet & Chicago 7% stock perpetual guar by C & A	37	---	100	1,500,000	7	Q—J	do do	Oct 1906 1 1/2
Louisiana & Missouri guaranteed preferred stock	101	---	100	329,000	7	F & A	do do	Aug 1 1906 3 1/2

\* Additional bonds issued—see text below. a Guarantee d joint ly and se verally wlt h Clevel and Cinc lnnatl Chlago & St Lo uls.

**CHESAPEAKE & OHIO RY. (Concluded).**

OFFICERS.—Pres., George W. Stevens, Richmond, Va.; Vice-Pres., Decatur Axtell, Richmond, Va.; Treas., C. E. Potts, Richmond, Va.; Sec., C. E. Wellford, Richmond, Va.; Comptroller, L. F. Sullivan, Richmond, Va. Directors—Decatur Axtell, John P. Green, Chas. E. Pugh, George W. Stevens, Chauncey M. Dewey, William H. Newman, Samuel Rea, H. McK. Twombly, H. T. Wickham.—(V. 83, p. 682, 686, 691, 751.)

CHESAPEAKE WESTERN RY.—Owns North River Gap, Va., to Bridgewater, 14 m.; leases for 99 years from May 1 1902 Chesapeake & Western RR., Bridgewater to Elkton, 27 m.; total, 41 m. Projected to tide-water on Chesapeake Bay, and westerly into West Virginia coal fields, of which 14 m., from Bridgewater to North River Gap, is completed. Controlled by Chesapeake Western Co. V. 75, p. 1353; V. 78, p. 2383.

Stock authorized, \$50,000,000; outstanding, \$1,419,600, of which \$608,400 is preferred. Ches. & West. RR. has \$533,500 common and \$32,900 pref. stock outstanding. C. W. Ry. mortgage of 1901. V. 73, p. 899, 1356. Year ending June 30 1906 (41 miles), gross, \$70,369; net above taxes, \$20,508; no interest paid on C. W. Ry. bonds. Pres., Robert McM. Gillespie; Treas., W. H. Hall. Office, 71 Broadway, N. Y.—(V. 74, p. 986; V. 78, p. 2383.)

CHESTERFIELD & LANCASTER RR.—Owns Ruby to Cheraw, S. C., 18 m. Extension of 18 m. toward Lancaster under construction, of which 9 m. completed Oct. 1906. Bonds (limited to \$750,000) are issuable at \$5,000 per mile. V. 81, p. 1790. Stock, \$500,000; par, \$25. Year ending June 30 1905, gross, \$33,089; net, \$11,011; interest charge, \$3,950. Pres., A. H. Page, Cheraw, S. C.; Sec., A. G. Page.—(V. 81, p. 1790.)

CHESTNUT HILL RR.—Owns from Germantown to Chestnut Hill, Pa., 4 m.; being double-tracked May 1902. Re-leased in 1896 to Phila. & Red. Ry., the rental being reduced from 12% to 6% on stock, the latter being increased in June 1902 from \$120,650 to \$195,650.—(V. 75, p. 76.)

CHICAGO & ALTON RR.—(See Map.)—ROAD—Chicago to St. Louis, Kansas City, &c., in all 960 miles, of which about 210 double tracked.

Road owned—	Miles.	Road owned—	Miles.
Chicago to East St. Louis, Ill.	280	Roodhouse, Ill., to Kansas City, Mo.	251
Springfield, Ill., to Grove, Ill.	54	Bloomington to Wann, via Jacksonville Godfrey & Upper Alton (all in Ill.)	158
Eldred to Barnett	48	Trackage to Peoria, Ill., &c.	24
Coal City Line, Ind.	25		
Dwight, Ill., to Washington and Lacon, Ill.	80		
Mexico, Mo., to Cedar City, Mo.	50		
Total of all owned and operated in system	970		

Cut-off between Mexico, Mo., and Old Monroe, 65 m., built by Chlc. Burl. & Quincy, opened Sept. 1904, is operated jointly. In Oct. 1905 the Peoria & Pekin Terminal Co. was acquired by friendly interests. V. 81, p. 1099.

ORGANIZATION.—The (old) railway company was organized in April 1900 and purchased substantially all the stock of the Chlc. & Alton Railroad. The two companies were consolidated in Mch. 1906 per plan V. 82, p. 451, the Railway issuing its cumulative 4% participating and prior lien stock in exchange for the outstanding stocks of the Railroad, the Railway company changing its name to the C. & A. Railroad as above. V. 82, p. 160. See V. 70, p. 686, 995.

STOCK.—The cumulative 4% participating and prior lien stock is entitled in addition to prior right to accumulative dividends at the rate of 4% per annum, to receive additional dividends equal to the rate of dividends. If any, declared on the common stock of the consolidated company. The Rock Island Co. and the Harriman interests in 1904 acquired control, the C. R. I. & P. owning \$14,320,000 com. and \$4,470,000 pref. stock, and the Union Pacific \$10,340,100 pref. stock, their stock holdings being pooled, ensuring harmonious management. See V. 80, p. 471, and V. 78, p. 47; 342; V. 79, p. 151, 1331, 1461, 2204; V. 81, p. 1664; V. 83, p. 686.

DIVIDENDS.—On pref. of old co., Jan. 1901 to Jan. 1906, incl., 4% yearly (J. & J.). First semi-annual dividends on pref. and participating and prior lien stocks, 2% each, paid July 2 1906. V. 82, p. 1322.

BONDS.—The first lien (old Ry.) 3 1/2% of 1900 are secured by a direct first lien on Springfield to Grove, 54 m., and a lien on the remaining property owned subject to the mortgage securing the refunding 3s of 1899 and certain obligations and liens existing at the consolidation in 1906. V. 70, p. 894, 944. See application to list in full in V. 71, p. 1021, and plan, V. 82, p. 451.

The Railroad (old) mortgage securing the 3 per cents of 1899 will provide funds for improvements and extensions. Bonds in excess of \$40,000,000 may be issued thereunder on vote of two-thirds of the stockholders for extensions of not over 500 miles main track, at not exceeding \$20,000 per mile, to fund leased line rental obligations and for future betterments not to exceed \$5,000,000 at not over \$1,000,000 per annum from Jan. 1 1900. See official circular in V. 69, p. 178; also V. 69, p. 26, 129, 541; V. 70, p. 429, 739, 995.

Stockholders of Railroad (old) Co. voted on Sept. 7 1904 to authorize the issue of refunding bonds in excess of the \$40,000,000 then sold and pledged, viz., \$5,000,000 for betterments and \$350,000 for purchase of Quincy Carrolton & St. Louis Ry. V. 79, p. 211, 967. Equipment leases and contracts July 1906, \$3,916,918.

The 4% collateral notes of the Railway company (\$5,000,000 authorized issue) are secured by deposit of \$7,000,000 Railroad (old) refunding bonds issued for improvements. V. 77, p. 1746.

GENERAL FINANCES.—Expenditures for improvements and equipment for 3 years ending July 1903 were \$12,943,329. V. 77, p. 1226. Proposed terminal and other improvements, Aug. 1905. V. 81, p. 776.

LATEST EARNINGS.—1906—Gross, \$2,172,554; net, \$878,179. 2 mos., July 1 to Aug. 31. 1905—Gross, 1,986,937; net, 632,681.

ANNUAL REPORT.—Report for year ending June 30 '06, including the operations of the C. & A. RR., the C. & A. Ry. down to the date of consolidation Mch. 14 1906 and of the consolidated Co. subsequent to Mch. 14 1906, was in V. 83, p. 813.

	1906.	1905.	1904.
Miles	970	915	915
Gross earnings	\$11,586,094	\$11,797,314	\$11,425,853
Operating expenses	7,818,903	7,602,663	7,524,600
Net earnings	\$3,767,191	\$4,194,651	\$3,901,253
Net income	\$4,026,337		
<b>Deduct—</b>			
Taxes	\$354,180		
Interest on bonds, &c.	2,412,834		
Dividend on guaranteed stocks	241,024		No comparison possible, owing to consolidation in March 1906.
Dividends on stocks of old companies held by public	406,140		
Dividend on prior lien stock July '06	17,986		
Dividend on pref. stock July 1906	390,880		
Miscellaneous expenses	8,318		
Balance, surplus	\$194,974		

OFFICERS.—Chairman of executive committee, E. H. Harriman; Pres., S. M. Felton; Vice-Pres., Wm. D. Cornish; Comptroller, William Mahl; Treas., F. V. Crosby; Sec., Alex. Millar, 120 Broadway, N. Y.; Gen. Mgr., C. A. Goodnow. Directors.—James Stillman, E. H. Harriman, B. F. Yoakum, W. H. Moore, D. G. Reid, Robert Mather, New York; James H. Moore, S. M. Felton, J. B. Forgan, J. J. Mitchell, N. B. Ream, Chicago.—(V. 83, p. 817.)

CHICAGO BURLINGTON & QUINCY RR.—(See Map.)—ROAD—Operates a great system of roads extending from Chicago westerly, reaching St. Paul and Minneapolis, Minn., St. Louis and Kansas City, Mo., Omaha, Neb., Denver, Col., Cheyenne, Wyo., Black Hills, S. D., and Billings, Mont. The accompanying map shows clearly the system, viz.:

Miles.	Miles.
Lines east of Missouri River	4,365
Lines west of Missouri River	4,040
Lines leased	203
Narrow-gauge lines	68

Total operated June 30 1906 8,677

In Nov. 1905 an extension was proposed from Bridgeport, Neb., to Guernsey, Wyo., southeast to North Platte and thence to a connection with the main line east of the latter point, 250 miles. An extension, it was rumored, will also be built later from Guernsey, Wyo., to Salt Lake City. V. 81, p. 1436.

The Denver & Beaver Valley was incorporated late in 1904 to build from Oberlin, Kan., to Uray, Colo., 100 m. V. 81, p. 1847. Extension from Centalla to Herrin, Ill., 52 m., was opened in Mch. 1906. Extension under charter of Big Horn Southern from Frannie, Wyo., southeast to Worland, 91 m., was completed July 1906, to be extended about 75 m. to Shoshone Indian Reservation.

ORGANIZATION, &c.—This was a consolidation in July 1875 of the Chicago Burlington & Quincy in Illinois and the Burlington & Missouri Riv. in Iowa. Chicago Burlington & Northern and other subsidiary lines in Illinois were absorbed in May 1899. V. 68, p. 975. In 1900 purchased the remaining leased lines in Iowa and Missouri, viz.: Kans. C. St. Jos. & Coun. Bluffs, St. L. K. & N. W., Chlc. Burl. & K. C., Han. & St. Jos., Keokuk & West. and Chlc. Ft. Mad. & Des Moines, Burl. & Missouri, &c. V. 71, p. 697, 863, 963; V. 73, p. 137, 890.

In 1901 \$107,611,600 of the \$110,839,100 stock was exchanged for the joint 20-year 4% bonds of the Gt. Northern and Northern Pac., secured by the deposit of the stock in trust, on the basis of \$200 in bonds for \$100 stock. See circular, V. 72, p. 871, and application to list, V. 73, p. 293, and description of bonds under Gt. Northern.

For legal reasons the road is leased to the Chlc. Burl. & Quincy Railway (which see below) for 99 years from Oct. 1901 at 7% per annum on stock. V. 73, p. 842, 1011, 1061, 1207, 1312.

CAPITAL STOCK.—The stock has been increased for the acquisition of new lines, retirement of over \$15,000,000 convertible debentures, &c.; in 1880 a 20% distribution was made. See "Organization" above.

DIVS.—'81-'87 88. '80. '90. '91. '92. '93. '94. '95-'97. '98. '99 to Sep. '01. P. Ct. 3/8 y'ly. 5 4 5 4 1/2 5 5 4 1/2 4 y'ly. 5 1/2 6 yearly. Since under lease, 1 1/2 % paid Q.-J.; V. 74, p. 41.

BONDS.—For full description of each loan see the editorial article on pages 3 to 6 of "Supplement" of Oct. 1896, and "Chronicle" V. 63, p. 775.

The mortgage of 1899 secures bonds limited to \$85,000,000, and the lien securing the bonds became an absolute first mortgage covering all lines east of the Mississippi River upon the payment of \$21,689,000 consolidated mortgage 4% bonds on July 1 1905. V. 79, p. 2454. See V. 68, p. 771; abstract, V. 69, p. 283; V. 69, p. 795; V. 74, p. 1307; V. 75, p. 665; V. 78, p. 1391, 1961, 2383, 2441; V. 79, p. 211; V. 80, p. 2629; V. 83, p. 625.

The Iowa Division bonds are a first mortgage on the main line in Iowa from Burlington to East Plattsburgh on the Mo. River, 272 miles, and on 121 miles of branches; they are also a first collateral lien on 496 miles of branches and 86 miles of second track. These bonds have a sinking fund of 1 1/2% (\$203,800) yearly, for which the 4s are subject to call at 100 and the 5s at 105. The single main line and branches covered "shall not exceed in the aggregate 900 miles" at \$16,000 per mile on second track additional \$14,000 per mile. V. 65, p. 462.

Denver Ext. bonds can be increased only for 2nd track at \$10,000 per mile. The collateral trust Nebraska extension bonds of 1887 are issued at \$20,000 per mile for single and \$10,000 per mile for second track on not exceeding 1,500 miles. Abstract of deed V. 45, p. 441.

Burlington & Missouri RR. in Nebraska consol. mortgage of 1878 is for \$14,000,000, and is now a 1st M or 1st collateral lien; all except the exempt bonds are subject to call for the sinking fund at par \$193,400 retired in 1905. The "exempt" bonds may be called after 1903.

GENERAL FINANCES.—Corn being one of the principal articles carried, the earnings vary greatly according to the size of the crop.

ANNUAL REPORT.—Fiscal year ends June 30. Report for 1905-'06 was in "Chronicle" Oct. 20 (see also editorial) showing results on all lines operated and controlled.

MAP OF THE  
**CHICAGO & ALTON  
RAILROAD.**

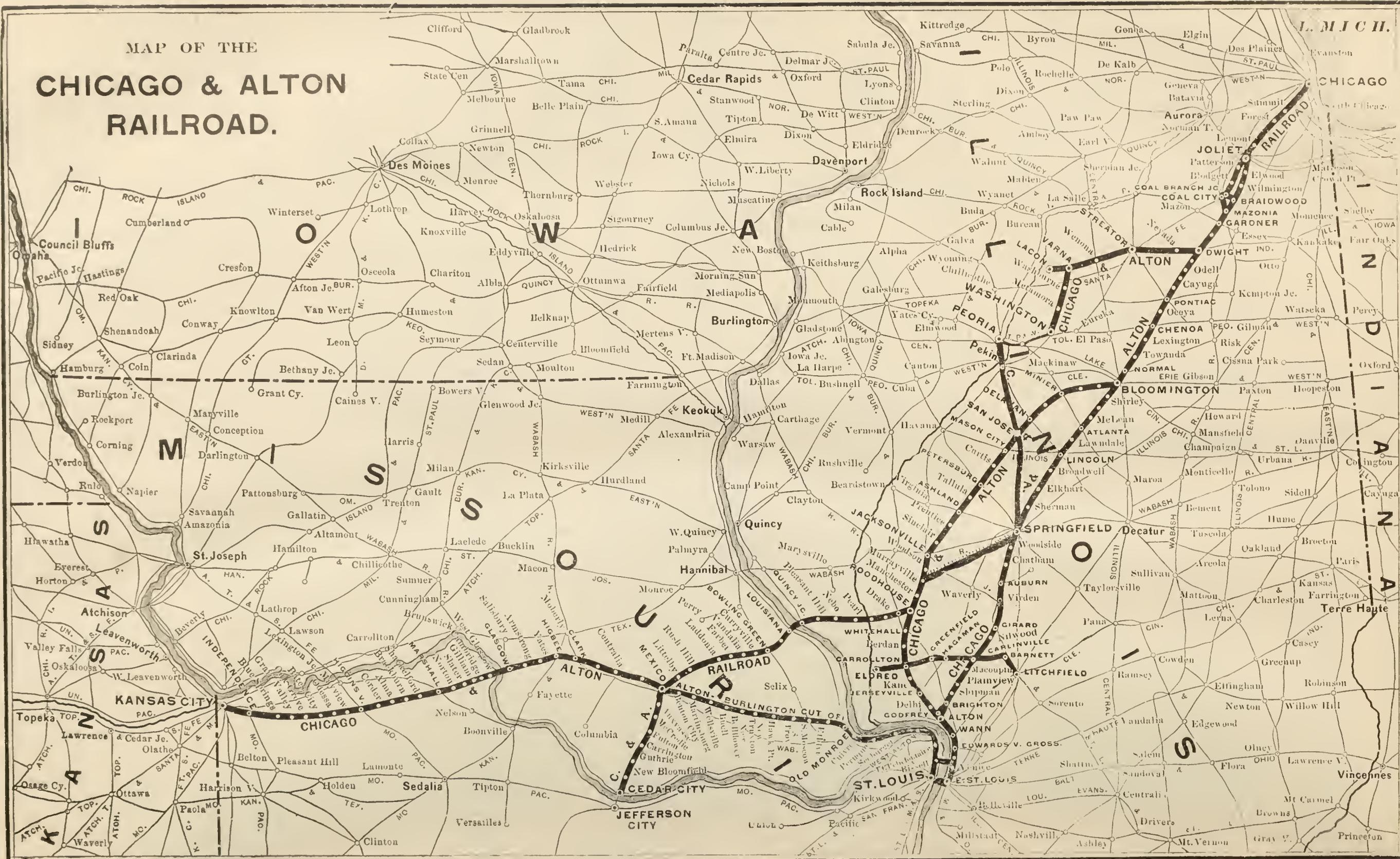


Table with columns: RAILROADS, Miles of Road, Date of Bonds, Size, or Par Value, Amount Outstanding, INTEREST OR DIVIDENDS (Rate %, When Payable, Where Payable, and by Whom), Bonds—Principal, When Due, Stocks—Last Dividend.

Table with columns: Miles operated June 30, Freight, Passenger, Mail and miscellaneous, Gross earnings, Expenses and taxes, Net, Other income, Total income, Interest, rent, &c., Balance, Int. on Nor. Pac.-Gt. Nor. joint bonds, Div. on C. B. & Q. stk. held by pub., 7%.

Surplus \$3,907,572. DIRECTORS.—Geo. B. Harris (Pres.), John J. Mitchell, Chicago, Ill.; Charles E. Perkins of Burlington, Ia.; J. J. Hill, James N. Hill, Geo. C. Clark, of St. Paul, Minn.; W. P. Clough, Robert Bacon, Norman B. Ream, Geo. F. Baker and Samuel Thorne of New York.—(V. 83, p. 625.)

CHICAGO BURLINGTON & QUINCY RAILWAY.—Leases the Chic. Burl. & Q. Railroad system for 99 years from October 1901 at 7% on its stock. Incorporated in Iowa on Oct. 16 1901. V. 73, p. 842, 1207. See C. B. & Q. Railroad above and Northern Securities Item, V. 73, p. 1357. Stock authorized, \$100,000,000; outstanding July 1906, \$10,000. The joint income acct. of the Railway and Railroad for year ending June 30 1905 shows surplus over 7% dividends on Railroad stock of \$4,969,925, or about 5% on the Railway stock.

Directors.—George S. Harris, Pres.; Charles E. Perkins, John S. Kennedy, James J. Hill, W. P. Clough, George W. Perkins, E. H. Harriman, M. L. Schiff, W. H. McIntyre, James Stillman and Darius Miller.—(V. 73, p. 842, 899, 1312; V. 83, p. 489.)

CHICAGO CINCINNATI & LOUISVILLE RR.—Owns Cincinnati to Hammond, Ind. (near Chicago), 264 miles. A consolidation June 4 1903; V. 76, p. 1247.

In Dec. 1904 the Cincinnati Hamilton & Dayton Ry. and the Pere Marquette RR. went into receiver's hands, and steps are being taken to annul their contracts concerning this company, whose stock was all pledged to secure \$3,500,000 collateral trust 4s (in default) issued by the Pere Marquette RR. Co. V. 81, p. 1722; V. 82, p. 48, 750. The management of this property was surrendered by the aforesaid receiver Jan. 1 1906 to the former owners, but the interest due Jan. 1 1906 on the general and ref. 4s of 1903 was paid by the company at maturity. V. 82, p. 99, 217.

Stock outstanding, \$4,206,000; par of shares, \$100. The Clin. Richmond & Muncie 1st 5s, Chicago & Cincinnati, and Clin. & Ind. West issues are all subject to call at 110 after 10 years from their issue, the Clin. Rich. & Muncie after Oct. 1910. See official statement, V. 71, p. 1066; V. 74, p. 1195. Of the gen. and ref. 4 1/2s of 1903 (American Loan & Trust Co. of Boston and Union Trust Co. of Indianapolis, trustees) sufficient are reserved to retire all prior issues, including equipment mortgages; bal. for extensions, improvements &c. V. 77, p. 349, 1532; V. 80, p. 649.—(V. 82, p. 48, 99, 217, 750.)

Table with columns: Lines owned in fee, Miles, Branches to Coal Mines, Dolton to Danville, Ill., Danville, Ill., to Brazil, Ind., Momenue Jct., Ill., to Brazil, Ind., Danville Jct., Ill., to Thebes, Ill., Joppa Jct. to Joppa, Ill., Clossna Jct. to Clossna Park, Ill., Rossville Jct. to Sidelc Jct., Ill., Percy Jct. to La Crosse Ind., Milford Jct., Ill., to Freeland Ind., Coal Bluff, Ind., to Casey, Ind., Woodland, Ill., to Villa Grove, Findley, Ill., to Pana.

HISTORY, LEASES &c.—In August 1902 the St. L. & San Fran. acquired the greater part of the stock, as said below. The road forms part of a through line to New Orleans opened in Jan. 1905.

The Chicago & East. Ill. owns \$1,000,000 stock of Chic. & Western Ind. Special lease of Chicago freight terminals. V. 78, p. 819. In 1904-05 acquired control of the Evansville & Terre Haute, which forms part of the through line between Chicago and Evansville. V. 55, p. 995; V. 81, p. 1239. In April 1905 the bridge of the Southern Ill. & Missouri Bridge Co. (which see) was opened across the Mississippi River, forming with St. Louis Southwestern a line to Texas points. V. 71, p. 1219; V. 74, p. 936.

STOCK.—Common stock issued \$7,217,800 (\$15,000 p. m.). In addition, \$6,408,300 com. and \$161,300 pref. were in treasury in July 1906.

In Aug. 1902 the St. Louis & San Francisco RR. gave in exchange for the common and preferred stock its stock trust certificates at the rate of \$100 thereof for each \$100 share. V. 75, p. 289. In January 1905 all of the \$7,217,800 common and \$6,211,700 of the \$8,992,000 preferred had been exchanged on this basis. The St. Louis & San Fran. has the option to retire the trust certificates at any time at \$250 per \$100 common stock trust certificate and \$150 per \$100 pref. stock trust certificate, payable in gold and obligates itself to pay off the entire issue in 40 years from date at the same rates, meanwhile obligating itself to pay 10% dividends on the common and 6% on the preferred trust certificates, respectively, these amounts being equivalent to 4% on the principal sum to be eventually received in payment therefor. Upon failure to pay any dividend within 30 days after demand therefor, any holder may surrender the certificates to the trustee and receive the shares represented thereby. V. 75, p. 289, 393, 1031; V. 82, p. 48. A majority of common stock trust certificates were in 1905

exchanged for certificates in denominations of \$1,000 each, representing 4 shares of common stock, bearing 4% interest, and payable in 1942 at face value. See form V. 80, p. 1856.

Table with columns: On pref., p.c., Common, p.c., and years '92-'97, '98, '99, '00, '01, '02, '03, '04, '05, 1906.

No later dividends on common stock declared (although paid and charged against earnings of fiscal years), because all exchanged for St. L. & S. F. trust certificates, 5% being paid out of earnings of year 1904-05, 5% extra from accumulated earnings of three years ending June 30 1905, and 8% from earnings of year 1905-06. V. 80, p. 2398; V. 82, p. 1101.

BONDS.—The general consol. and 1st mortgage of 1887 (trustee, Central Trust Co.) provides for the retirement of \$6,042,000 prior bonds and for issue of bonds on new road at \$18,000 per mile for single track, also for bonds for equipment at \$7,000 per mile and for double track at \$8,000 per mile. In 1897 the gen. consols. were limited to \$30,000,000. See V. 64, p. 1088; V. 78, p. 1446; V. 79, p. 1331; V. 80, p. 1728. Series B equipment bonds mature \$57,000 each June and Dec. and \$56,000 each March and Sept.; ser. C, \$53,000 semi-annually, J-J; ser. D, \$15,000 quar.; ser. E \$125,000 each, Feb. and Aug.; ser. F \$220,000 each Feb. and Aug.

The refunding and improvement gold 4s of 1905 (\$55,000,000 authorized issue) issued and issuable as follows:

Table with columns: Sold for improvements and to reimburse the company for its investment in the Thebes Bridge (see Southern Illinois & Missouri Bridge Co., V. 80, p. 1424) and in certain stocks and bonds of other companies (see V. 81, p. 1435), Issuable as required for additions and improvements, including equipment, Reserved to retire, \$ for \$, \$30,000,000 gen. consol. and 1st 5s of '37, Issued and issuable, and \$4,626,000 Chic. & Ind. Coal Ry. 5s.

GENERAL FINANCES.—This company owns most of the capital stock of the Brazil Block Coal Co., and carries all its coal. It carries also the coal of the Danville, Clinton and Williamson County fields. See V. 82, p. 451.

ANNUAL REPORT.—The report for 1905-06 was in V. 83, p. 887. Rate per ton per mile was 0.47 cents in 1905-06.

Table with columns: Year ending June 30, 1906, 1905, 1904, 1903. Miles operated June 30, Gross earnings, Oper. exp. and taxes, Net earnings, Net (incl. other income), Interest paid, Rentals, Div. on pref. stock, Div. on com. stock, Construct'n deprec'n, &c., Surplus.

OFFICERS.—Pres., A. J. Davidson, St. Louis; 1st Vice-Pres., Robert Mather, New York; Sec., J. S. Ford, N. Y. N. Y. office, 71 Broadway.—(V. 81, p. 1664; V. 82, p. 48, 451, 760, 1101, 1322; V. 83, p. 887.)

CHICAGO & ERIE RR.—(See Map Erie RR.)—Owns from Marlon, O., to Hammond, Ind., 249 miles, and leases trackage over Chicago & West Ind. to Chicago, 20 miles. Erie RR. Co. owns entire \$100,000 stock.

BONDS.—The first mortgage (trustees Central Trust Co. and Edward Daniels) covers 249 miles of road, the contract with the Chicago & Western Indiana, \$1,000,000 of that company's stock, and \$240,000 stock of Chicago Belt Ry. See abstracts V. 51, p. 911, V. 61, p. 750.

CHICAGO GREAT WESTERN RY (See Map).—HISTORY.—The Chicago St. Paul & Kansas City was organized in May 1886, and in December 1887 merged with Minnesota & Northwestern. In August 1892 re-organized per plan, Vol. 55, p. 856.

On Sept. 7 1893 the Great Western acquired by deed the title of the Chicago St. Paul & Kansas City Ry. (815.67 miles). In June 1902 the old mortgages were satisfied of record; V. 74, p. 726. As to 7-year contracts made in 1902 with packing companies, see V. 75, p. 341.

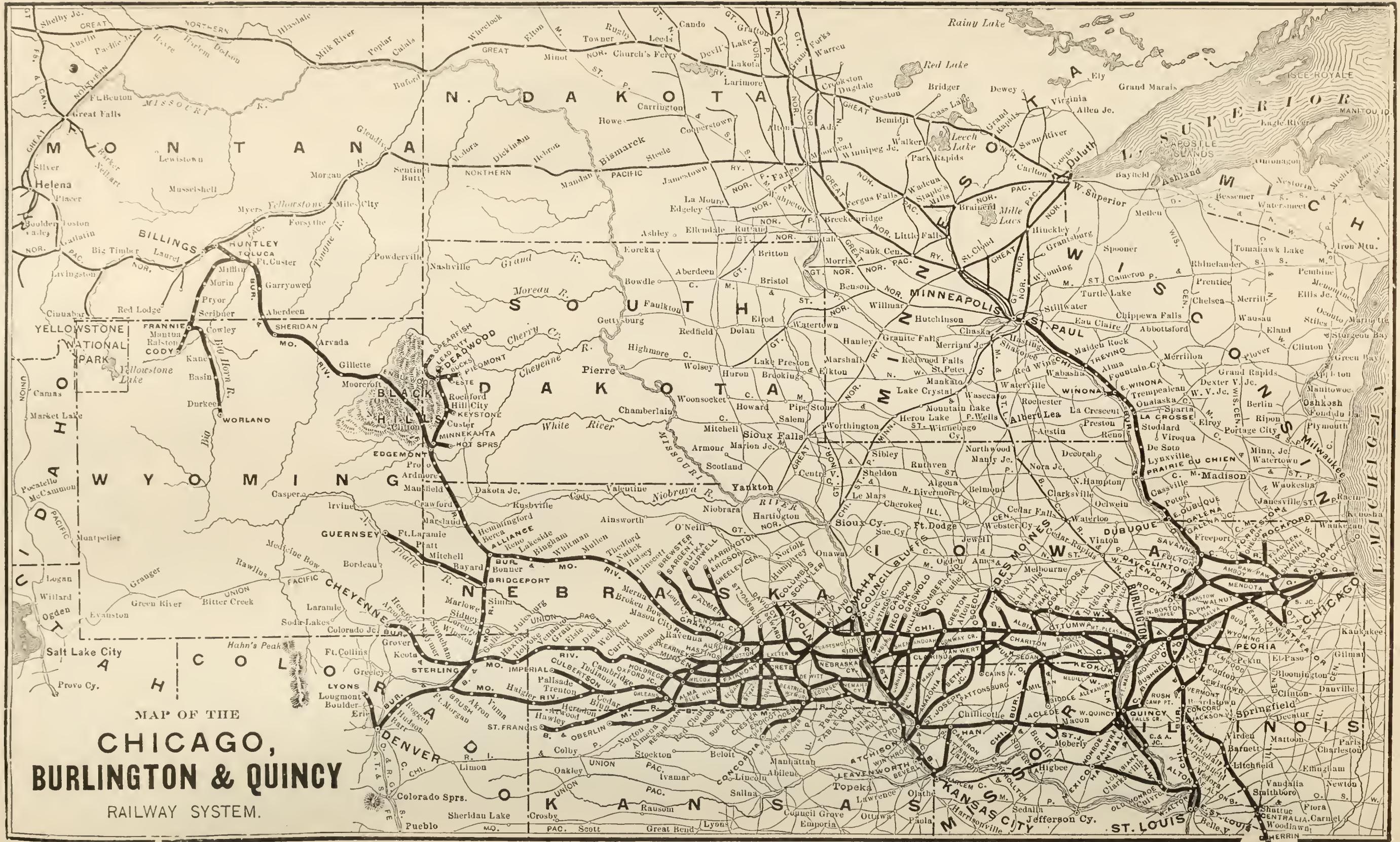
ROAD.—Operates the "Maple Leaf" route, radiating from Oelweln, Ia., northerly to St. Paul, easterly to Chicago and southerly and westerly to Kansas City and Omaha, embracing:

Table with columns: Lines owned (total, 757 miles), Operated under agreement, Miles. Oelweln to St. Paul, Oelweln to St. Joseph, Bee Creek to Beverly, Sumner to Waverly, DeKalb, Cedar Falls, &c., branches, Trackage, &c. (total, 83 miles), Chicago Terminals, Dubuque to Alken, Des Moines Terminals, Beverly to Kansas City, St. Joseph to Bee Creek.

Grand total owned, leased and operated under contract, 1,496. Deduct Sumner to Waverly, Ia., leased Jan. 1 1904 to Waterloo & C. F. R. Ry., 22.

Total operated, 1,474.

SECURITIES.—The holders of debentures and preferred A stock appoint the finance committee, which exercises general supervision of finances. Additional securities of said issues can be put out, but only with consent of a majority of both said classes of stock present at a meeting. Securities of other issues having a lien prior to preferred A can be created, but only with consent of two-thirds of both classes. The several classes in case of liquidation will have principal paid in gold, according to their priority right to dividends. At extraordinary general meetings of holders of debentures



MAP OF THE  
**CHICAGO,  
 BURLINGTON & QUINCY**  
 RAILWAY SYSTEM.

RAILROADS. <i>For explanation of column headings, &amp;c., see notes on first page of tables.</i>	Miles of Road.	Date of Bonds.	Size, or Par Value.	Amount Outstanding	INTEREST OR DIVIDENDS.			Bonds—Principal, When Due. Stocks—Last Dividend.
					Rate %	When Payable.	When Payable, and by Whom.	
<b>Chicago &amp; E Ill (Concluded)</b>								
Car trusts including int Jan '06 due \$10,921 monthly		1903		\$797,075			First Nat Bank, Chicago	To April 5 1913
Equipment bonds Series B due quarterly		1903	1,000	904,000	5	M & S	Blair & Co, New York	To Sept 1910
do do Series C & D due \$68,000 semi-an		1905	1,000	1,156,000	4 1/2	J & J	do do	To Jan 1 1915
do Series E due \$125,000 s-a (V 81 p 1043) -Ba		1905	1,000	2,250,000	4 1/2	F & A	do do	Feb '07-Aug '15
do Series F due \$220,000 s-a (V 82 p 750) -Ba		1906	1,000	4,180,000	4 1/2	F & A	do do	Feb '07-Feb '16
<b>Chicago &amp; Erie—1st M gold int guar till prin paid. Ce.c*</b>		249	1,000	12,000,000	5 g	M & N	Erle RR, New York	May 1 1982
Income bonds for \$10,000,000 5% non-cum.---N		249	1,000 &c	10,000,000	Mostly owned by		Erle RR	Oct 1 1982
Terminal first mortgage gold		1888		300,000	5 g	J & J	Erle RR, New York	July 1918
<b>Chicago &amp; Grand Trunk—See Grand Trunk West Ry.</b>								
<b>Chicago Great Western—</b>								
Debenture stock cumulative gold \$30,000,000			100	26,127,089	4 g	J & J		July 15 1906 2%
Preferred stock A \$15,000,000 5% gold			100	11,336,900	5 ln 1906	A & O		Oct 1 '06 2 1/2
Preferred stock B 4% (\$24,000,000 authorized)			100	23,103,842	None		R. Benson & Co, London, England	
Common stock \$50,000,000			100	44,464,545	paid			
Sterling 5-year notes 5s (no mortgage)		1902	Various	165,455	5 g	Semi-an		1906 and 1907
Sterling 5-year notes (no mortgage) redeem at 101		1903	Various	3,342,545	5	Semi-an		Various 1908
Gold notes redeemable at 101		1904	Various	1,572,757	5	Semi-an		Various 1909
Gold notes \$2,500,000 authorized red at 101.---c&r		1904	5,000	2,499,697	5 g	F & A	Blair & Co, New York	Aug 1 1909
Gold notes \$1,000,000		1906	Various	892,606	5 g	Semi-an	R Renson & Co, London	Various 1911
<b>Chicago &amp; Great Western—See Chicago Term Trans R</b>								
<b>Chicago Hammond &amp; Western—See Chicago Junc Ry</b>								
<b>Chicago &amp; Ill Mid—1st M \$5,000,000 g red text.---IC.c*</b>		1906	1,000	350,000	5 g	F & A	Chase Nat Bk, N Y; or Ch	Feb 1 1956
<b>Chicago &amp; Ill W—1st M \$500,000 g red par aft 3 yrs. AC</b>		1905	1,000	500,000	5 g	J & J	Amer Trust & Sav Bk, Ch	July 1 1945
<b>Chicago &amp; Indiana Coal—See Chicago &amp; Eastern Ill</b>								
<b>Chicago Ind &amp; Eastern—1st M \$1,000,000 gold.---N.c*</b>		43	1902	1,000	500,000	5 g	M & N	Nov 1904 coup last paid
Improvement mortgage \$100,000 gold red at 103		1903	500	(?)	6 g	J & D	Met Trust & Sav Bk, Chic	Jan 1 1909
<b>Chic Ind &amp; So—Ind Ill &amp; Ia 1st M \$12,000,000 g.---IC.c*</b>		203	1900	1,000	4,850,000	4 g	J & J	Treas, Grand Cent Stat'n
<b>Chicago Indianapolis &amp; Louisville—Common stock</b>								
Preferred 4% non-cumulative \$5,000,000			100	10,500,000	3 ln 1905	J & D	J P Morgan & Co, N Y	June 28 '06 1 1/2
L N A & C 1st Main Line—N A to Michigan City.---c*		289	1880	1,000	3,000,000	6	J & J	do do
1st M Chic & Ind Div, Chicago to Ind gold.---c*		162	1881	1,000	2,300,000	6 g	F & A	do do
C I & L refunding mortgage \$10,300,000 gold.---Ce		509	1897	1,000	4,942,000	5 g	J & J	do do
do gold 6s issued for old consols		509	1897	1,000	4,700,000	6 g	J & J	do do
Con Stone Co 1st M \$250,000 gold guar p&l red text			1900	1,000	68,000	6 g	M & N	Amer Tr & Sav Bk, Chic
Indiana Stone RR first mortgage guaranteed			1,000	In treasury.	5 g	M & S	New York	Sept 1 1948
Indianap & Loulv 1st M gold gu \$25,000 p m.---S			1906	1,500,000	4 g			50 years
<b>Chicago Indianapolis &amp; St Louis Short Line—See Cle</b>								
<b>Chicago Junction RR—1st M \$2,327,000 gold red 105c*</b>		1905	1,000	1,800,000	4 g	M & S	N W Harris & Co, Chic	Mar 1 1945

stock and preferred A stock collectively holders of one-tenth of said stocks outstanding, present or represented, constitute a quorum, and by a majority vote have power to sanction any modification of the rights of said stocks. For rights of each stock see editorial in "Supp." for Oct. 1897; see also V. 71 p. 441.

In 1898 the authorized issue of 4% debenture stock was increased from \$15,000,000 to \$30,000,000 for future refunding and improvements. See Finances below. V. 66, p. 133, 663, 1088.

In Nov. 1902 \$6,500,000 common stock was issued to purchase part of stock of the Mason City & Ft. Dodge RR, and part of stock of Wis. Minn. & Pacific RR., 271 miles. V. 75, p. 1201. Stockholders voted Feb. 18 1903 to increase common stock from \$30,000,000 to \$50,000,000, \$14,538,700 being exchanged for additional stock of the Mason City & Fort Dodge and Wisconsin Minnesota & Pacific, raising the amount outstanding to \$44,464,545. V. 75, p. 1201, 1253; V. 78, p. 1548; V. 80, p. 649, 2219.

The stockholders voted Sept. 7 1905 to authorize an increase in the preferred B stock from \$10,000,000 to \$24,000,000, the new stock being exchanged, dollar for dollar, for Mason City & Ft. Dodge preferred stock. V. 80, p. 2457 2620; V. 82, p. 1379.

The gold notes are a direct obligation ahead of the debenture stock. No lien can be placed on property without providing for their payment. V. 79, p. 902. Equipment lease warrants June 1906, \$272,271.

**DIVIDENDS.**—On pref. "A" paid Jan. 1899, 2%; in July 1899 2%; in 1900 to Feb. 1904, 5% yearly. In 1906, 5%. (A & O).

**FINANCES.**—In 1903-4 \$4,000,000 five-year 5% notes were issued. V. 76, p. 809; V. 78, p. 1219; V. 79, p. 626.

Both the Mason City & Ft. Dodge RR. and the Wisconsin Minnesota & Pacific RR. are operated for 100 years under agreements dated April 1 1901, the Chic. Gt. West. receiving their entire net earnings above interest on bonds and owning their entire stocks. By later agreement the Mason City & Ft. Dodge receives 60% on business interchanged, any surplus above interest to be held for payment of future coupons. See separate statements for each Co. V. 73, p. 566, 722; V. 74, p. 93; V. 75, p. 1201; V. 80, p. 1911.

In April 1905 \$12,000,000 Mason City & Ft. Dodge 4% bonds were sold. See that company and V. 80, p. 1363, 1911.

**EARNINGS.**—2 mos., 1906. Gross, \$1,588,659; net, \$511,746. July 1 to Aug. 31, 1905. Gross, 1,346,933; net, 409,431.

Earnings since Jan. 1904 are based on 818 miles of road proper, only the net earnings of the proprietary lines over bond interest being included.

REPORT.—Report for 1905-06, V. 83, p. 621, 630.	1906.	1905.	1904.	1903.
Year ending June 30—	1906.	1905.	1904.	1903.
Average miles	818	818	874	929
Gross earnings	\$8,573,148	\$7,377,711	\$8,022,674	\$7,823,191
Net income	2,539,493	2,038,618	1,902,632	2,184,662
Rentals (incl. equipment)	426,951	433,516	431,368	408,144
Interest paid	372,237	368,726	283,625	174,585
Int. in cash on 4% deb. stk.	1,044,978	1,044,976	1,044,976	1,025,693
Div. on pref. stock "A" (5) 568,620			(2 1/2) 284,310	(5) 568,620

Balance sur. 126,706 sur. 191,400 def. 141,647 sur. 7,620

**OFFICERS.**—Pres., A. B. Stickney; Vice-Pres., A. Oppenheim; Sec., R. C. Wight; Treas., R. O. Barnard; all of St. Paul.

Directors—A. B. Stickney, A. Oppenheim, S. C. Stickney, F. Weyerhaeuser, J. W. Lusk, H. E. Fletcher, T. H. Wheeler, M. D. Flower, R. C. Wight. N. Y. office, 31 Nassau St.—(V. 83, p. 432, 621, 630.)

**CHICAGO & ILLINOIS MIDLAND RY.**—Owns Auburn, Ill., to Pawnee, 9 miles; extension under construction easterly to Taylorville, 17 miles. Stock authorized, \$2,000,000; outstanding, \$490,000 (par of shares \$100), a majority being owned by Illinois Midland Coal interests. The bonds are subject to call on terms to be fixed for the several issues; the \$780,000 bonds issued on the first 26 miles may be called at 110 on Aug. 1 1910 or any subsequent interest day. See V. 82, p. 452, 803. (V. 82, p. 803.)

**CHICAGO & ILLINOIS WESTERN RR.**—To extend from Western Ave., Chicago, southwesterly to Joliet, Ill., with branches, a total of 54 miles, of which 15 miles in operation and balance was expected to be by Sept. 1906. Extension reported to be proposed from Joliet to Gary. V. 83, p. 491. Stock, \$500,000, to be increased to \$1,000,000; par, \$100. Bonds, see table above. Pres., W. E. Phillips. Office, 184 La Salle St., Chicago, Ill.—(V. 83, p. 491.)

**CHICAGO INDIANA & EASTERN RY.**—Owns Converse, Ind., to Muncie, 43 miles. In Sept. 1904 G. W. Bartlett of Muncie, Ind., was appointed receiver, the floating debt being over \$150,000. V. 79, p. 1022, 1265. On Oct. 29 1904 \$30,000 receiver's certificates were authorized. V. 79, p. 2084. Capital stock authorized, \$1,000,000. In year ending June 30 1903 gross earnings, \$125,029; net earnings, \$39,230; total deductions, \$32,024; balance, surplus, \$7,206.—(V. 79, p. 1022, 1265, 2084.)

**CHICAGO INDIANA & SOUTHERN RR.**—(See Maps N. Y. Cent. & Hud. Riv. RR.)—Owns from South Bend, Ind., to Seatonville, Ill., 192 m., with branches, 11 m., and trackage, 9 m. (former Ind. Ill. & Iowa RR.); Danville, Ill., to Chicago (former Ind. Harbor RR.), 128 m.; total, 340 m. A consolidation April '06 of the Ind. Ill. & Iowa, Ind. Har. RR. and Danville & Ind. Har. RR. V. 82, p. 803, 867. Stock, \$20,000,000, of which \$5,000,000 is 4% cum. pref., the Lake Shore & Mich. Southern subscribing for \$17,000,000 and the Mich. Cent. for \$3,000,000.

**BONDS.**—Of the \$12,000,000 Indiana Ill. & Iowa 4s of 1901, \$7,500,000 were issuable only for new property and improvements; of these \$350,000 were issued in 1902. V. 71, p. 1269; V. 72, p. 87, 722; V. 74, p. 1251. The details of the new bonds to be issued had not been arranged in Sept. 1906.

**EARNINGS.**—For 8 months ending Aug. 31 1906, gross, \$1,483,020; in 1905, \$1,372,085.

**REPORT.**—Report of Ind. Ill. & Iowa for year ending Dec. 31 1905 in V. 82, p. 802, showed: Gross earnings, \$1,812,461; net, \$473,458; other income, \$5,429; charges and taxes, \$245,875; divs. (4%), \$200,000; new construction and equipment \$30,889; bal., sur., \$2,123.—(V. 82, p. 1322.)

**CHICAGO INDIANAPOLIS & LOUISVILLE RY.**—(See Map.)—Operates the "Monon Route" from Chicago, Ill., via Monon, Ind., to Indianapolis, Ind., and Louisville, Ky., with branches. The system includes:

Lines owned—	Miles.	Oper. under contract—	Miles.
Indiana State Line to Indianapolis	162	Chicago to Indiana State Line	20
New Albany to Michigan City	289	New Albany to Louisville	6
Bedford to Switz City	40	Connection in Indianapolis	2
Orleans to French Lick Springs	18	Clear Creek to Harrodsb'g, Ind.	9
		Switz City to west of Linton	10
		Gospport Jct. to Switz City, Ind. (coal only)	35

Total of all June 30 1906. 591

A lease for 999 years with Chicago & Western Indiana (of whose stock this company owns \$1,000,000) gives entrance to Chicago on a mileage basis. Owns one-third interest in Kentucky & Indiana Bridge at Louisville, Ky.

Owns entire stock of Indianapolis & Louisville RR., projected from at or near Indianapolis to Evansville, &c., of which 60 miles from Cloverdale to coal fields of Southern Indiana was under construction Mch 1906. Dividends of 4% are guaranteed under 99-year lease and bonds guaranteed principal and interest. See "Bonds" below. V. 82, p. 509; V. 83, p. 888.

**HISTORY.**—Successor July 1 1897 of Louisville New Albany & Chicago, foreclosed per plan in V. 63, p. 922. Suit settled. V. 75, p. 1031.

In Aug. 1902 the Louisville & Nashville and Southern Ry. acquired 93% of \$10,500,000 common and 77% of \$5,000,000 preferred stock, on the basis of \$78 and \$90 per \$100 share respectively by the stock acquired. See description of bonds under Louisville & Nashville. V. 74, p. 1088, 1138; V. 75, p. 28.

**DIVIDENDS.**—On pref., 1899, 1%; Oct. 1900 to June 1906, both inclusive, 4% per annum. On common, 1902, 1%; 1903, 3 1/4%; 1904, June 1 1/2%, Dec., 1 1/2%; 1905, 3% (J. & D.); 1906, June 1 1/2%.

**BONDS.**—Refunding mortgage covers road, equipment, &c. (including \$1,000,000 stock of Ch. & W. Ind. and \$240,000 stock of the Belt Ry. of Chicago); total authorized issue is \$15,000,000, of which reserved to take up existing divisional bonds at maturity, \$5,300,000; to be issued only for betterments and equipment, not to exceed \$300,000 in any one year, \$2,091,000 of the latter of which \$2,033,000 had been issued to Feb. 1906. Of the Consolidated Stone bonds, the balance may be called Jan. 1 1907. V. 73, p. 11.

Indianapolis & Louisville guaranteed bonds, of which \$1,500,000 sold in Feb. 1906, see above. V. 82, p. 508.

**EARNINGS.**—2 mo., 1906. Gross, \$1,064,574; net, \$393,809. July 1 to Aug. 31, 1905. Gross, 1,058,192; net, 399,062

ANNUAL REPORT.—In V. 83, p. 888, showed:	1905-06.	1904-05.	1903-04.	1902-03.
Year ending June 30—	1905-06.	1904-05.	1903-04.	1902-03.
Gross earnings	\$5,921,002	\$5,614,903	\$5,300,623	\$5,066,131
Net earnings	1,933,063	1,979,710	1,884,454	1,949,773
Dividends, &c., received	249,475	160,432	257,031	155,751

Total net income	\$2,232,538	\$2,140,142	\$2,141,485	\$2,105,524
Interest on bonds	\$772,100	\$772,100	\$772,100	\$772,100
Rentals, &c.	262,801	253,094	250,023	224,193

Total	\$1,034,901	\$1,025,194	\$1,022,123	\$996,293
Surplus for dividends	\$1,197,637	\$1,114,948	\$1,119,362	\$1,109,231
Dividend on pref., 4%	200,000	200,000	200,000	200,000
Dividend on common	(3) 315,000 (2 1/2) 288,750 (2 1/2) 262,500 (2 1/2) 262,500			

**OFFICERS.**—Pres and Gen. Man., W. H. McDoel, Chicago; Vice-Pres. Morton F. Plant, New York; Treas., Byron Cassell, 198 Custom House Place, Chicago; Sec., J. A. Hilton, 80 Broadway, N. Y.

Directors.—Thos. W. Joyce, A. H. Gillard, A. T. French, Chas. Steele, R. M. Gallaway, Temple Bowdoin, Morton F. Plant, New York; W. H. McDoel, G. B. Shaw, E. C. Field, Chicago; J. Murdock, Lafayette, Ind.—(V. 81, p. 974, 1098; V. 82, p. 392, 508; V. 83, p. 686, 888.)

**CHICAGO JOLIET & KANSAS CITY RR.**—Projected from Chicago, via Joliet to Kansas City, Mo., about 500 miles, with branches to Keokuk, Mo., etc. Promoted by Dolse & Shepherd, of Chicago, who are interested in the Chicago & Illinois Western, and an Eastern syndicate. Stockholders voted Oct. 15 1906 to increase the authorized stock from \$1,000,000 to \$12,000,000, of which \$2,000,000 preferred, and making a bond issue of \$12,000,000. V. 83, p. 379, 491. Sec., E. V. Hoagland.—(V. 83, p. 379, 491.)

**CHICAGO JUNCTION RR.**—To be an elevated road, 3.75 miles of track, extending from junction with South Side Elevated RR. at 40th St. to the Stock Yards. Leased to South Side Elev. for 50 years (with right to purchase at cost within 20 years) at a rental covering bond interest and all expenses. Capital stock, \$50,000. Bonds are guaranteed, prin. and int., by Chicago Junction Railways & Union Stock Yards Co.; they are subject to call at 105 after 1910. Form of guaranty, V. 82, p. 568.—(V. 82, p. 568.)

**CHICAGO JUNCTION RAILWAY.**—Owns and operates a belt line around Chicago from Whiting, Ind., to Franklin Park, Ill., from Chappell, Ill., to U. S. Yards, and in the Union Stock Yards district connects with industries and all diverging roads. Mileage operated (first track only) 74.93 m., of which Chicago Junction Ry. owns 27.48, the balance being operated under lease, trackage rights and other agreements; total mileage including second track yard track and sidings, 271.38 miles.

**STOCK.**—The entire capital stock, \$2,200,000, is owned by the Chicago Junction Rys. & Union Stock Yards Co. See Industrial Cos.

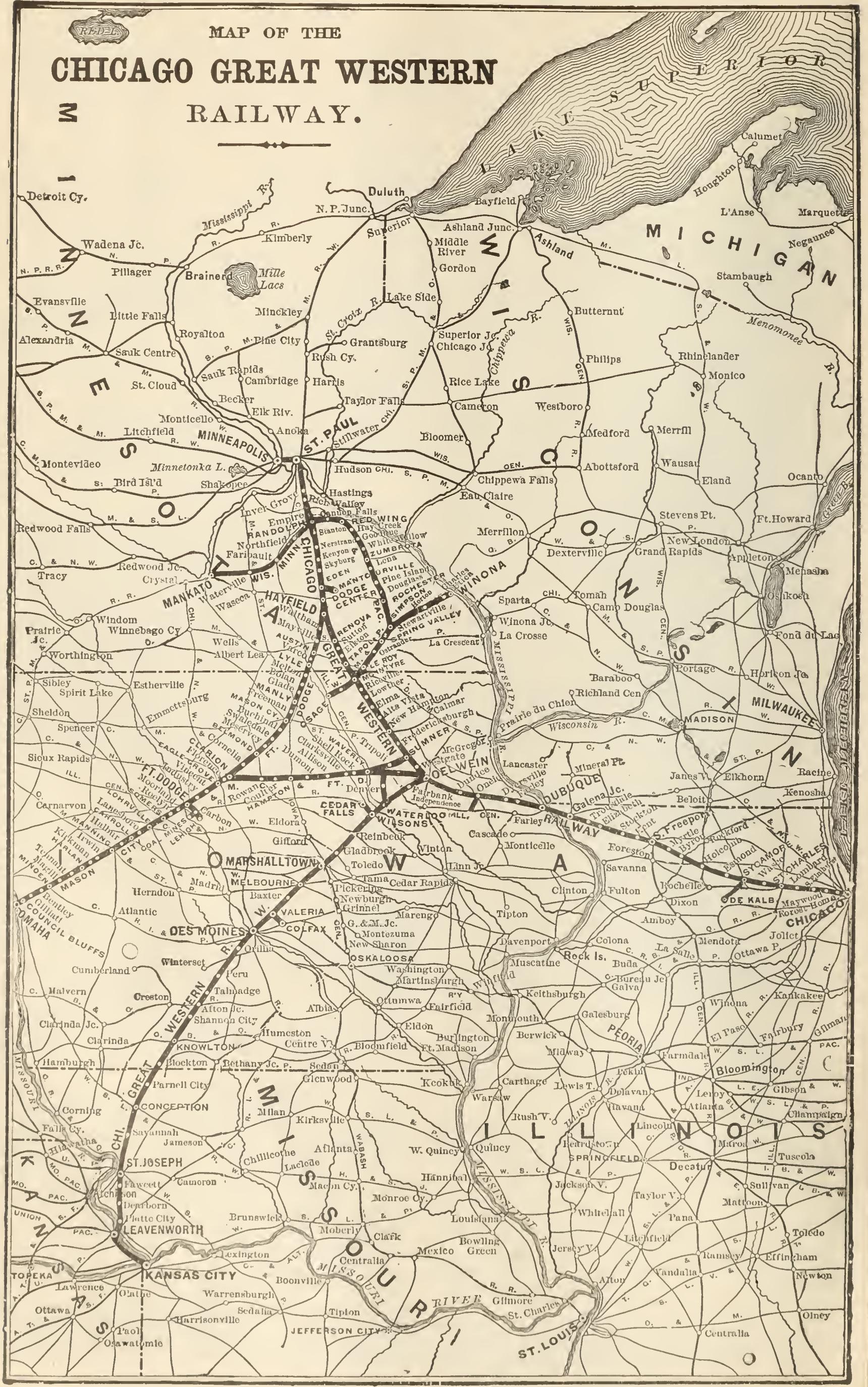
**BONDS.**—First mortgage of C. H. & W., for \$2,500,000 (trustee, E. Francis Hyde, N. Y.), assumed. V. 64 p. 287.

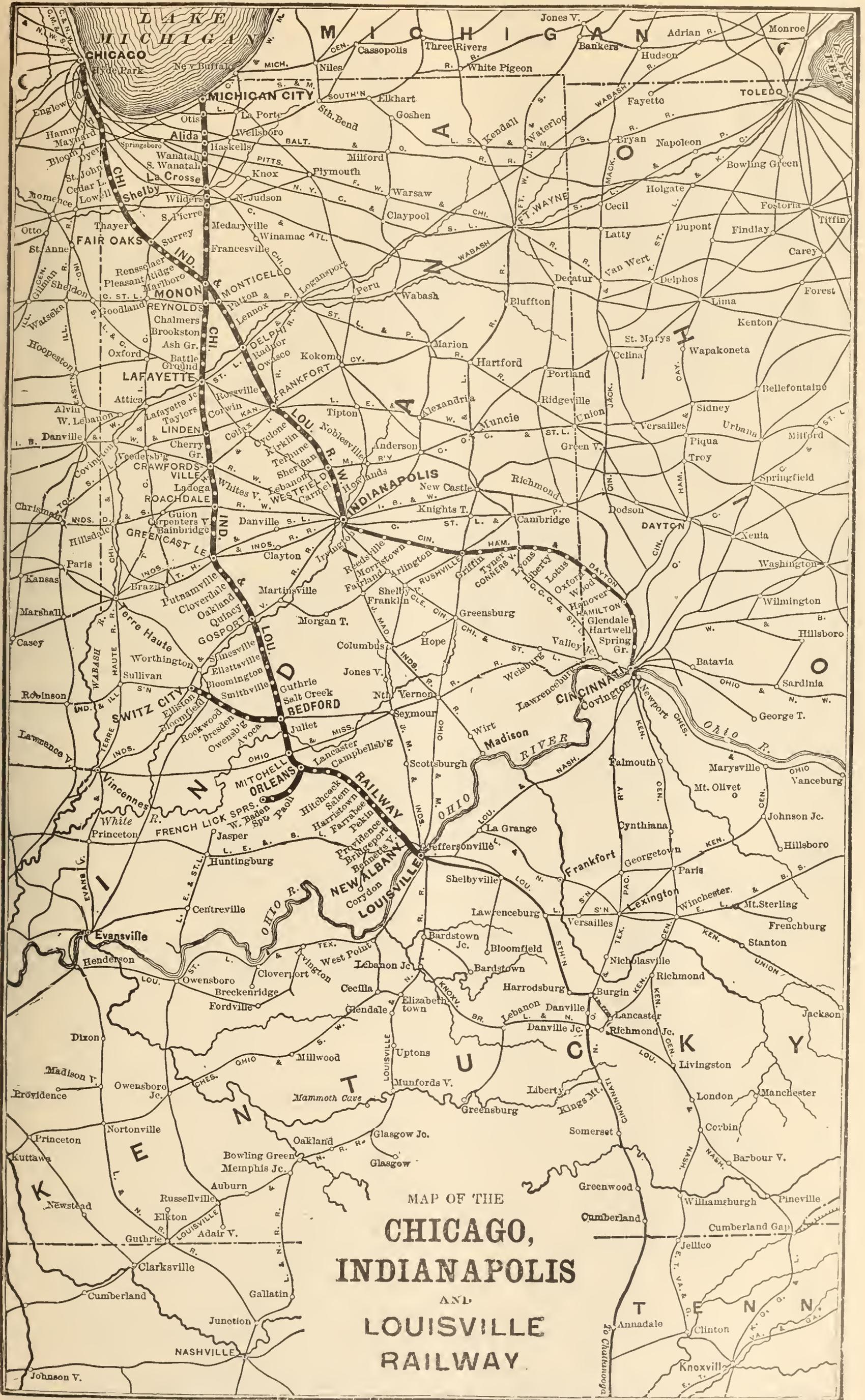
**EARNINGS.**—For year ending Dec. 31 1905, gross, \$2,715,246; net, including other income, \$359,468; charges, \$164,613; dividends (6%), \$132,000; surplus \$62,855.—(V. 78, p. 583; V. 80, p. 649, 711.)

**CHICAGO KALAMAZOO & SAGINAW RY.**—Owns 55 m., Pavillon to Woodbury, Mich. Stock, com., \$2,000,000; pref., \$450,000; outstanding, com., \$675,000; pref., \$271,000; par of shares, \$100. The 1st mort. is for \$225,000 to Union Trust Co. of Detroit, as trustee; bonds all in treasury; current accounts Dec. 31 1904, \$45,341. In 1904, gross, \$125,772; net, \$28,949; other income, \$4,384, taxes and rentals, \$7,872; dividends, \$22,500. Pres., E. Woodbury; Treas and Secy., W. J. Kealey, Kalamazoo, Mich.—(V. 61, p. 1063.)

**CHICAGO LAKE SHORE & EASTERN RY.**—See issue of Jan. 1906.

# MAP OF THE CHICAGO GREAT WESTERN RAILWAY.





RAILROADS. For explanation of column headings, &c., see notes on first page of tables.	Miles of Road.	Date of Bonds.	Size, or Par Value.	Amount Outstanding	INTEREST OR DIVIDENDS.			Bonds—Principal, When Due. Stocks—Last Dividend.
					Rate %	When Payable.	Where Payable, and by Whom.	
Chicago Junction Ry—Chic Ham & W 1st M gold...c* &r	27.48	1897	\$500 &c	\$2,500,000	6 g	J & J	Central Trust Co, N Y	Jan 1 1927
Chicago Milwaukee & St Paul—Com stock (see text)	---	---	100	82,986,709	7 in 1906	A & O	N Y Office, 30 Broad St	Oct. 16 '06 3 1/2
Preferred stock 7% yearly, not cum. \$124,654,400	---	---	100	49,654,400	7	A & O	do	Oct. 16 '06 3 1/2
1 & D Exten 1st M convertible into preferred...F.c*	335	1878	1,000	504,000	7	J & J	do	July 1 1908
S W Div first mortgage Western Union RR...c*	212	1879	1,000	4,000,000	6	J & J	do	July 1 1909
Southern Minnesota Division first mortgage...F.c*	419	1880	1,000	7,432,000	6	J & J	do	Jan 1 1910
Mineral Point Division first mortgage...F.c*	133	1880	1,000	2,840,000	5	J & J	do	July 1 1910
Hast & Dak Div Ext first mortgage \$990,000 5s...F.c*	395	1880	1,000	6,670,000	5 & 7	J & J	do	Jan 1 1910
Lacrosse & Dav Division first mortgage...F.c*	185	1879	1,000	2,500,000	5	J & J	do	July 1 1919
Wisc Val RR Co 1st M Tomah to Merrill, Wis...c	107	1879	500	1,106,500	7	J & J	Lee Higginson, Boston	Jan 1 1909
Wisc Val Div 1st M sink fd not drawn...NB.c*	161	1880	1,000	2,002,000	6	J & J	Office, 30 Broad St, N Y	July 1 1920
Dub Div 1st M sinking fund not drawn...NB.c*	351	1880	1,000	5,367,000	6	J & J	do	July 1 1920
Chic & Pac Div 1st M (Chic to Klitredge)...F.c*	120	1880	1,000	3,000,000	6	J & J	do	Jan 1 1910
do Western Div 1st M (see text) gold...F.c*	1,117	1881	1,000	25,340,000	5 g	J & J	do	Jan 1 1921
Chicago & Lake Superior Div 1st M gold...F.c*	68	1881	1,000	1,360,000	5 g	J & J	do	July 1 1921
Wisc & Minn Div first mortgage gold...F	230	1881	1,000	4,755,000	5 g	J & J	do	July 1 1921
Fargo & Southern first mortgage gold assumed...F	119	1883	1,000	1,250,000	6	J & J	do	Jan 1 1924
Chic Milw & St P Terminal mortgage gold...F.c*	---	1884	1,000	4,748,000	5 g	J & J	do	July 1 1914
Dakota & Great Southern first mortgage gold...F	159	1886	1,000	2,856,000	5 g	J & J	do	Jan 1 1916
Chicago & Missouri River Div. first mortgage...F.c*	77	1886	1,000	3,083,000	5	J & J	do	July 1 1926
General M (for \$150,000,000) gold Series A. Us.c* &r	5,722	1889	1,000	a24,000,000	4 g	J & J	do	May 1 1989
do do Series A registered...c*	5,722	1889	1,000		4 g	Q—J	do	May 1 1989
do do Series B...c*	5,722	1889	1,000	a11,164,000	3 1/2 g	J & J	do	May 1 1989
do do Series B registered...c*	5,722	1889	1,000		3 1/2 g	Q—J	do	May 1 1989
Milwaukee & Northern 1st M Schwarz to Gr Bay...c*	126	1880	1,000	2,155,000	6	J & D	do	June 1 1910
Consolidated mortgage...c*	362	1884	1,000	n4,003,000	6	J & D	do	June 1 1913
Chicago & N. W.—Com stk to be \$177,604,880 auth. Tr	4,273	---	100	75,217,300	7 in 1906	J & J	Co.'s Office, 52 Wall, N Y	July 2 1906 3 1/2
Preferred stock (not cumulative) see text...Tr	4,273	---	100	22,395,120	8 in 1906	Q—J	do	Oct. 1 1906 2%
Chic & N W con sink fd M (\$12,900,000) not dr...F.c*	788	1865	1,000	12,832,000	7	Q—F	do	Feb 1 1915
Cedar Rapids & Missouri River—1st M 3d Div...F	150	1866	500 &c	2,332,000	7	M & N	do	May 1 1916
Mortgage of 1884 Cedar Rapids to Des Moines Riv	122	1884	---	769,000	7	J & D	do	June 1 1909
Madison Exten 1st M g (s f \$23,000 not drawn)...F	129	1871	500 &c	b2,977,500	7 g	A & O	do	April 1 1911
Menominee Exten 1st M g (s f \$20,000 not dr'n)...F	114	1871	500 &c	c2,546,500	7 g	J & D	do	June 1 1911
North Union 1st M gold Mil to Fond-du-Lac...F	62	1872	500 &c	d3,365,000	7 g	M & S	do	June 1 1917

a Including June 1906 \$2,214,000 of 3 1/2s and \$159,000 of 4s in treasury and not listed (see text). n \$1,089,000 additional in treasury. Also in sink. fund July, 1906: b \$172,500; c \$150,500; d \$135,000.

**CHICAGO MILWAUKEE & ST PAUL RY.**—Operates from Chicago westerly to St. Paul, Minneapolis and Lake Superior, Omaha, Neb., and Kansas City, Mo., with lines traversing Illinois, Iowa, Missouri, Michigan, Wisconsin, Minnesota and the Dakotas, viz.

**Road—** Miles. **Road—** Miles.  
 Lines owned (of which 28 miles owned jointly) 7,015  
 Second and third tracks 386  
 Trackage (including 2d track) 289  
**HISTORY, &c.**—The Milwaukee & St. Paul RR. Co. was organized May 5 1863 and on Feb. 11 1874 took its present name. The system has since been greatly extended by the construction and acquisition of other lines. The sale of the Milwaukee & Northern to the St. Paul was ratified in Sept. 1893. The White River Valley RR., with \$50,000,000 authorized stock, authorized to build from Chamberlain, S. Dak., the present western terminus of the St. Paul, to Rapid City, 219 miles, has completed 76 miles west from Chamberlain, S. D. V. 80, p. 1110; V. 81, p. 849, 1492; V. 83, p. 682  
 In Nov. 1905 extension was authorized from western terminus at Everts, S. D., to Seattle and Tacoma, about 1,500 m., expected to be completed in about three years, construction having commenced at the Pacific Coast end and contract let for 800 m. from Everts, S. D. west. V. 81, p. 1609, 1664; V. 83, p. 94, 686. In May 1906 the Montana RR., Lombard to Lewistown, Mont., 157 miles, and branch, 6 miles, was acquired, and will form part of the Pacific Coast extension, contract being awarded for a 160-mile section of new line from Forsyth to Harlowtown, Mont. V. 82, p. 1211. In Apr. 1906 the Duluth St. Cloud Glencoe & Mankato, Albert Lea to Duluth, Minn., 287 miles, was acquired. V. 82, p. 1211.

**CAPITAL STOCK.**—The preferred stock has a prior right over the common stock to a dividend of not over 7% from net earnings in each year, but if not earned it has no cumulative right. After payment of 7% on preferred and 7% on common, both classes share *pro rata*.

The authorized common stock was increased in 1902 from \$58,183,900 to \$83,183,900, and in Oct. 1906 to \$158,183,900. V. 83, p. 890. As to new stock issue of 1906, see "General Finances," below.

The preferred stock on Dec. 31 1873 was \$12,274,483; it has been increased to present figures almost entirely by exchange of convertible bonds for stock, only about \$9,000,000 having been issued for other purposes (improvements, &c.). In Oct. 1906 the authorized amount was increased by \$75,000,000 to \$124,654,400. V. 83, p. 890. In July 1906 only \$504,000 bonds exchangeable for preferred stock remained outstanding.

Divs. since '91: '92 '93. '94. '95. '96. '97-'00. '01. '02. '03. '04. '05. 1906.  
 On com. % 2 4 4 2 4 5 y'ly. 6 7 7 7 7 7  
 On pref. % 7 7 7 7 7 7 y'ly. 7 7 7 7 7 7

**BONDS.**—Abstracts of some of the older mortgages were published in the "Chronicle," V. 45, p. 85, 114, 144, 212 and V. 48, p. 830.

*Chicago & Pacific Western Division*, see Supplement of Jan. 1901.

*Terminal 5% bonds* of 1884 cover terminal property of several hundred acres in Chicago and Milwaukee.

The general mortgage of 1889 (see abstract in V. 48 p. 830) is for \$150,000,000, to the United States Trust Co. of New York, as trustee, and covers the entire railway property and franchises of the company (therein described) subject to prior liens as below mentioned. The prior lien bonds cannot be extended, but will be paid off at maturity.

On June 30 1906 the following amounts of general mortgage bonds had been issued or were reserved for the purpose indicated, viz.:

Amount in the hands of the public	\$32,791,000
In treasury of the company (unsold) see below	2,988,000
Total reported by the company as outstanding	\$35,779,000
Reserved for prior liens	86,272,500
Available or eventually to become available for improvements, there being included in this amount the bonds originally reserved for prior liens, which have since been converted into preferred and common stock	27,948,500
Total authorized	\$150,000,000

\*Of the bonds in the treasury June 30 1905, \$2,450,000 was sold in 1905-06. V. 82, p. 1437, 1496.

**GENERAL FINANCES, &c.**—Capitalization per mile of road June 30 1906: Stock, \$15,310; bonds, \$17,209; interest charge, \$839.

As to Pacific extension, see "History" above.  
 In Aug. 1906 stockholders were offered the right to subscribe to \$25,000,000 common stock at par, increasing the amount outstanding to \$83,183,900. V. 83, p. 379, 890.

The funded debt was increased during the year 1905-06 by the issue of \$615,000 of general mortgage bonds and was decreased \$942,000 by underlying bonds retired and canceled; of the latter, \$327,000 were converted into preferred stock. Of the funded debt there was in the treasury June 30 1906 \$1,077,000 (against \$5,912,000 June 30 1905), of which \$2,820,000 was general mortgage 3 1/2s and \$159,000 general mortgage 4s. V. 71, p. 1119; V. 73, p. 563.

Average freight train-load in 1905-06 was 282 tons; rate per ton per mile, 0.862c.; in 1904-05, train-load 264 tons; rate per ton per mile, 0.881c.

**ANNUAL REPORT.**—Fiscal year ends June 30. Annual meeting is held in Sept. Report for 1905-06 was given in V. 83, p. 683; also editorial, p. 656. In 1905-06, of 26,201,941 tons of freight carried, grain furnished 20%; other agricultural products, 2%; coal and coke, 16%; lumber, 8%; other forest products, 9%; and miscellaneous, 45%.

	1905-06.	1904-05.	1903-04.
Average miles operated June 30	6,961	6,908	6,829
Passenger earnings	\$11,123,545	\$10,126,958	\$9,661,633
Freight earnings	40,187,710	35,968,947	35,081,759
Mail, express, &c., earnings	4,111,798	3,788,209	3,586,942
Total earnings	\$55,423,053	\$49,884,114	\$48,330,335
Maintenance of way	\$5,955,432	\$5,336,626	\$5,128,249
Maintenance cars and engines	5,598,046	5,181,586	4,651,783
Transportation, gen. expenses, &c.	19,699,381	18,260,457	18,597,343
Taxes	1,730,729	1,632,333	1,600,732
Renewal account	1,511,758		
Additions to property	712,331	619,960	707,575
Miscellaneous	1,236,654	1,243,079	1,190,907
Total expenses	\$36,444,331	\$32,294,040	\$31,876,590

	1905-06.	1904-05.	1903-04.
Net earnings	\$18,978,722	\$17,590,073	\$16,453,745
Other income	258,350	230,798	316,431
Total net income	\$19,237,081	\$17,820,871	\$16,770,176
Interest on debt	\$5,913,850	\$5,962,045	\$6,051,775
New equipment	2,540,467		
Balance for dividends	\$10,782,764	\$11,858,826	\$10,718,401
Dividend on common, 7%	\$4,072,872	\$4,072,873	\$4,072,873
Dividend on preferred, 7%	3,472,868	3,433,878	3,368,358
Balance, surplus	\$3,237,025	\$4,352,075	\$3,277,181

**OFFICERS.**—Chairman, Roswell Miller, 30 Broad St., New York; Pres. Albert J. Earling, Chicago; Treas., F. G. Ranney, Chicago; Gen. Mgr., W. J. Underwood, Sec., E. W. Adams, Milwaukee.

**Directors.**—Roswell Miller, New York; A. J. Earling, Chicago; Frederick Layton, Milwaukee; J. Ogden Armour, Chicago; Frank S. Bond, Joseph Milbank, William Rockefeller, Peter Geddes, John A. Stewart, Samuel Spencer, Herman S. Leroy, Charles W. Harkness, Henry H. Rogers, New York.

**Executive Committee.**—Roswell Miller, A. J. Earling, Peter Geddes, William Rockefeller, Samuel Spencer.  
 New York office, 30 Broad St.—(V. 83, p. 379, 683, 686, 751, 890.)

**CHICAGO & NORTH WESTERN RY.**—(See Map.)—Operates an important system of roads uniting Chicago, Ill., with Omaha, Neb., St. Paul, Minn., with the great wheat belts of Dakota, Nebraska, &c., and with the mining regions of Michigan and the Black Hills, including—

Road owned in fee—	Miles.	Sundry trackage—	Miles.
Main lines, &c.	7,336		38
Entire stock owned—			
Princeton & Western	16	Total July 1 1906	7,453
St. Paul Eastern Grand Trunk (leased)	60	2d track	804
De Pue Land & East. (leased)	3	Large interest owned—	
		Chicago St. Paul Minneapolis & Omaha	1,697

**HISTORY, &c.**—A Vanderbilt line (V. 75, p. 1086) organized in 1859 in July 1884 the capital stock of the Fremont Elkhorn & Missouri Valley was acquired, and in Feb. 1903 the road was absorbed. Its securities, except those held by Chic. & N. W., are in table above. V. 75 p. 514, 516. On June 30 1901 purchased Sioux City & Pacific RR. V. 72, p. 721, 1236; V. 73, p. 444; V. 75, p. 446.

In 1900-05 various proprietary roads were purchased. V. 71, p. 291, 294; V. 73, p. 294, 1010; V. 75, p. 446; V. 81, p. 840. In July 1906 extensions aggregating 504 miles were under construction, of which 187 miles had been completed in Oct. 1906, 124 were to be during 1906 and remaining 193 during fiscal year 1906-07. V. 83, p. 567.

**CAPITAL STOCK.**—Of the common stock, \$2,334,003, and of the preferred \$3,835 remained in company's treasury. In July 1906, Pref. stock has a prior right to 7%; then common 7%; then preferred 3%; then common 3%; then both classes share. In 1903 the authorized common stock was increased from \$41,148,366 to \$77,601,045, and in Oct. 1906 to \$177,604,800 (making the entire stock \$200,000,000). See "General Finances" below. V. 75, p. 1085, 1146; V. 77, p. 516; V. 83, p. 379.

The consolidated sinking fund bonds of 1915 have voting power.

DIV.—'85. '86 to '93. '94. '95. '96 to '99. '00. '01. '02 to '05. 1906.	
Com. — 6 1/2 6 yearly. 3 4 5 yearly. 6 6 7 yearly. 7	
Pref. — 7 1/2 7 yearly. 7 yearly. 8 yearly.	

In 1902, on common, Jan., 3%; July, 3% and 1% extra; in 1903 to July 1906, 7% (paid J&J). On pf., Jan., 1 1/4%; Apr., 1 1/4%; July, 1 1/4% and 1% extra; Oct., 2%; in 1903 to Oct. 1906 incl., 8% (paid Q.-J.). The extra divs. of 1% each on the stocks in July '02 increased the rate for the fiscal yr. '01-'02 to 7 and 8% on the com. and pref. stocks respectively. V. 74, p. 1194.

**BONDS.**—General Mortgage.—See Abstract in V. 65, p. 1175. The authorized issue is \$165,000,000 (United States Trust Co., trustee). \$131,645,000 were reserved to retire underlying bonds, and remainder for additions and improvements, \$4,000,000 at once and \$1,000,000 a year thereafter. V. 65, p. 1070. V. 65, p. 69, 111, 571; V. 75, p. 980.

The sinking fund bonds of 1870 are secured by deposit in trust of \$15,000,000 of 1st M. bonds at \$15,000 per mile on subsidiary lines, the most important being described in "Supplement" of May 1894. Of the sinking fund bonds of 1879 \$5,518,000 are 6s; the sinking fund is at least 1% of outstanding bonds, which are subject to call at 105, and through its operation the amt. outstanding has been reduced from \$15,000,000 to the figure in table.

The sinking fund debentures of 1933 have a sinking fund of \$200,000 per year, if they can be redeemed at 105. See description of all the debentures on page 2, "Supplement" of April 1895.

The extension bonds of 1886 are secured by deposit in trust of first mortgage bonds at a rate not exceeding \$20,000 per mile. Included in the collateral July 1 1906 were \$10,675,000 Fremont Elk Horn & Mo. Valley 1sts and \$2,560,000 Wyoming Central 1sts (consolidated with F. E. & M. V.), &c. See F. E. & M. V. bonds below.

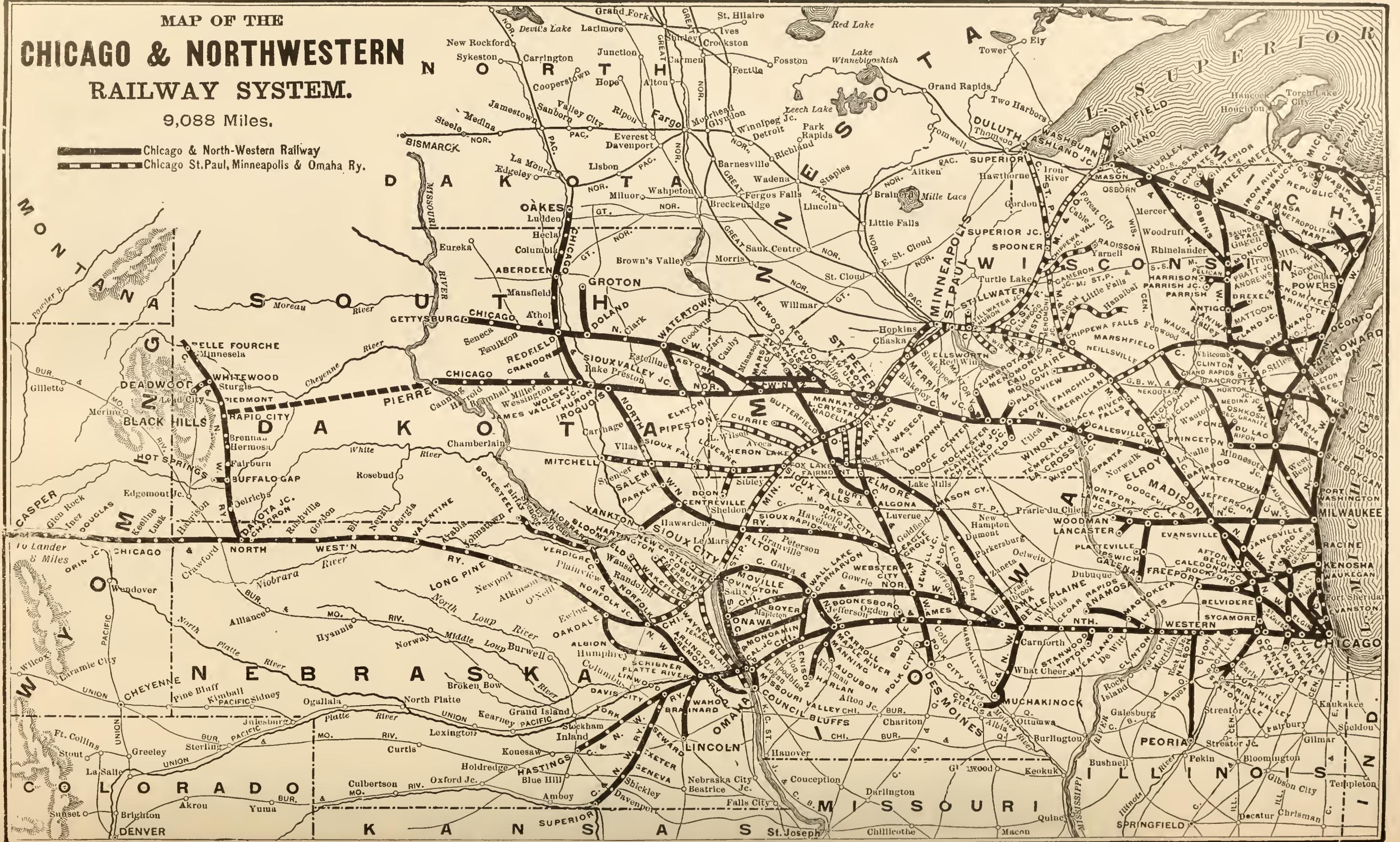
The Fremont Elkhorn & Missouri Valley consols have a first lien on 1,170 miles (Fremont, Neb., to Deadwood, D. T., 557 miles, and branches to Hastings, Albion, &c., 613 miles), but besides the amount of issue given as outstanding in the table \$10,675,000 (along with \$2,560,000 Wyoming Central 1sts, A. F. E. & M. V. issue) are held as part collateral for Chicago & North Western extension bonds of 1886.

**GENERAL FINANCES.**—Stockholders in Feb. 1903 subscribed for \$9,226,110, in July 1905 for \$10,609,200 and in May 1906 for \$16,267,400 com. stock at par, the proceeds to be used for improvements, equipment, &c., raising the amount outstanding to \$75,217,300. V. 82, p. 452. Stock

# MAP OF THE CHICAGO & NORTHWESTERN RAILWAY SYSTEM.

9,088 Miles.

 Chicago & North-Western Railway  
 Chicago St. Paul, Minneapolis & Omaha Ry.



RAILROADS.	Miles of Road.	Date of Bonds.	Size, or Par Value.	Amount Outstanding	INTEREST OR DIVIDENDS.			Bonds—Principal, When Due Stocks—Last Dividend.
					Rate %	When Payable.	Where Payable, and by Whom.	
<i>For explanation of column headings, &amp;c., see notes on first page of tables.</i>								
<b>Chicago &amp; North Western (Continued)</b>								
Wlnona & St Peter 2d mortgage (now first) assumed	139	1867	\$1,000	\$1,592,000	7	M & N	Co's Office, 52 Wall St	Nov 1 1907
First mortgage ext gold land grant s f assumed	184	1871	100 &c	4,038,500	7 g	J & D	do	Dec 1 1916
Plainview RR and Minn Valley first mortgages	---	1878	---	250,000	7	Semi-an	do	1908
Roch & Nor Minn first mortgage guar (assumed)	24	1878	---	200,000	7	M & S	do	Sept 1 1901
Dak C 1st M guar (Watertown to Redfield S D)	71	1882	---	1,007,000	6	M & S	do	Sept 1 1907
Dak C 1st M on Southeast Div (to Hawarden) gu. Un	125	1882	---	2,000,000	6	M & N	do	Nov 1 1907
Des Moines & Minn 1st M Des Moines to Jewell	57	1882	1,000	600,000	7	F & A	do	Feb 1 1907
Ottum C F & St P 1st M (\$25,000 p m) guar. Un.c*	64	1884	1,000	1,600,000	5	M & S	do	Mar 1 1909
Nor Ill 1st M (\$20,000 per mile) assumed. Un.c*	76	1885	1,000	1,500,000	5	M & S	do	Mar 1 1910
Milw Lake Shore & W consol M (now 1st) gold. Ce.c*	413	1881	1,000	5,000,000	6 g	M & N	do	May 1 1921
Michlgan Div 1st M (for \$3,000,000) gold. Ce.c*	82	1884	1,000	1,281,000	6 g	J & J	do	July 1 1924
Ashland Division first mortgage gold. Ce.c*	40	1885	1,000	1,000,000	6 g	M & S	do	Mar 1 1925
Deben (see text) secured by mortgage of '89 g Ce.c*	693	1887	1,000	436,000	5 g	F & A	do	Feb 1 1907
Ext & Imp M for \$5,000,000 g s f not drawn. Ce.c*	693	1889	1,000	4,148,000	5 g	F & A	do	Feb 1 1929
Income bonds (not cumulative) no coupons. r	---	1881	1,000	500,000	6	M & N	do	May 1 1911
Marsh Ext 1st M \$600,000 (\$15,000 per m). Un.c*	40	1892	1,000	400,000	5	A & O	do	Oct 1 1922
C & N W s f bonds of '79 (\$15,000 p m) red at 105 Fer	1,041	1879	1,000 &c	12,189,000	5 & 6	A & O	do	Oct 1 1929
Sinking fund debentures 1933. Un.c* &r	---	1891	1,000 &c	9,800,000	5	M & N	do	May 1 1933
25-year debentures. Un.c* &r	---	1884	1,000 &c	5,369,000	5	M & N	do	Nov 1 1909
Chicago & North Western 30-year debent. Un.c* &r	---	1891	1,000 &c	9,819,000	5	A 15 & O	do	April 15 1921
Extension 4s \$20,000,000 (\$20,000 p m). Un.c* &r	---	1886	1,000 &c	17,489,000	4	F 15 & A	do	Aug 15 1926
General gold bond M \$165,000,000. Us.c* &r	---	1897	1000 &c	1,096,500	3 1/2 g	M & N	do	Nov 1 1987
do do registered. Un.c* &r	---	1897	1000 &c	---	3 1/2 g	Q-F	do	Nov 1 1987
<i>Branch Line Bonds Assumed.</i>								
Boyer Valley Ry 1st M g \$16,000 per mille. F.c* &r	90	1898	1,000 &c	1,440,000	3 1/2 g	J & D	do	Dec 1 1923
Minn & Ia Ry 1st M gold \$16,000 per mille. F.c* &r	119	1899	1,000 &c	1,904,000	3 1/2 g	J & D	do	June 1 1924
Mankato & New Ulm 1st M gold \$416,000. F.c* &r	26	1899	1,000	416,000	3 1/2 g	A & O	do	Oct 1 1929
Southern Iowa first mortgage \$1,120,000 g. F.c* &r	56	1900	1,000 &c	None	Jul '06	M & S	do	Sept 1 1925
Princeton & Northw 1st M \$2,100,000 gold. F.c* &r	105	1901	1,000 &c	1,940,000	3 1/2 g	J & J	do	Jan 1 1926
Peoria & Northwest 1st M \$2,125,000 gold. F.c* &r	85	1901	1,000 &c	2,125,000	3 1/2 g	M & S	do	Mar 1 1926
Sloux City & Pacific 1st M gold \$4,000,000. F.c* &r	125	1901	1,000 &c	3,926,000	3 1/2 g	F & A	do	Aug 1 1936
Minn & So Dakota 1st M gold \$528,000. F.c*	33	1900	1,000	528,000	3 1/2 g	J & J	do	Jan 1 1935
In addition sinking fund July 1906 held: a \$58,000; f \$5 21,000 (and \$10,000 on hand); g \$1 81,000; h \$1,143,000; k \$202,500; m \$694,000 (and \$10,201,000 on hand); n \$160,000; o \$74,000; p all in sinking fund.								

holders were to vote Oct. 18 1906 on increasing the limit of authorized stock to \$200,000,000 by increasing the authorized amount of common stock to \$177,604,880; none of the new stock is to be issued at present. V. 83, p. 379, 817. New terminals in Chicago to cost \$20,000,000. V. 83, p. 890.

EARNINGS.—For 2 months ending Aug. 31: Gross, \$11,488,394 in 1906, against \$10,289,603 in 1905.

ANNUAL REPORT.—Fiscal year ends June 30. The annual meeting is held the third Thursday in October. The report for 1905-06 was given at length in V. 83, p. 559, 565. Fremont Elkhorn & Mo. Valley, 1,372 miles, included from Feb. 16 1903. See also editorial, p. 526.

Of the freight carried in 1900-01 (total 25,527,575 tons), ores furnished 23%; lumber and logs, 15%; grain, flour and mill stuffs, 13%; other agricultural and dairy products, 3%; coal and coke, 15%; metals and machinery, 5%; stone, sand, brick, &c., 5%; live stock, 4%; miscellaneous, 17%.

Years ending June 30—	1905-06.	1904-05.	1903-04.	1902-03.
Average miles operated.	7,429	7,408	7,404	6,457
Passenger earnings.	\$14,441,415	\$13,339,714	\$13,027,708	\$12,161,997
Freight.	45,802,853	39,292,830	37,254,539	35,811,008
Mail, express, &c.	3,237,310	3,112,731	3,052,387	2,666,137

Total earnings.	\$63,481,578	\$55,745,275	\$53,334,634	\$50,639,142
Oper. exp. and taxes.	42,216,276	38,649,312	37,227,109	33,851,672
Net earnings.	\$21,265,302	\$17,095,963	\$16,107,525	\$16,787,470

Years ending June 30—	1906.	1905.	1904.	Year ending May 31 '03.
Total net receipts.	\$22,871,382	\$18,631,793	\$17,596,760	\$18,095,548
Interest on debt.	7,845,329	7,988,976	7,971,518	7,475,970
Sinking fund, &c.	225,500	225,000	225,500	230,316
Dividend on common.	(7)4,692,313	(7)3,383,324	(7)3,383,324	(7)3,060,414
Dividend on preferred.	(8)1,791,600	(8)1,791,600	(8)1,791,600	(8)1,791,600
Real estate, const., &c.	6,000,000	4,600,010	4,000,000	5,013,418
Balance, surplus.	\$2,316,640	\$642,898	\$224,818	\$523,830

a In addition there were net receipts from lands in 1905-06 of \$367,514; in 1904-05 of \$295,442; in 1903-04 of \$1,174,766; in 1902-03, \$722,908.

OFFICERS.—Pres., Marvin Hughitt, Chicago; Vice-Pres. and Sec., E. E. Osborn, 52 Wall St., New York; 2d Vice-Pres., M. M. Kirkman, Chicago; Treas. and Asst. Sec., R. H. Williams, New York.

Directors.—W. K. Vanderbilt, F. W. Vanderbilt, H. McK. Twombly, Samuel F. Barger, Chauncey M. Depew, James Stillman, James C. Fargo, Frank Work, N. Y.; Marvin Hughitt, Byron L. Smith, Cyrus H. McCormick, Chauncey Keep, Albert Keep, Chicago; H. C. Frick, Pittsburgh, Pa.; David P. Kimball, Oliver Ames, Boston; Zenas Crane, Dalton, Mass.—(V. 82, p. 1437; V. 83, p. 379, 559, 565, 625, 890.)

CHICAGO PEORIA & ST. LOUIS RY.—ROAD.—Owns from Pekin to Granite City, Ill., 180 miles; Madison to Bridge Jct., 3 m.; Havana to Jacksonville, Ill., 42 m.; branch, Lockhaven to Grafton, 8 m.; total owned, 233 m.; trackage, Pekin to Peoria, 10 m.; Granite City, Ill., to Merchants' Jct., 3 m.; in Springfield, 1 1/2 m.; Madison, Ill., to St. Louis Station, 7 1/2 m.; total, 255 miles.

Reorganization of Chicago Peoria & St. L. RR. and St. L. Chic. & St. Paul Ry., sold in foreclosure Jan. 8 1900, per plan in Vol. 68, p. 722.

The payment of the July 1906 coupon on the consols was postponed, interest not being earned. F. J. Lisman requested bondholders to communicate with them, with a view to protecting their interests. V. 83, p. 35.

BONDS.—Of the \$2,000,000 prior lien 4 1/2s (City Trust Co. of N. Y., trustee), \$282,000 are reserved for future extensions, improvements, &c. Stock, common, \$3,600,000; pref., \$3,750,000.

EARNINGS.—For calendar year:	Cal. Year—	Gross.	Oper. Exp.	Net.	Miles.
1905.	---	\$1,661,473	\$1,495,279	\$166,194	255
1904.	---	1,739,537	1,548,898	181,639	255

REPORT for year to June 30 1905, in V. 82, p. 623, showing gross, \$1,720,227; net, \$217,778; other income, \$6,677; interest and taxes, \$225,029; balance, deficit, \$571. Pres., Charles E. Kimball, (resigned); Sec. and Asst. Treas., H. W. Berger, Springfield, Ill. Treas. and Asst. Sec., O. M. Gleason, New York.—(V. 82, p. 623, 627; V. 83, p. 36, 890.)

CHICAGO ROCK ISLAND & PACIFIC RAILROAD.—Incorporated in Iowa on July 31 1902 as an operating company, per plan V. 75, p. 239, to take over the Chic. R. I. & Pac. Railway. The entire capital stock (\$145,000,000) is owned by the Rock Island (holding) Company.

BONDS.—The collateral trust 4s of 1902 (authorized issue \$75,000,000) are secured by a pledge with the trustee of an equal amount of the stock of the C. R. I. & P. Railway as acquired. In July 1903 \$69,938,409 of the \$74,817,109 Railway stock had been acquired. In 1905 \$17,395,280 of an authorized issue of \$18,599,000 collateral trust 5s of 1913 had been issued with Rock Island Co. stock in payment for \$23,920,590 of the \$29,000,000 St. Louis & San Francisco com. stock. V. 76, p. 1495. Report for year ending June 30 1905 was in "Chronicle" Oct. 20, showing: Total income, \$4,390,612; expenses, \$1,817; int. on bonds, \$3,661,111; dividends to Rock Island Co., \$599,000; bal. sur. for year, \$224,351.—(V. 81, p. 1238.)

CHICAGO ROCK ISLAND & PACIFIC RY.—(See Map Rock Island Co., pages 116 and 117.)—The system extends from Chicago, Ill., via Omaha, Neb., to Denver and Colorado Springs, Col., and via Kansas City, Mo., to Santa Rosa, New Mex., there connecting with the lines of the New Mexico Ry. and Coal Co. and forming with them and the Southern Pacific a through line to the Pacific Coast; also from Tucumcari, N. M., to Memphis, Tenn., and to Fort Worth, Tex., on the south, and on the north to Minneapolis, Minn., and Watertown, S. Dak., with numerous branches, viz. (see V. 75, p. 1156; V. 76, p. 751:)

Mileage owned—	Miles.	Mileage leased—	Miles.
Chlc., Ill., to Color. Sp'gs, Col.	1,064	Keokuk & Des Moines*	162
Davenport, Ia., to Terral, I. T.	710	Peoria & Bureau Valley*	47
Herrington, Kan., to Texoma, O. T.	323	White & Black River Valley*	62
Burl'gt'n, Ia., to Minn'ap., Minn.	308	Little Rock & Hot Springs Western*	23
Vinton, Ia., to Watert'n, S. D.	376	Rock Isl. Ark. & Louisiana	160
Branch lines.	2,130		454
	4,912	Trackage to St. Louis, Denver, Pueblo, &c.	560
Capital stock all owned—		Other lines under construction.	272
Choc. Okla. & Gulf (leased)*	999		
Chlc. R. I. & El Paso	112	Total mileage oper. and under construction June 30 1906	7,699
Chlc. R. I. & Gulf	389		

\*See these companies.

Branch from Little Rock, Ark., southeast to Crossett, with branch to Eldorado 143 miles, (of which 63 m. opened Aug. 1906), is building under charter of R. I. Ark. & Louisiana RR., connecting with line from Eldorado, Ark., to Winnfield, La., 100 m., acquired in Sept. 1905; extension being built from Winnfield to Alexandria, La., 44 1/2 m.; to be extended during 1906 to a connection at Eunice or Opelousas with St. Louis & San Fran. line, now building. The road is leased for 999 years. The charter permits the construction of a through line from Little Rock to New Orleans. See V. 81, p. 1551; V. 82, p. 99, 870, and bonds below; also Rock Island Co.

The Rock Island interests in April 1906 acquired a half interest in the Trinity & Brazos Valley Ry., owning a line from Cleburne to Mexia, Tex. 79 miles, and under construction from Mexia to Houston, 157 miles, with branch to Waxahachie, 70 miles, and trackage rights from Cleburne to Ft. Smith, Waxahachie, to Dallas and Houston to Galveston. V. 82, p. 870.

HISTORY.—A consolidation June 2 1880 with \$50,000,000 stock. In July 1905 \$69,929,200 of the \$74,847,600 capital stock had been deposited per plan V. 75, p. 239, each \$100 stock being exchanged for the following securities: \$100 in 100-year 4% gold bonds of the Chic. R. I. & Pac. Railroad (of Iowa) and \$70 preferred and \$100 common stock of the "Rock Island Company" (of New Jersey), which owns the entire capital stock of the Railroad company. See statements for those companies.

The Union Pacific interests, jointly with the Ch. R. I. & Pac., control the Chicago & Alton Ry., the O. R. I. & P. owning \$14,320,000 com. and \$4,470,000 pref. stock. V. 79, p. 1462, 2206; V. 80, p. 472; V. 81, p. 1258.

In 1902 most of the stock of the Burlington Cedar Rapids & Nor. and Rock Isl. & Peoria was acquired, and their roads leased from June 1 and subsequently deeded to the C. R. I. & P. V. 74, p. 1194, 1250. Owns control of Dering Coal Co. and entire stock of Consolidated Indiana Coal Co., guaranteeing the latter's bonds. V. 82, p. 452; V. 80, p. 2401, 2623.

DIVID'G '94, '95, '96, '97, '98, '99 to '02, '03, '04, '05, 1906, since '93, p.c. 3 1/2 2 2 1/2 4 1/2 5 yearly. 7 1/2 8 1/2 6 1/2 Below.

In 1904, Jan., 1 1/4%, April, 3%, July, 1 3/4%; Oct., 2 1/4%; in 1905, Jan., 2%, April, 2%, Oct., 2 1/4%; in 1906 Jan., 1 1/4% from earnings of five months, April, 1 1/2%; July, 1%; Oct., 2%.

Special distributions to stockholders, including \$1 63 per share June 17 1905, see V. 80, p. 2398.

BONDS.—Of the general 4s of 1898 those unissued are available as follows: \$25,900,000 at not over \$1,000,000 per annum for permanent improvements and additions, including equipment, and \$12,500,000 to retire the 1st 6s of 1917. Bankers' Trust Co. of New York, trustee. Mortgage, Abstract in V. 66, p. 522; V. 78, p. 228; V. 80, p. 472.

The collateral trust gold 4s of 1902 (\$24,000,000 authorized) are secured by deposit of all the stock of the Choctaw Oklahoma & Gulf RR. (see that company.) V. 74, p. 775, 829, 936, 1356.

The refunding 4% bonds of 1904 (\$163,000,000 authorized issue) are a first lien (either directly or through pledge of the entire issues of bonds of the companies owning the same) on terminal property in St. Paul, Minneapolis and St. Louis, new equipment, and shops at Moline, Ill., and on railway lines aggregating 1,148 miles; also a junior lien subject to existing mortgages on all the other lines of the system of the Railway company, aggregating, exclusive of leased lines and trackage, 5,655 miles. See General Finances below; also "Chronicle" of Jan. 28 1905; and full statement in V. 78, p. 228, 234; V. p. 79, 1716, 2206. They are issuable as follows:

Issuable forthwith (compare "General Finances" below)	\$15,000,000
Issued or issuable to an amount equal to the value of bonds so issued, to acquire property, including stocks and bonds	25,000,000
Reserved to retire at or before maturity all bonds of the railway system falling due within the next 30 years (none of such underlying bonds to be extended), also to acquire \$25,900,000 general 4s of 1898, issuable for improvements, viz.:	
Bonds to be Taken Up—	
Chicago Rock Island & Pacific Ry. gen. mort. 4s, hereafter to be issued, viz.:	
(a) To retire at maturity 1st 6s of 1917	\$12,500,000
(b) Not exceeding \$1,000,000 per year for additions and improvements	25,000,000
Burlington Cedar Rapids & Northern Ry. Co. cons. 5s, issued or hereafter to be issued to retire:	
(a) H. C. R. & N. Ry. 1st mortgage 5s of 1906	6,500,000
(b) Ced. Rap. Ia. Falls & N. 1st mort. 5s of 1921	1,905,000
Choctaw Oklahoma & Gulf RR. (see that Co.) cons. 5s, hereafter to be issued to retire \$5,500,000	5,500,000
C. O. & G. RR. general mort. 5s of 1919	5,500,000
Chicago Rock Island & Pac. Ry. gold 4s of 1902 (Choctaw Oklahoma & Gulf stock collateral)	22,410,000
6% notes of D. R. Francis, etc., paid Jan. 1 1905	4,500,000
Rock Island & Peo. Ry. Co. consol. mort. 6s of 1925	450,000
Choc. Okla. & Gulf RR. equip. trust certificates	2,360,000
Reserved to provide 75% of purchase price of securities of other companies hereafter acquired	13,500,000
Reserved to be issued at not over \$2,500,000 yearly from Jan. 1 1904 for future improvements and equipment	27,475,000

RAILROADS. <i>For explanation of column headings, &amp;c., see notes on first page of tables.</i>	Miles of Road.	Date of Bonds.	Size, or Par Value.	Amount Outstanding	INTEREST OR DIVIDENDS.			Bonds—Principal, When Due. Stocks—Last Dividend.
					Rate %	When Payable.	Where Payable, and by Whom.	
<b>Chicago &amp; North Western—(Concluded)</b>								
Iowa Minnesota & Northwestern 1st M gold F.C.* & R	195	1900	81,000 & c	\$3,900,000	3 1/2 g	J & J	Co's Office, 52 Wall St, N Y	Jan 1 1905
Frem Elk & M V cons M \$25,000 per mile assumed	1,170	1883	1,000	7,725,000	6	A & O	do do	Oct 1 1933
Chicago Peoria & St L—Pr llen M g call at 107 1/2—Ta.c*	230	1900	1,000	1,728,000	4 1/2 g	M & S	do do	Mar 1 1930
Consol M \$2,000,000 gold called at 105—Col.c*	230	1900	1,000	2,000,000	5 g	J & J	See text—	July 1 1930
Income M gold (text) non-cum called at par—EC	230	1900	1,000	2,000,000	Up to 5 %	when earned		July 1 1930
Chic R I & Pac RR—Col tr M \$75,000,000—Ce.c* & R	---	1902	1,000 & c	69,938,000	4 g	M & N	First Nat Bank, N Y	Nov 1 2002
Collateral trust M \$18,500,000 gold red 102 1/2—Ce.c*	---	1903	1,000	17,395,000	5 g	M & S	do do	Sept 1 1913
Chicago Rock Isl & Pacific Ry—Stock (\$75,000,000)	---	---	100	74,847,600	See text.	Quar.	Office, 71 B'way, N Y	Oct 1 '06 2
1st M Chic, Ill, to Council Bluffs & branches—Us.c*	764	1877	1,000 & c	12,500,000	6	J & J	First National Bk, N Y	July 1 1917
General mortgage \$100,000,000 gold—c* & R	3,165	1898	1,000 & c	61,581,000	4 g	J & J	do do	Jan 1 1988
Collat tr M g Ser E to P due yearly red 101 1/2—Ce.c*	---	1902	1,000	17,928,000	4 g	M & N	do do	May 1907-1918
Ref M \$163,000,000 gold red 105 to 1911—Ce.c* & R	Text.	1904	1,000 & c	44,342,000	4 g	A & O	do do	April 1 1934
Notes secured by \$11,250,000 ref bonds, red at 102	---	1904	---	7,500,000	4 1/2 g	J & J	do do	July 1 1907
Gold coup notes red sec by R I Ark & L bonds—Ba	---	1906	1,000	6,000,000	4 1/2 g	A & O	N Y, Speyer & Co	April 1 1903
Chic & R I Elev M gold guar p & l redeem at par—c*	---	1904	1,000	950,000	5 g	A & O	First Tr & Sav Bk, Chic	Oct 1 1924
Consol Ind Coal 1st M g lnt gu red 110 s f—G.c* & R	---	1905	1,000	2,773,000	5 g	J & D	Guaranty Trust Co, N Y	June 1 1935
<b>Burl C R &amp; Northern—</b>								
C Rap I F & N W cons 1st M gold guar—Ce.c	292	1881	1,000	1,905,000	5 g	A & O	First Nat Bk, New York	Oct 1 1921
B C R & Nor cons 1st M & collat trust gold—Ce.c* & R	1,293	1884	1,000 & c	11,000,000	5 g	A & O	do do	April 1 1934
Minneapolis & St Louis 1st M gold (assumed)—Ce	12	1877	500	150,000	7 g	J & D	do do	June 1 1927
Rock Island & Peoria consol first mortgage—Mp	113	1885	5,000	450,000	6	J & J	do do	July 1 1925
Choc O & G general (now 1st) M \$5,500,000 g—c*	409	1894	1,000	5,500,000	5 g	J & J	do do	Oct 1 1919
Choc & Mem 1st M \$3,750,000 assumed—GP.c* & R	282	1899	1,000	3,525,000	5 g	J & J	do do	Jan 1 1949
L Rock Bridge 1st M assumed gold red (text) GP.c*	---	1899	1,000	295,000	6 g	J & J	Philadelphia	July 1 1919
Consol M (see text) \$30,000,000 gold—GP.c*	1,025	1902	1,000	5,411,000	5 g	M & N	First National Bk, N Y	May 1 1952
Car trusts Series B due semi-annually—GP	---	1901	1,000	300,000	5 g	F & A	Glraud Trust Co, Phila	To Aug 1908
Car trust Series C April yearly beginning 1903 GP	---	1902	1,000	880,000	4 1/2 g	A & O	do do	April 1907-1910
Rock Isl Ark & Louis 1st M \$15,000,000 gold—Ba	---	1906	---	See text.	4 g	J & J	---	Jan 1 1956
<b>Chicago St Louis &amp; New Orleans—See Illinois Central</b>								
<b>Chicago St Paul Minn &amp; Omaha—Common stock</b>								
Preferred stock non-cum including scrip (see text)	---	---	100	18,558,953	7 in 1906	F & A	Office, 52 Wall St, N Y	Aug 20 1906 3 1/2
St Paul Stillwater & Taylors' Falls first mortgage—c	21	1878	500 & c	334,800	7	J & J	do do	Jan 1 1908
Hudson & River Falls 1st M Hudson to River Falls—c	12	1878	500 & c	125,000	8	J & J	do do	July 1 1908
Ch St P & Minn 1st M gold Elroy to L St C ass'd—c*	177	1878	500 & c	1,572,000	6 g	M & N	do do	May 1 1918
St P & Sioux City 1st M gold \$10,000 per mile—Ce.c	607	1879	1,000	6,070,000	6 g	A & O	do do	April 1 1919
Nor Wis 1st M Lake St C to near Spooner, ass'd—Ce.c*	80	1880	1,000	641,000	6	J & J	do do	Jan 1 1930

**CHICAGO ROCK ISLAND & PACIFIC RY. (Concluded).**

As to Chic. R. I. & Pac. Elevator mtge., see V. 79, p. 2590; V. 82, p. 750. As to Consol. Indiana Coal 5s, interest guar., see V. 80, p. 2401, 2623; form of guaranty, V. 82, p. 1499.

In April 1906 \$6,000,000 of 4 1/2 % notes were sold, secured by deposit of \$7,500,000 Rock Island Ark. & La. 1st 4s, the latter being a lien on 257 miles of road and equipment. See above and V. 82, p. 803, 101.

**GENERAL FINANCES.**—In Dec. 1904 \$33,904,000 first and refunding 4s had been issued, of which \$25,558,000 were sold to pay for capital expenditures theretofore made, including purchase of \$18,790,000 Chicago & Alton stock and for obligations maturing in 1905. In Jan. 1905 the issuance of bonds under sections 2 and 3 of article 1 of said mortgage was warranted to a total of \$40,000,000 (including a part of the \$33,904,000 just mentioned), by expenditures aggregating \$46,271,939 made since 1900, viz.: 1,148 miles of new railroad, on which they are a first lien—\$32,528,548 Shops at Moline, Ill. 1,763,749 Terminals at Minneapolis and St. Paul. 980,986 New equipment. 10,998,656

Compare V. 80, p. 472, and V. 79, p. 2206. In April 1905 \$7,000,000 additional was sold, of which \$3,846,000 for improvements and balance account redemption of Scullin and Francis notes, and in Jan. 1906 \$11,784,000, of which \$7,534,000 for improvements and equipment and balance to retire underlying bonds. V. 80, p. 1423; V. 82, p. 280, 750.

**LATEST EARNINGS.**—} 1906—Gross, \$9,458,263; net, \$3,044,392. 2 mos., July 1 to Aug. 31, 1905—Gross, 8,352,978; net, 2,366,117.

**REPORT.**—Report for 1905-06, V. 83, p. 748, 760; see also editorial, p. 726.

Year ending June 30—	1905-06.	1904-05.	1903-04.
Miles operated	7,218	7,232	7,205
Passenger earnings	\$13,917,031	\$12,050,781	\$11,697,033
Freight earnings	34,695,824	29,662,386	31,167,006
Mail, express, rentals, &c.	2,625,003	2,338,342	2,105,452
Gross earnings	\$51,237,858	\$44,051,509	\$44,969,491
Net earnings	\$16,170,800	\$12,993,300	\$13,194,598
Other income	1,015,837	1,526,172	1,333,833
Total income	\$17,186,637	\$14,519,472	\$14,528,431
Taxes	\$1,631,890	\$1,609,989	\$1,437,578
Interest and rentals	8,747,017	8,176,373	7,062,655
Improvements leased lines	21,897	---	---
Dividends	4,677,553	4,676,622	5,985,060
Balance	\$2,108,280	\$56,487	\$43,138

**OFFICERS.**—Chairman of Board, D. G. Reld; Pres., B. L. Winchell; Chairman of Exec. Com., B. F. Yoakum; 1st V.-P. and Gen. Sol'r, R. A. Jackson; 2d V.-P. and Gen. Mgr., H. U. Mudge; Sec. and Treas., George H. Crosby. N. Y. office, 71 B'way.—(V. 82, p. 1040, V. 83, p. 748, 760.)

**CHICAGO ST. PAUL MINNEAPOLIS & OMAHA RY.**—(See Map Chicago & North Western.)—ROAD.—Elroy, Wis., to Omaha, Neb., 593 miles; other lines, 1,104 m.; total, July 1 1906, 1,697 miles, of which 1,628 are owned and 69 miles leased. V. 69, p. 1147. Extension from Hartington to Crawford, 15 miles, was completed Oct. 1906.

**HISTORY.**—This was a consolidation July 1880 of the Chicago St. Paul & Minneapolis, the North Wisconsin and the St. Paul & Sioux City. In November 1883 Chicago & North Western Ry. purchased control, viz., \$9,320,000 common and \$5,380,000 preferred.

**STOCK.**—Authorized common, \$21,403,293; preferred, \$12,646,833. Held by the company June 30 1906, common stock and scrip, \$2,844,340; preferred stock and scrip, \$1,386,921. Preferred stock has a prior right to non-cum. dividend of 7%; but com. is never to receive more than pref.

**DIVS.** } '91 '92 '93 to '96 '97 '98 '99 '00 '01 '02 '03 '04 1905 1906  
Com. % } None. 2 2 3 1/2 5 5 8 6 6 7 7  
Pref. % } 4 6 1/2 Since 7 per ann. (3 1/2 F. & A.)

**BONDS.**—There are \$75,000 Minneapolis Eastern 1st M. guar. 7s due Jan. 1 1909; \$1,500,000 Superior Short Line Ry. bonds are owned. Chicago St. Paul & Minneapolis 1st 6s, due 1918, and North Wisconsin 1st 6s, due 1930, are exchangeable at option of holder at any time, dollar for dollar, for consol. 6s of 1880, due 1930. V. 68, p. 521; V. 77, p. 2389.

**LATEST EARNINGS.**—From July 1 to Aug. 31 (2 months), gross, \$2,134,539 in 1906; \$1,948,114 in 1905.

**REPORT.**—Year ends June 30. Report for 1905, V. 83, p. 622.

	1906.	1905.	1904.
Gross earnings	\$12,943,750	\$11,926,000	\$11,438,292
Operating expenses and taxes	8,310,945	7,676,528	7,435,860
Net earnings	\$4,632,806	\$4,249,472	\$4,002,432
Net rentals paid	123,499	124,276	---
Net int. on debt (less other income)	1,491,166	1,484,066	1,602,439
Dividend on preferred stock	(7)787,976	(7)787,976	(7)787,976
Dividend on common stock	(7)1,298,885	(7)1,298,885	(7)1,113,330
Appropriation for improvements	600,000	400,000	500,000
Surplus of RR. Co.	sur. \$331,280	sur. \$154,269	def. \$1,313
Net from land sales	\$76,142	\$71,197	(?)

—(V. 80, p. 221, 650; V. 81, p. 974, 1038, 1375; V. 83, p. 622.)

**CHICAGO SUBWAY CO.**—Incorporated in New Jersey on Nov. 21 1904. Has acquired over 99 3/4 % of the \$30,000,000 Illinois Tunnel Co. stock, which completed Aug. 1906 45 miles of narrow-gauge electric tunnel railroad for the transfer of freight from the various railroad terminals to the downtown business district and proposes to develop and extend the system. Controlled by interests identified with the leading railroads entering Chicago. Also owns entire stock of Illinois Telephone Construction Co., the Tunnel Co. operating over 8,000 telephones, to be increased to 10,000, and within

two or three years to between 40,000 and 50,000 (see V. 83, p. 323); also owns entire stock Chicago Warehouse & Terminal Co. V. 79, p. 2794; 2588, 2455, 501; V. 78, p. 820; V. 80, p. 163, 600. Government mail contract, V. 80, p. 1110; V. 81, p. 613; V. 83, p. 212.) Tax decision, V. 82, p. 1040.

Stock authorized, \$50,000,000, of which \$10,000,000 to remain in the treasury; par of shares, \$100. Bonds, see table above. V. 80, p. 163. The \$5,500,000 loan obtained for construction work secured by \$7,000,000 Illinois Tunnel 5s, not included in the \$17,000,000 outstanding as above, will mature Dec. 1907. V. 82, p. 927; V. 83, p. 817. Directors of Illinois Tunnel Co. now include the Presidents of the St. Paul, Atchison, Rock Island, Alton, Erie, C. B. & Q., Union Pacific, &c. V. 79, p. 2796. Pres., A. G. Wheeler.—(V. 83, p. 212, 379, 817.)

**CHICAGO TERMINAL TRANSFER CO.**—PROPERTY consists of passenger and freight terminals in city of Chicago, lines of railway leading thereto, and a belt line around the city. Company owns 760 acres of land in and adjacent to the city, of which 50 acres are in the center of the business district; also includes 7,500 feet of dock property on Chicago River. Nearly all land, including that upon which tracks have been built, is owned in fee. Track owned, 84 m.; leases from Chicago Junction Ry., 11 m.; trackage, 7 m.; total, 101 m.; 2nd track, 58 m.; sidings, 117 m.; total all tracks, 277 miles.

**HISTORY.**—A reorganization in June 1897 of Chicago & Northern Pacific and Chicago & Calumet Terminal, plan V. 64, p. 888, 898.

**REORGANIZATION.**—A committee (Henry W. De Forest, Chairman) representing the holders of large amounts of stocks and bonds, will prepare a plan of reorganization. Guaranty Trust of N. Y. offered to purchase Jan. 1905 coupons on the general 4s; the July 1905 and Jan. and July 1906 interest was not paid. V. 80, p. 116; V. 81, p. 154. In Feb. 1906 foreclosure suit was begun under the mtge. of 1897. V. 82, p. 509. On April 16 1906 Pres. John N. Faithorn was appointed receiver. V. 82, p. 927.

On May 14 1906 \$3,500,000 of 5% gold receiver's certificates were authorized to provide for elevation of tracks, of which not exceeding \$750,000 to be issued prior to Nov. 1905. They are a lien prior to the mortgage of 1897 and payable on demand after Nov. 14 1906. V. 82, p. 1155.

**TENANTS.**—Balt. & Ohio, Chicago Great Western, Chicago Junction, Pere Marquette (the last named since Dec. 1903). See V. 77, p. 948, 2158; V. 79, p. 901. Minimum rentals receivable from tenants amount to \$513,500 annually. See V. 79, p. 2084.

**SECURITIES.**—Stock.—\$13,000,000 com. and \$17,000,000 4% non-cum. pref. Of the \$16,500,000 1st 4s, \$1,305,000 are reserved to retire assumed bonds. V. 79, p. 901.

**LATEST EARNINGS.**—2 mos., } 1906—Gross, \$291,860; net, \$113,436  
July 1 to Aug. 31. } 1905—Gross 284,282; net 114,049

**REPORT.**—Report for year ending June 30 1906 given in V. 83, p. 816, shows, gross, \$1,761,832; net, after deducting taxes, \$478,129; interest, \$657,800; bal., def., \$179,671.

Pres. and Gen. Mgr., J. N. Faithorn, Chicago, Ill.; Sec. and Asst. Treas., W. T. Wisner 2d, 30 Broad St., N. Y. New directors Oct. 1905, V. 79, p. 1641 2084; V. 81, p. 1241.—(V. 82, p. 1155; V. 83, p. 816.)

**CHICAGO & WESTERN INDIANA RR.**—Owns a valuable terminal system of roads affording entrance into Chicago to the roads named below. Its lines extend from Dearborn Station, Polk St., Chicago, to Dolton, 17 m. also to Indiana State line, 10 m., to Cragin, 16 m., and to South Chicago, 5 m.; total, 48 m.; total track, including 2d, 3d, 4th tracks and sidings, 260 m.; also owns about 1,000 acres of real estate, passenger and freight yards, warehouses, elevators, &c. The Belt Ry. of Chicago leases and operates 82 miles of the 260 miles owned by the Ch. & W. I., its securities being all held by the companies leasing the Chicago & W. I.; see V. 60, p. 1058.

**LEASES.**—This company's road and terminals are leased under perpetual contracts to the Wabash, the Grand Trunk West., the Chicago & Eastern Illinois, the Chicago & Erie and the Chicago Indianapolis & Louisville, each of which five companies owns \$1,000,000 stock. They are also leased to the Atchison, the Elgin Joliet & Eastern and the Belt Ry. The annual rentals must always exceed by at least 20% the interest on the bonds outstanding. V. 78, p. 819.

**DIVS.**— } '95 '96 '97 '98 '99 '00 '01 '02 '03 '04 '05 1906.  
Per cent } 7 1/2 6 6 6 6 6 6 6 6 6 6

**BONDS.**—The general mortgage bonds are drawn at 105 and interest in such annual amounts as will retire the debt by maturity.

Of the consol. 4s of 1902 (authorized issue \$50,000,000), \$11,852,000 has been sold on account of track elevation and other improvements, \$5,261,000 additional were used to refund bonds canceled by operation of the sinking fund, \$9,108,000 are reserved to retire underlying bonds and \$23,749,000 for future additions equal to at least the par value of the bonds is sued. V. 75, p. 732, 906.

**ANNUAL REPORT.**—Fiscal year ends Dec 31. Report for 1905 was in V. 82, p. 1435, showing gross income, \$1,620,715; interest, &c., \$1,273,959; divs. \$300,000; bal., sur., \$46,756.—(V. 82, p. 1435, 1496; V. 83, p. 379.)

**CHIHUAHUA & PACIFIC RR.**—Completed April 1900 from Chihuahua, Mex., to Minaca, 125 miles. Extension from El Carpio Jct. to Temosachtle, Mex., 55 miles, was opened Oct. 1905. See Kansas City Mexico & Orient statement and V. 71, p. 181. Stock is \$2,500,000; par of shares, \$100. Bonds, see table above.—(V. 79, p. 902.)

**CHOCTAW OKLAHOMA & GULF RR.**—(See Map of Rock Island.)—

Road owned—	Miles.	Branches to mines—	Leased—
Hopefield, Ark., via Sayre, O. T.,	---	---	27
to Texas State line	648	White & Black River Valley,	---
Halleyville, I. T., to Ardmore	118	Brinkley to Jackson't, Ark.	62
Tecumseh, O. T., to Asher, O. T.	25	Little Rock & Hot Spg. West.,	---
Geary, O. T., to Alva and Anthony, Kan.	137	Benton to near Little Rock	23
Hot Springs, Ark., to Benton and Malvern	39	Trackage	4
Halleyville to Wilberton	22	Total	1,105

RAILROADS. For explanation of column headings, &c., see notes on first page of tables.	Miles of Road.	Date of Bonds.	Size, or Par Value.	Amount Outstanding	INTEREST OR DIVIDENDS.			Bonds—Principal, When Due Stocks—Last Dividend.
					Rate %	When Payable.	Where Payable, and by Whom.	
<b>Chicago St Paul Minn &amp; Omaha—(Concluded)</b>								
Sault Ste Marie & Southwestern 1st M assumed	37	1890	\$1,000	\$350,000	5	M & N	Office 52 Wall St, N Y	Nov 1 1915
C St P M & O mort \$30,000,000 (\$15,000 p m) Ce.c*	---	1880	1,000	15,000,000	6	J & D	do do do	June 1 1930
do do consols interest reduced	---	1880	1,000	2,929,000	3 1/2	J & D	do do do	June 1 1930
<b>Chicago Southern—See Southern Indiana.</b>								
Chicago Sub—Ill T 1st M \$30,000,000 g red 105	40	1903	1,000	17,000,000	5 g	J & D	First Nat Bk, N Y; & Chic	Dec 1 1928
Chicago Dock M assumed red 105 (V 68, p 333)	---	1899	---	665,000	4 g	A & O	Northern Tr Co, Chicago	1929
Notes secured by 2d M Chic Dock due \$333,750 yrly	---	---	---	1,001,250	4	J & J	---	July 1 1907-'09
Chicago Term Tr RR—Ch & Gt W 1st M gold ass'd	---	1886	1,000	394,000	5 g	J & D	Mercantile Trust, N Y	June 1 1936
City of Chicago purchase money mortgage assumed	---	---	---	650,000	5	M & N	To City of Chicago	May 1 1938
Receiver's certs \$3 500,000 authorized gold	---	1905	1,000	See text	5 g	M & N	---	See text
Chicago Term Transfer 1st M g \$16,500,000 Us.c* & r	91	1897	1,000	15,140,000	4 g	J & J	See text	July 1 1947
Chicago & Western Indiana—Stock (see text)	---	---	100	5 000,000	6	Q—J	Chicago	Oct 1 '06 1 1/2
General mortgage gold sink fund subj to call 105	48	89-92	1,000	8,889,667	6 g	Q—M	J P Morgan & Co, N Y	Dec 1 1932
Consolidated mortgage \$50,000,000 gold IC.c* & r	---	1902	1,000 & c	17,143,000	4 g	J & J	Ill Tr & S Bk, Chic; & N Y	July 1 1932
<b>Chicago &amp; West Michigan—See Pere Marquette RR</b>								
Chicago Wisconsin & Minnesota—See Wisconsin Cent								
Chihuahua & Pacific—1st M \$2,000,000 gold	125	1899	1,000	2,000,000	5 g	M & N	Office, 80 Broadway, N Y	May 1 1949
Choctaw & Memphis—See Chic Rock Isl & Pac Ry.								
Choctaw Okla & Gulf RR—See Chic R I & Pac Ry.								
Cincinnati Bluffton & Chicago—1st M \$1,500,000 gold	---	1903	1,000	See text.	5 g	M & S	Title Guar & Tr Co, N Y	Sept 1 1933
Cincinnati Dayton & Ironton—See Cincln Ham & Day								
Cincinnati Find & Ft W—1st M gold guar end red. N.c*	92	1903	1,000	1,150,000	4 g	M & N	Trust Co of Amer, N Y	Nov 1 1923
Cincinnati Hamilton & Dayton—Common stock	---	---	100	8,000,000	See text.	Text.	Cincinnati	Dec 24 1903 2 %
Receiver's certificates (see text) red par	---	1906	---	511,830	5 1/2	---	---	Jan 1 1907
do do do red par aft Jan '07.	---	1906	---	511,830	6	---	---	July 1 1907
Second (now first) mortgage gold	69	1887	1,000	2,000,000	4 1/2 g	J & J	J P Morgan & Co, N Y	Jan 1 1937
General mortgage \$7,800,000 gold Me.c*	60	1892	1,000	3,000,000	5 g	J & D	do do	June 1 1942
Cincinnati Dayton & Chicago first mortgage	95	1892	1,000	1,200,000	4	A & O	do do	April 1 1942
Cinclin Day & Ironton 1st M g guar (assumed) Ce.c*	164	1891	1,000	3,500,000	5 g	M & N	do do	May 1 1941
Refunding mortgage \$25,000,000 gold Usm.c* & r	---	1904	1,000 & c	11,557,000	4 g	J & J	do do	July 1 1954
New mortgage \$50,000,000 authorized Ce	---	1905	---	2,500,000	4 1/2 g	J & J	Jan 06 coupon not paid	Jan 1 1955
Gold collateral notes subject to call at 101 Ce	---	1905	1,000	15,000,000	4 1/2 g	M & S	March '06 coupon not pd	Sept 1 1908
Car trusts gold \$54,000 due semi-ann beg Oct '06. Ce.c	---	1905	1,000	1,026,000	4 1/2 g	A & O	J P Morgan & Co, N Y	To April 1 1916
Car trusts \$92,000 due semi-annually	---	1904	1,000	1,468,000	4 1/2 g	A & O	R Winthrop & Co, N Y	Apr '07-Oct '14
Dayton & Michigan first mortgage guar p & lend	142	1881	1,000	2,728,000	5	J & J	J P Morgan & Co, N Y	Jan 1 1911
Cinclin & Ind Western—See Chicago Cinclin & Louisv								
a \$15,000,000 additional pledged under collateral	4 1/2 %	notes.						

STOCK.—Com. stock, \$9,827,500; pref., 5% cum., \$6,000,000, all owned by the Chic. Rock Isl. & Pac. Ry., which in 1904 leased the road for 999 years from March 24 1904, the rental covering interest on bonds. Dividends paid to Dec. 31 1903, see "Supplement" of Jan. 1904. See V. 74, p. 775, and also p. 829, 936, 1354; V. 78, p. 401.

BONDS.—The consols. mort. of 1902 is for the authorized amount of \$1,000,000 on the coal properties and \$15,000 per mile for each mile of railroad now owned or hereafter constructed, an amount equal to the outstanding gen. and C. & M. 5s being reserved to retire the same. Full data in V. 77, p. 2336. Chic. R. I. & Pac. Ry. 4s of 1904 are reserved to take up consols of 1902 issuable to retire \$5,500,000 gen. 5s and also car trusts. V. 78, p. 234. Little Rock Bridge 6s are subject to call at 105 for sinking fund of \$20 000 yearly. V. 71, p. 602.

REPORT.—Balance sheet, &c., in V. 77 p. 2336. Year ends June 30.  
 Year— Gross. Net. Oth. Inc. Charges. Bal., sur.  
 1902-03—\$6,251,658 \$2,120,951 \$19,983 \$1,101,659 \$1,039,275  
 Report for 1900-01 in V. 74, p. 149, 203, 312.—(V. 78, p. 988, 2598.)

CINCINNATI BLUFFTON & CHICAGO RR.—Projected from Huntington to Union City, Ind., 70 m., of which Bluffton to Portland, 29 m., completed. Receiver was discharged May 5 1906 the company resuming possession. V. 82, p. 1211. Stock, \$1,125,000, all of one class, issuable at \$15,000 per mile; par of shares, \$100 each. Bonds, see table above. For year ending June 30 1905, gross, \$22,365; net, \$3,214; other income, \$17,297; total deductions, \$44,000; bal., def., \$23,489. Pres., S. H. Bracey; Sec., Charles Blackburn; Treas., J. C. Curtis. Office, 616 Tribune Building, Chicago, Ill.—(V. 81, p. 31; V. 82, p. 1211.)

CINCINNATI FINDLAY & FORT WAYNE RY.—Owns Findlay, O., to Fort Wayne, Ind., 80 m.; also connecting link with the Cin. Ham. & D. from Delphos to Mandale, 12 m., completed Oct. 15 1904. V. 77, p. 88, 694. Leased to Cincinnati Hamilton & Dayton for 99 years from Nov. 1 1903, with privilege of renewal for like periods forever V. 78, p. 286. Stock, \$1,250,000, all owned by the Cin. Ham. & Dayton, which guarantees bonds, principal and interest. Mortgage is limited by special agreement to \$1,150,000, or about \$12,500 per mile. Bonds are subject to call at 102 1/2 and interest. V. 78, p. 286, 342, 701. Form of guaranty, V. 78, p. 701.—(V. 79, p. 2696.)

CINCIN. FLEMINGSBURG & SOUTHEASTERN RR.—V. 81 p. 507.

CIN. GEORGET. & PORTSMOUTH RR.—See Street Railway Section.

CINCINNATI HAMILTON & DAYTON RY.—The system includes:

Road owned—(a See this Co.) Miles.	Proprietary roads— Miles.
Cincinnati to Dayton, O.-----59	Cincinnati Ind. & Western-----a361
Dayton to Ironton, O.-----167	Cincinnati & Dayton-----13
Dayton to Delphos, O.-----94	Columbus Findlay & Northern-- 18
Trackage-----62	Bowling Green RR.-----19
Roads leased-----	Piqua & Troy Branch-----8
Dayton & Michigan-----a142	Pere Marquette RR.-----z2,396
Cinclin. Find. & Ft. Wayne-----a92	Chic. Cin. & Louisv-----z264
Home Ave. RR.-----3	
Total of all-----	3,698

z Control acquired in July 1904. aSee separate statements.  
 Has control of the Pere Marquette RR.; also owns Dayton & Union jointly with Clev. Cin. Ch. & St. L. and jointly with Southern Ry. controls Cin. New Ori. & Tex. Pac. Ry. V. 75, p. 978.

NEW CONTROL, &c.—In Sept. 1905 the Erie RR. arranged to acquire control by purchase through J. P. Morgan & Co. of about \$5,000,000 stock, but the obligations of the C. H. & D. under leases and other contracts, being found unduly heavy, Mr. Morgan, in Nov. 1905, relieved the Erie of its purchase. V. 81, p. 1609. On Dec. 4 1905 Judson Harmon of Cincinnati was appointed receiver of the C. H. & D. and Pere Marquette, the floating debt of the system being about \$5,000,000. In April 1906 foreclosure suit was brought under the 4 1/2 % mortgage of 1905 and steps, it was understood, were about to be taken to foreclose 4 1/2 % notes of 1905. V. 82, p. 803, 1040.

The receiver obtained authority to issue \$931,010 receiver's certificates to pay the interest due Jan. 1 1906 on C. H. & D. and Pere Marquette bonds, except the Pere Marquette collateral trust bonds (\$3,500,000) secured by Chic. Cin. & Louisv. stock. The certs., sub. to call at par from Aug. 1906, are a lien on entire properties, respectively, no mention being made in order as to priority over bonded debt. V. 81, p. 1847; V. 82, p. 160. The same amount of certificates was issued to pay July 1906 coupons. V. 83, p. 36. In Dec. 1905 the directors voted to annul the purchase of control of the Pere Marquette and the Chic. Cin. & Louisville (which see), and the lease of the former. V. 81, p. 1791; V. 82, p. 48, 160, 750.

Committee for Refunding 4s of 1904.—A committee, James N. Wallace, Chairman; Fred. C. Randall, Secretary (Central Trust Co., depository), requested deposits. V. 81, p. 1664.

Committee for Collateral 4 1/2 % Notes.—James N. Wallace, Chairman. V. 81, p. 1664, 1723; V. 82, p. 509, 568, 803.

The stockholders on Jan. 12 1905 authorized a lease of the Pere Marquette RR. for 999 years. V. 79, p. 2696; V. 80, p. 162; V. 81, p. 899. Under lease of Pere Marquette, the C. H. & D. guaranteed 5% on common and 4% on preferred stock, \$12,834,450 of the \$16,000,000 outstanding common and \$1,487,800 of the \$12,000,000 preferred being owned by C. H. & D. Toledo Terminal & Railway bonds, see that company.

STOCK.—In 1904 most of the \$6,925,500 5% pref. and all of the \$1,074,500 4% pref. stock was purchased by the company at \$110 and \$100 per share, respectively. V. 70, p. 733, 786, 902, 1461. See notes of 1905 below.

DIVIDENDS since consolidation November, 1895, to Aug., 1905. Preferred, issued in 1895-----5% yearly.  
 On common, 2% paid Dec. 24 1903; none since to Oct. 1905.

BONDS, &c.—The stockholders on Jan. 12 1905 authorized a new mort. to secure \$50,000,000 of 4 1/2 % bonds, of which \$25,000,000 to be reserved to retire at or before maturity a like amount of existing bonds shown in table (none of which except the Dayton & Michigan bonds, can be extended). V. 79, p. 2696; V. 80, p. 162.

The \$15,000,000 gold collateral notes of 1905 are secured by an equal amount of consols, 4 1/2s, the greater part (\$7,750,000) of the preferred 4%

and 5% stock of the C. H. & D., \$375,000 bonds of constituent companies, and 7,501 shares of Southwestern Construction Co. stock, representing joint ownership with Southern Ry. of control of the Cincinnati New Orleans & Texas Pacific Ry. Proceeds used to fund obligations incurred chiefly to retire preferred stock and pay in part for control of the Pere Marquette RR. V. 80, p. 1058.

The refunding 4s of 1904 cover all the road directly owned, the leases of the Dayton & Michigan and Findlay Fort Wayne & Western, and are further secured by deposit of \$11,000,000 Pere Marquette common stock and \$7,115,800 (entire stock issue) of Cincinnati Indianapolis & Western RR. Of the bonds, \$9,977,000 were sold to provide for purchase of Pere Marquette stock and improvements. V. 79, p. 212; V. 80, p. 162; V. 81, p. 154.

GUARANTIES.—Guarantees securities of Cin. Ind. & West., Dayton & Mich. and Cin. Find. & Ft. Wayne; also \$933,000 Ind. Dec. & West 5s and \$6,000,000 Pere Marquette refund. 4s.

REPORT.—Report for year ending June 30 1906 in "Chronicle" Oct. 20.

Year ending June 30—

	1905-06.	1904-05.	1903-04.
Miles operated-----	1,038	1,038	1,015
Gross earnings-----	\$8,519,153	\$8,106,145	\$8,272,152
Net income-----	1,607,718	1,785,118	2,210,425
Deduct interest on bonds-----	2,366,680	1,524,744	1,068,608
Interest on bills payable-----		29,792	
Div. pref. stock D. & M. RR.-----		96,900	96,900
Div. com. stock D. & M. RR.-----		83,892	84,066
Div. com. stock Home Ave. RR.-----	388,669	5,000	5,000
Div. com. stock C. I. & W. RR.-----		156,095	167,322
Other rentals-----		129,920	
Div. pref. stock C. H. & D. Ry.-----		122,554	389,237
Div. com. stock C. H. & D. Ry.-----			(2%) 160,000
Total-----	\$2,755,349	\$2,148,897	\$1,811,134
Surplus-----	df. \$1,147,631	df. \$363,779	\$899,239

OFFICERS.—Pres., F. D. Underwood; Gen. Mgr., William Cotter; Treas., J. E. Howard; Sec., Thos. J. Walsh; Asst. Treas., D. W. Bigoney; Asst. Sec., David Bosman.

Directors—Geo. W. Perkins, F. D. Underwood, Charles Steele, Samuel Spencer, Geo. F. Baker, Geo. W. Young, N. B. Ream and H. F. Shoemaker, New York; Chas. A. Otis Jr., J. H. Clarke and R. R. Rhodes, Cleveland, Ohio; N. Monsarrat, Columbus, Ohio; W. L. Dechant, Middletown, Ohio.—(V. 82, p. 160, 509, 563, 568, 750, 803, 986, 1040; V. 83, p. 36, 817.)

CINCINNATI INDIANAPOLIS & WESTERN RR.—Hamilton, O., to Springfield, Ill., 296 m.; Sidell, Ill., to West Liberty, 78 m.; trackage, West Liberty to Olney, 8 m. A consolidation Sept. 1902; V. 75, p. 230, 289, 497, 732. Stock authorized, \$8,200,000; issued, \$7,115,800; all owned by C. H. & D., which received dividends thereon in 1902-03, \$126,798; in 1903-04, \$167,322; in 1904-05, \$156,095.

BONDS.—The "first and refunding" 4s of 1902 (\$8,200,000 authorized issue) are guaranteed, principal and interest, by C. H. & D. by endorsement on each; \$4,722,000 were issued in exchange for existing bonds, of which \$50,000 in the Cin. Ham. & Dayton treasury; \$3,478,000 are reserved to retire Ind. Dec. & West. 5s. V. 75, p. 1201, 1353; V. 77, p. 1290; form of guaranty, V. 78, p. 2011.

The I. D. & W. bonds are redeemable by lot at 110 at any time on eight weeks' notice; \$933,000 are guaranteed by Cin. Ham. & Dayton. Car trusts June 1906, \$140,000 4% equipment notes, due yearly to Nov. 1 1911, inclusive, interest M. & N.

EARNINGS.—Year ending June 30 1905, gross, \$2,272,312; net, \$567,181; charges, \$411,086.—(V. 79, p. 2696.)

CINCINNATI INTER-TERMINAL RR.—Owns a road connecting the Ches. & Ohio bridge and the Cincinnati Ham. & Dayton terminals. Controlled by Ches. & Ohio Ry. Common stock, \$10,000, in \$100 shares, issued for purpose of control. There will be issued \$1,000,000 of 1st preferred 4% cumulative stock, secured by mortgage to the Union Savings Bank & Trust Co. of Cincinnati, as trustee, and rentals paid by Ches. & Ohio and Louisville and Nashville, and subject to call on any interest day after Feb. 1 1915 at 105. V. 79, p. 212; V. 80, p. 1728, 2398, 2620. Pres., Geo. W. Stevens.—(V. 80, p. 2620.)

CINCINNATI LEBANON & NORTHERN RY.—Owns Cincinnati, O., to podds, 38 miles, including 6 miles from Lebanon to Dodds, leased to the Dayton Leb. & Cin. RR.; Middletown Jet. to Middletown, O., 14 miles (former Mid. & Cin. RR., taken over Jan. 1 1903); total, 52 miles. Stock authorized, \$1,500,000; outstanding, \$993,000, mostly owned by Penn. Co. V. 75, p. 980. Of the \$1,500,000 1st consols, 4s of 1902, guaranteed principal and interest by the Pennsylvania Company, \$200,000 are reserved to retire the 5s due 1916. V. 77, p. 86. Cal. year 1905, gross, \$298,152; net, \$73,203; charges, \$65,204.—(V. 77, p. 86.)

CINCINNATI & MUSKINGUM VALLEY RR.—(See Map of Pittsburgh Cincinnati Chicago & St. Louis.)—Owns Morrow, O., to Trilway, O., 143 miles; half interest Zanesville Terminal RR., 5 miles. V. 77, p. 86.

Successor Aug. 1 1898 to Cincinnati & Muskingum Val. Ry., foreclosed. V. 67, p. 27. Of the bonds \$400,000 are reserved for future needs; sinking fund retires yearly 1% of those outstanding, if offered at par or less. The Pennsylvania Company guarantees the bonds, principal and interest. See form of guaranty, V. 76, p. 653. Stock, \$2,000,000, all owned Jan. 1 1906 by the Pitts. Cin. Chic. & St. L. Ry. Dividends: 1900, 6%; 1901 to 1905 incl., 2% yearly. Penn. RR. owns \$1,318,000 of the \$1,750,000 bonds. Car trusts, \$156,783 3 1/2s, payable \$22,400 yearly to June 1912.

Report for 1905 was in V. 82, p. 1494, showing:

Yr. end, Dec. 31.	Gross.	Net.	Interest.	Dividends.	Balance.
1905-----	\$834,095	\$170,752	\$64,000	(2%) \$40,000	\$75,752
1904-----	704,371	137,621	64,000	(2%) 40,000	33,621

Payments in addition to above in 1905 were \$17,415 for additions, improvements, &c. (against \$13,156 in 1904), and \$17,126 on account of car trusts and other interest.—(V. 81, p. 270; V. 82, p. 1494.)

CINCINNATI NEW ORLEANS & TEXAS PACIFIC RY.—(See Map of Southern Ry.)—Operates Cincinnati Southern Ry., owned by city of Cincinnati Cincinnati to Chattanooga Tenn., 336 m.; trackage, 2 m. In



RAILROADS. For explanation of column headings, &c., see notes on first page of tables.	Miles of Road.	Date of Bonds.	Size, or Par Value.	Amount Outstanding	INTEREST OR DIVIDENDS.			Bonds—Principal, When Due Stocks—Last Dividend.
					Rate %	When Payable.	Where Payable, and by Whom.	
<b>Cleveland Cincinnati Chicago &amp; St Louis—(Concl'd)</b>								
Central Indiana 1st M \$4,000,000 gold guar....Ce	125	1903	\$1,000	\$750,000	4 g	M & N	Central Trust Co, N Y	Nov 1 1953
Ch I & St L S L 1st M \$3,000,000 gold guar. Ce.c* & r	45	1903	1,000	3,000,000	4 g	A & O	New York	April 1 1953
Springfield Union Depot 1st M \$300,000 guar....Ce	---	1905	1,000	None	4 g	J & J	do	Jan 2 1955
Louisville & Jeffersonville Bridge 1st M—See that Co								
<b>Cleveland Columbus Cincinnati &amp; Indianapolis—Cleveland</b>								
Cleveland Lorain & Wheeling—Prof stock \$5,000,000	land	Indiana	polls	St	Louis & Chicago—See	Cleveland	nd Cincinnati Chicago &	St Louis
Consol mortgage (now first) gold Usm.c*	192	1893	1,000	5,000,000	5 g	A & O	2 Wall Street, New York	Oct 1 1906 2 1/2
General mortgage \$1,000,000 gold redeem at 105...N	192	1896	1,000	893,000	5 g	J & D	do	do
Con ref M \$10,000,000 gold red at 102 1/2...Col.c*	192	1900	1,000	950,000	4 1/2 g	J & J	do	do
Cleve & M V—Con M now first) \$3,000,000 g...Ce.c* & r	125	1888	1,000 & c	2,935,000	5 g	See text.	Winslow, Lan & Co, N Y	Jan 1 1938
Cleve & Mar—1st M slnk fd not drawn gold guar...F.c*	103	1895	1,000	1,250,000	4 1/2 g	M & N	Farmers L & Tr Co, N Y	May 1 1935
Cleve & Pittsburgh—Stock 7% guar by Penn RR Co	---	---	---	11,247,593	7	Q—M	Winslow, Lan & Co, N Y	Sept. 1 1906 1 1/2
Special betterment stock \$10,738,135 guaranteed 4%	---	---	---	7,477,800	4	Q—M	do	do
Gen M \$10,000,000 gold...F) Series A & B...c*	202	1892	1,000	4,561,000	4 1/2 g	x	do	do
Guaranteed prin & Inter) Series C & D...c*	202	'98-'00	1,000	4,919,000	3 1/2 g	y	do	do
(end.) Penn RR...Series B Interest red...c*	202	1892	1,000	439,000	3 1/2 g	A & O	do	do
<b>Cleveland Terminal &amp; Valley—See Baltimore &amp; Ohio</b>								
Coal & Coke—First mortgage \$10,000,000 gold...c	184	1903	1,000	9,268,000	5 g	A & O	Elkins, W Va, or Balt	April 1 1919
Coal & Iron—See Western Maryland								
Coal River Ry—See Chesapeake & Ohio								
Colebrookdale—1st M \$593,400 und Read M of 1897...c	13	1868	100 & c	600,000	6	J & D	Reading Co Office, Phila	June 1 1898
Colorado Midland—First mortgage \$10,000,000...Ce.c*	259	1897	1,000	9,179,000	4 g	J & J	Central Trust Co, N Y	July 1 1947
Colorado & Northwestern—1st M \$1,000,000 gold...Us	51	1904	1,000	1,000,000	5 g	J & J	United States Tr Co, N Y	July 1 1954
Colorado & Southern—Common stock \$31,000,000	---	---	---	31,000,000	---	---	---	---
First preferred 4% non-cumulative \$8,500,000	---	---	---	8,500,000	4 in 1906	A & O	Halgarten & Co, N Y	Oct 1 1906 2%
Second preferred 4% non-cumulative \$8,500,000	---	---	---	8,500,000	---	---	---	---
First mortgage gold \$19,853,000...Ce.c*	1,059	1899	1,000	19,403,000	4 g	F & A	Central Trust Co, N Y	Feb 1 1929
Ref M \$100,000,000 gold red 101 begin 1908...Ce.c* & r	---	---	---	See text.	4 1/2 g	M & N	do	do
Col So N O & Pac—1st M \$12,000,000 g red 102 1/2...Ce	---	---	---	See text.	4 1/2 g	M & N	New York	Nov 1 1925
Col Sp & Crip Cr D Ry—1st M \$2,000,000 g s f...Ce	75	1900	1,000	1,816,000	5 g	J & J	Chem Bk, N Y; & Col Sp	Jan 1 1930
Second mortgage \$1,000,000 gold sinking fund...c	75	1901	1,000	244,000	5 g	A & O	Int Tr Co, Denv & Col Sp	April 1 1921
First consol mortgage \$3,600,000 gold...Mo.c* & r	---	---	---	1,379,000	5 g	A & O	M Trust, N Y; & Col Spr	Oct 1 1942
Colorado & Wyoming Ry—1st M \$7,500,000 gold...Me	171	1903	1,000	4,500,000	4 g	M & S	Boston Block, Denver	Mar 1 1953
Col Newb & Laurens—1st M \$12,000 per mile...SBa	75	1887	1,000	899,000	3 g	J & J	State Dep & Tr Co, Balt	July 1 1937
Columbia Southern—1st M gold \$2,100,000...N	70	1898	1,000	700,000	5 g	J & D	N Y Trust Co, N Y	Dec 1 1948
x Series "A," J & J; "B," A & O. "y" C, "M & N; "D," F & A								

**DIVIDENDS.**—On pref. 1896, 3%; Dec. 1904, 2 1/2%; Mch. 1905, 2 1/2%; Oct. 1905, 2 1/2%; Apr. 1906, 2 1/2%; Oct., 2 1/2%.

**BONDS.**—Of the \$10,000,000 consol. refunding gold 4 1/2s, \$5,000,000 are reserved to retire 1st 5s, \$1,000,000 for general 5s due June 1 1936, remainder for improvements, &c.; V. 70, p. 230, 480.

**REPORT.**—Report for year ending June 30 1905 was in V. 81, p. 1487, showing, gross, \$3,367,381; net, \$885,119; charges, \$526,509; balance, \$358,610.—(V. 81, p. 1315, 1487.)

**CLEVELAND & MAHONING VALLEY RY.**—Owns from Cleveland, O., to Sharon, Pa., 81 miles (57 double track); Niles, O., to New Lisbon, O., and branches, 44 miles. Leased to Nypano RR. (formerly N. Y. Penn. & Ohio) till 1962; rental \$525,967 per annum. Coupon interest is J. & J., registered interest, Q. J. Stock is \$3,259,200, of which \$2,258,250 is held by "Atlantic First Leased Lines Rental Trust Co., Limited," of London. Dividends in 1897, 13 1/4%; 1898 to 1904, both inclusive, 13 1/2% yearly; in 1905, 11.42%.—(V. 63, p. 968.)

**CLEVELAND & MARIETTA RY.**—Owns from Marietta, O., to Canal Dover, 103 miles, and branch, 7 miles, Zoar, O., to Canal Dover, leased. Stock, \$2,000,000, of which the Pennsylvania Co. Jan 1 1906 owned \$1,786,100 (par \$100); surplus earnings over charges go to C. & M.

**BONDS.**—Guaranteed prin. and int. by Penn. Co. sinking fund 1%.  
**EARNINGS.**—Report for 1902 in V. 77, p. 87. In 1905, gross, \$798,351; net, \$90,477; int. on bonds, \$56,250; bal., surplus, \$34,227. In 1904, gross, \$828,071; net, \$181,142.—(V. 77, p. 87.)

**CLEVELAND & PITTSBURGH RR.**—(See Map Pennsylvania Railroad.)—Cleveland, O., to Rochester, Pa., 124 miles; branches—Bayard, O., to New Philadelphia, 31 m.; Yellow Creek to Belleaire, 43 m.; other, 3 m.; trackage, Rochester to Pittsburgh (Pittsb. Ft. W. & Chlc.), 26 m.; total, 227 miles.

**LEASE.**—Leased for 99 years Dec. 1 1871 to Penn. RR. Co., and lease transferred to Pennsylvania Co. Rental, 7% on \$11,261,865 stock, interest on bonds and organization expenses. "Special guaranteed betterment stock" (subordinate to the original stock as to dividends only), with dividends of 4% guaranteed by the Penn. RR., is issuable for improvements. V. 79, p. 2205, 2642; V. 83, p. 625.

**BONDS.**—Generals are all equally secured; guaranty. V. 56, p. 604.  
**EARNINGS.**—In 1905 gross earns., \$8,648,053; net \$3,116,904; profit of lessee was \$1,583,219.—(V. 79, p. 2795; V. 82, p. 217; V. 83, p. 265, 687.)

**CLEVELAND SHORT LINE RY.**—V. 82, p. 1322; V. 83 p. 271.

**CLEVELAND TERMINAL & VALLEY RR.**—(See Map Baltimore & Ohio.)—Owns from Cleveland, O., to Valley Junction, 75 miles; branches, 7 ml s; yard track and sidings, 87 miles.

**STOCK.**—Of the \$5,200,000 common (par \$50) B. & O. owns \$4,594,300 common and of the \$1,822,200 preferred, \$949,200; par \$100.

**BONDS.**—The first mort. bonds are guaranteed, principal and interest, by the B. & O. endorsed. Car trust lease warrants (5s), \$84,000, due \$27,000 May 1 yearly to 1909, inclusive.

**REPORT** for year ending June 30 1905 was in V. 81, p. 1488, showing gross, \$1,033,497; net income, \$166,037; interest, &c., \$263,990; deficit, \$97,953.—(V. 81, p. 1315, 1488.)

**COAHUILA COAL RY.**—V. 82, p. 868, 1379.  
**COAHUILA & PACIFIC RY.**—See Mexican Central Ry.

**COAL & COKE RY.**—Owns from Lelter, W. Va., to Charleston, W. Va., 166 miles; completed Jan. 1 1906. In 1904 acquired Roaring Creek & Bellington RR., Mable to Bellington, W. Va., &c., 18 miles. Branch from Middle Fork to Cassity Fork, 12 m., was completed July 1906. About 100,000 acres of coal lands are owned along the line of the road. Stock authorized and outstanding, \$10,000,000. Mortgage covers road and coal lands; V. 78, p. 47. Loans and bills payable June 30 1906, \$2,429,281; car trusts, \$220,000. Year ending June 30 1906 (184 miles), incl. Roar. Cr. & Bel., gross, \$550,684; net, \$139,996; other income, \$126,855; int. on bonds, \$465,730. Pres., H. G. Davis, Elkins, W. Va., Sec., C. M. Hendley, Washington, D. C.—(V. 81, p. 264.)

**COLEBROOKDALE RR.**—Pottstown to Barto, Pa., 12.84 miles. Leased to Phila. & Reading Ry. Common stock, \$297,215; par, \$50.

**COLORADO MIDLAND RY.**—Owns from Colorado Springs to New Castle, Col., through Busk-Ivanhoe tunnel, 234 miles, including Snowden to Leadville, 8 miles, not operated; Jerome Park branch, 15 miles; Aspen branch, 18 miles; total owned, 267 miles. Leases New Castle to Rifle Creek, 14 miles, and Rio Grande Junction RR., Rifle Creek, Col., to Grand Junction, 63 miles; total owned and leased, 344 miles.

**ORGANIZATION.**—Successor Oct. 1897 to the Colorado Midland Railroad, foreclosed and reorganized per plan in V. 64, p. 1224, 1226. In May 1900 a majority of the stock was purchased in the joint interest of the Colorado & Southern and Denver & Rio Grande. V. 70, p. 686, 791, 997, 1290; V. 71, p. 28; V. 73, p. 1111. No stock is held by the public. Pref. 6,000,000; common, \$4,000,000.

**BONDS.**—In June 1900 the \$6,250,000 2, 3, 4s were made full 4% bonds, and the right to issue \$500,000 prior lien 4s was waived; V. 70, p. 1290; c also V. 71, p. 139. (V. 72, p. 821.)

**EARNINGS.**—2 mos. 1906.....Gross, \$414,400; net, \$111,089  
July 1 to Aug. 31. 1905.....Gross, 346,666; net, 74,583  
Yrs. end. June 30. Gross. Net. Misc. inc. Charges. Balance.  
1905-06.....\$2,132,665 \$604,755 \$40,948 \$522,061 sur \$123,642  
1904-05.....1,975,227 348,989 36,963 457,127 def 71,175

**OFFICERS.**—Pres., Frank Trum; Vice-Pres., Chas. H. Schlacks; Treas., H. B. Henson; Sec., J. Stewart MacKie, 71 Broadway, New York. Dir ctors.—Grenville M. Dodge, Edwin Hawley, E. C. Henderson, George J. Gould, Edwin Gould, Winslow S. Pier e, Harry Bronner, E. T. Jeffery, Frank Trumbull and Charles H. Schlacks.—V. 75, p. 665; V. 77, p. 2035, 2389.

**COLORADO & NORTHWESTERN RR**—Boulder to Ward, Col., 26 miles; Sunset to Eldora, 20 miles; branches, 5 miles; total, 51 miles. Extension of Sunset Eldora line is to be built. Has 10-year contract, expiring 1915, to reach Denver Union Depot from Boulder over Colorado & Southern (3d rail electric). V. 80, p. 650.

Successor to the railway company, sold in foreclosure May 4 1904. Stock \$1,000,000, all outstanding. Bonds, see table above, V. 78, p. 1961; V. 79, p. 212, 268. Year ending June 30 1906, gross, \$89,046; net, \$6,924; oper. expenses including \$37,000 for equipt. Pres., S. B. Dick, Meadville, Pa.; Vice-Pres. and Gen. Mgr., Robert Law; Sec.-Treas., W. B. Hayes.—(V. 81, p. 507; V. 83, p. 687.)

**COLORADO & SOUTHERN RY.**—(See Map.)—Operates a system from Orin Jct., Wyoming, through Colorado to Fort Worth, Tex., and by extensions building will reach tidewater at Galveston, Tex., and also Houston Dallas and other points, viz.: (\*which see)

Lines owned—	Miles.	Controlled—	Miles.
Cheyenne to Orin Junction.....	154	Fort Collins Development.....	16
Denver to Bessemer Jct., Colo.....	129	Ft. Worth & Denver City.....	*454
Denver to Leadv. (nar. gauge).....	152	Col. Spr. & Crip. Cr. District.....	*75
Como to Baldwin Mine (do).....	131	Wichita Valley.....	*113
Trinidad, Col., to Tex. St. line.....	135	Wichita Falls & Oklahoma.....	22
Oth. lines, br., &c. (106 nar. gauge).....	359	Ablene & Northern.....	38
Trackage—Pueblo to Walsenb'g		Trinity & Brazos Valley.....	*415b
(Denver & Rio Grande).....	58		
Total.....	1,118	Total mileage operated and building.....	a b2,251

a Includes 60 miles under construction. b Includes 157 miles to be operated Nov. 1906 and 67 miles Jan. 1907 and 114 miles trackage. Also owns half interest in Colorado Midland, operating 336 miles.

**ORGANIZATION.**—Succeeded on Jan. 11 1899, per plan in V. 67, p. 748, the Union Pacific Denver & Gulf and Denver Leadville & Gunnison. Owns a large majority of the common stock of Fort Worth & Denver City Ry., which see. Colorado Midland is controlled jointly by Colorado & Southern and Rio Grande Western. V. 70, p. 739. In Mch. 1902, Edwin Hawley, Pres. of Minneapolis & St. Louis RR., and associates, acquired control. V. 74, p. 679, 727. The voting trust expired April 1 1905. Denver & Interurban (Electric) Ry. V. 79, p. 1266.

In 1905 control of Col. Spr. & Crip. Cr. Dist. Ry. was acquired; also Trin. & Brazos Val., Cleburne to Mexia, Tex., 79 miles, with extensions building (of which half interest later sold to St. Louis & San Francisco), and Wichita, Val., Byers to Seymour Tex., 75 miles. See "Finances" below and V. 80, p. 1423, 1856; V. 81, p. 1241; V. 82, p. 928; V. 83, p. 695. Stockholders on April 28 1906 authorized construction of a line from Trinidad, Col., north-erly about 120 miles to Florence. V. 82, p. 986. Possible sale of road, V. 83, p. 379.

**DIVIDENDS.**—1st pref., 1900, 2%; 1901, 3 1/2%; 1902, 3 1/2%; 1903, 4% 1904, April, 2%; 1905, none; 1906, 4% (A. & O.).

**BONDS.**—1st M., see V. 68, p. 1027; V. 77, p. 2158; V. 79, p. 2147. The \$100,000,000 refunding bonds of 1905 are issuable or reserved as follows (compare "General Finances" below):

For refunding bonds and equipment obligations of the system, including controlled lines.....	\$36,850,000
For betterments and improvements, including equipment, at the cumulative yearly rate, beginning Jan. 1 1905, of \$500 per mile of operated and controlled lines.....	15,000,000
For reimbursement of the treasury of the company, &c.....	2,500,000
For acquisition of additional property (including proper provision for the cost of double-tracking parts of the existing main lines of the system).....	45,650,000

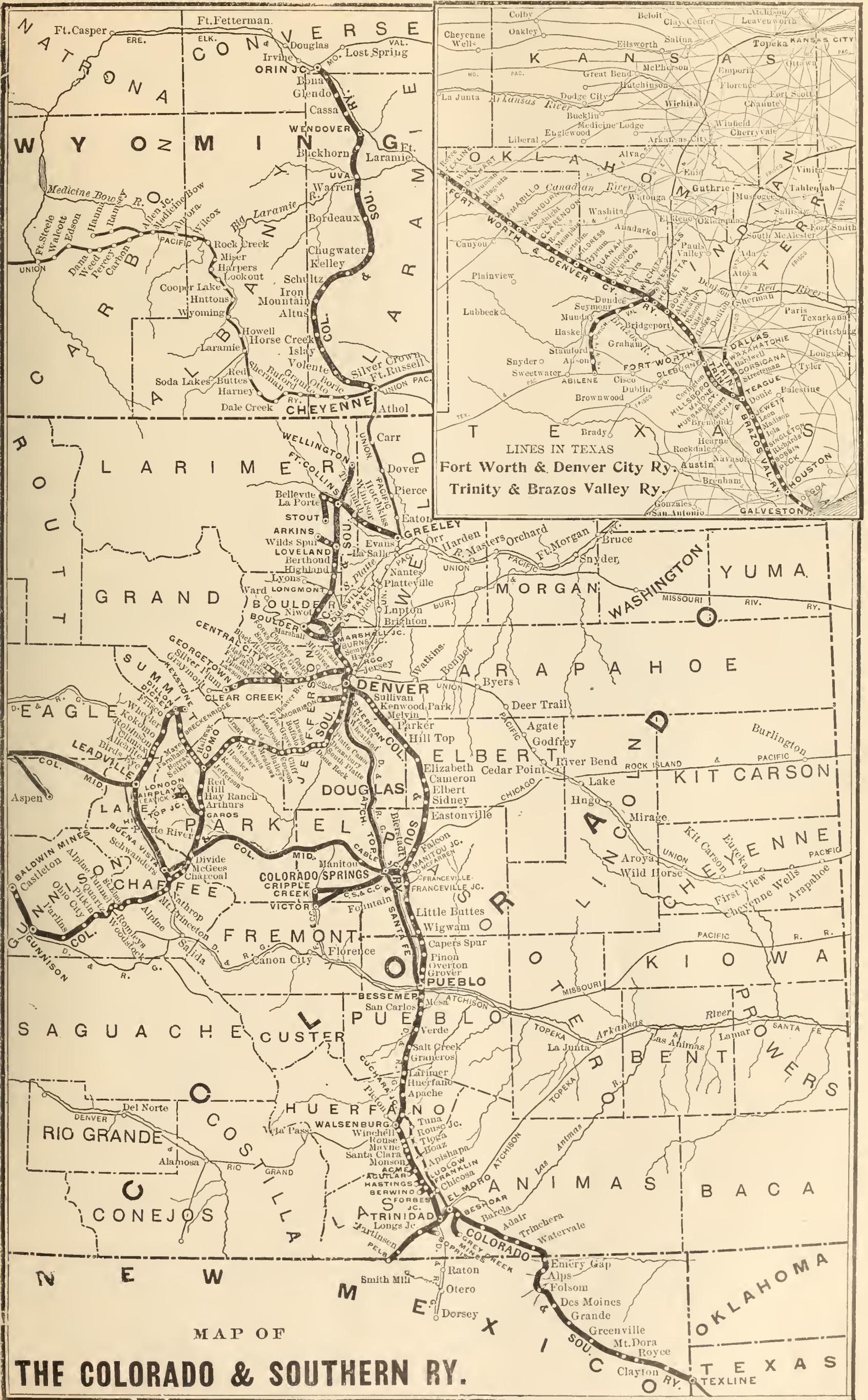
**GENERAL FINANCES.**—In April 1905 a syndicate purchased about \$17,000,000 of a proposed issue of \$100,000,000 refunding 4 1/2% bonds and agreed to furnish \$15,000,000 cash. Of these bonds, \$8,000,000 will be issued to take up the equipment trusts ("the payments on which now aggregate about \$400,000 per annum") and certain other obligations of the Colorado & Southern and the Fort Worth & Denver City, pay for the Cripple Creek Short Line RR. and provide working capital, the remaining \$9,000,000 to pay for a new extension to the Gulf at a cost of from \$17,000 to \$22,000 a mile, including the Trinity & Brazos Valley. No further bonds, except about \$1,000,000 a year for additions and betterments, can be issued before 1909 without consent of syndicate managers. V. 80, p. 1423, 1971. On June 30 1906, \$11,372,032 had been issued.

The Rock Island Co. has agreed to share equally with the Colorado Southern in any deficiency in earnings of Trinity & Brazos Valley to meet the interest on the bonds (approximately \$9,000,000) to be issued under Colorado & Southern mortgage to construct the road from Fort Worth to Houston, Tex., and to pay on May 1 1935 (date of Col. So. refunding mtge.) for an unencumbered half interest in Trinity & Brazos Valley securities or join in re-financing same. V. 82, p. 986; V. 83, p. 695.

**EARNINGS.**—Including Ft. Worth & Denver City and all affiliated lines  
For 2 months, 1906.....Gross, \$2,124,566; net, \$397,221  
July 1 to Aug. 31. 1905.....Gross, 1,823,419; net, 501,043

**REPORT.**—Report for 1905-06 at length, showing operations of system including the Ft. Worth & Denver City and Col. Spr. & Crip. Cr. Dist. Ry and Fort Collins Dev. Ry. (the net earnings of the portion of the Trinity & Brazos Valley in operation, 79 miles being included in other income, was in V. 83, p. 683, 695.)

Year end. June 30—	1905-06.	1904-05.	1903-04.
Miles operated.....	1,663	1,663	1,118
Gross earnings.....	\$11,653,446	\$9,443,426	\$5,702,687
Operating expenses and taxes.....	8,214,307	7,230,617	4,492,672
Net earnings.....	\$3,439,139	\$2,212,809	\$1,210,015
Total net income.....	\$3,596,413		\$1,240,799
Interest on bonds, &c.....	1,830,201		811,958
Dividends on 1st preferred.....	(2)170,000		(4)340,000
Balance surplus.....	\$1,596,212		\$97,841



RAILROADS. For explanation of column headings, &c., see notes on first page of tables.	Miles of Road.	Date of Bonds.	Size, or Par Value.	Amount Outstanding	INTEREST OR DIVIDENDS.			Bonds—Prin- cipal, When Du- Stocks—Last Dividend.
					Rate %	When Payable.	Where Payable, and by Whom.	
Columbia & Greenville—See Southern Ry.								
Columbus & Lake Mich—1st M g \$20,000 p m. Ta.c*	---	1902	\$1,000	\$800,000	5	M & S	See text.	Sept 1 1922
Columbus & Toledo—See Hoeking Valley Ry.								
Columbus & Xenia—Stock 8% rental.	55	-----	50	1,786,200	See text.	Q—M	Treasurer, Columbus, O	Sept 10 1906 2%
Combination Bridge (Sioux City Ia)—First mortgage	---	1895	500 &c	500,000	5	J & J	Hanover Nat Bk, N Y	July 1 1915
Concord & Claremont (N H)—First mortgage	71	1894	1,000	500,000	4 1/2	J & J	First Nat Bank, Boston	Jan 1 1914
Concord & Montreal—Stock Class I (B C & M pref)	---	-----	100	800,000	7	Q—J	Checks mailed	Oct 1 1906 1 1/2%
Stock Class II (B C & M new)	---	-----	100	540,400	7	Q—J	do	Oct 1 1906 1 1/2%
Stock Class III (B C & M old stock)	---	-----	100	459,600	7	Q—J	do	Oct 1 1906 1 1/2%
Stock Class IV (Concord) \$6,000,000 auth (text)	---	-----	100	5,647,600	7	Q—J	do	Oct 1 1906 1 1/2%
Boston Con & Mon Improvement mortgage	166	1881	1,000	500,000	6	J & J	Faneuil Hall Bk, Boston	Jan 1 1911
Concord & Montreal cons M for \$5,500,000 BB.c*	262	1890	1,000	5,000,000	4	J & D	Safe Dep & Tr Co, Bost	June 1 1920
Debtenture bonds, \$1,150,000, currency	---	'97-'99	1,000	1,050,000	3 1/2 & 4	J & D	Bost S D & Tr, Boston	June 1 1920
do do \$500,000 interest guaranteed	---	1900	1,000	473,000	3 1/2	J & D	do	June 1 1920
Concord & Portsmouth—Stock 7% rental 99 yrs Conc	40 1/2	---	100	350,000	7	J & J	Manchester, N H	July 1906 3 1/2%
Conn & Passumpsic—Pref stock 6% rental 99 years.c*	---	---	100	2,500,000	6	F & A	Safe Dep & Tr Co, Bost	Aug 1 1906 3%
First mortgage \$1,900,000 gold	110	1893	1,000	1,900,000	4 g	A & O	do	April 1 1943
Massawippi stock guar same div as Conn & Passump	37	---	100	400,000	6	F & A	do	Aug 1916 3%
Newport & Riehford 1st M guar by C & P	22	1881	1,000	350,000	5	J & J	do	Jan 1 1911
Connecticut River—Stock (\$3,670,300 authorized)	80	---	100	3,630,000	10	J & J	Boston, Mass	July 2 1906 5%
Bonds not mortgage for \$1,000,000 gold	---	1893	1,000	1,000,000	4 g	M & S	do	Sept 1 1943
Bonds not mortgage	---	1901	1,000	290,000	3 1/2	J & J	do	Jan 1 1921
do do	---	1903	1,000	969,000	3 1/2	J & J	do	Jan 1 1923
V Val 1st M with \$500,000 S Co RR stock as col	24	1880	1,000	800,000	5	A & O	Safe Dep & Tr Co, Bost	Oct 1 1910
Conn (Phila)—Phila G & Ch H 1st M guar by Penn	7	1883	1,000	1,000,000	4 1/2	M & N	Broad Street Stat'n, Phil	May 1 1913
Conn Ry 3 1/2% gold mortgage \$5,000,000	37	1902	1,000	991,000	3 1/2 g	M 15 & S	do	Mar 15 1932
Cooperstown & Susq Val—1st M \$200,000 int guar	19 1/2	1888	100 &c	200,000	5	M & N	Nat Bk, Cooperst'n, N Y	May 1 1918
Copper Range—First mortgage gold (see text)	Text	1899	500 &c	2,025,000	5 g	A & O	Boston, Mass	Oct 1 1949
Cornwall & Lebanon—Stock	26	---	50	800,000	6	J & J	Co.'s Office, Lebanon, Pa	July 31 1906 3%
First M \$800,000 to be extended at 4%	26	1891	100 &c	764,900	4	A & O	do	April 1 1921
Corvallis & Eastern—First M (\$11,250,000) Ce.c*	---	1898	1,000	1,410,000	4 g	F & A	New York City	Feb 1 1908
Cripple Creek Central—Common stock	---	---	100	2,500,000	See text.	Q—J 25	Checks mailed.	Oct 20 '06 1 1/2%
Preferred stock 4% non-cumulative	---	---	100	3,000,000	4 in 1906	Q—J 25	do	Oct 20 1906 1%
Midland Term first mortgage gold sinking fund F.c*	41	1895	1,000	438,000	5 g	J & S	Farmers L & Tr Co, N Y	Dec 1 1925
Cuba Eastern—First mortgage \$1,000,000 gold K.c*	43	1903	1,000	1,000,000	6 g	M & S	Knickerbocker Tr Co, N Y	Mar 1 1933
Northeastern Cuba 1st M \$1,000,000 g gu p & l K	53	1905	1,000	900,000	5 g	M & S	do	Mar 1 1955
Cuba RR—1st M gold \$20,000 per mle Mo.c&r	408	1902	1,000 &c	5,349,000	5 g	J & J	Morton Trust Co, N Y	July 1 1952

OFFICERS.—Chairman, Grenville M. Dodge, N. Y.; Pres., Frank Trumbull, N. Y.; Gen. Mgr., Joseph H. Young, Denver, Col.; Sec. and Treas., James Stewart MacKle, 71 Broadway, New York.

Directors—Grenville M. Dodge, Henry Budge, James N. Wallace, John J. Emery, B. F. Yoakum, Edwln Hawley, Frank Trumbull, Henry E. Huntington, W. S. Crandell, Norman B. Ream, Hans Wintersfeldt and Harry Bronner, New York City; Henry Walters, Baltimore, Md.—(V. 83, p. 695.)

COLORADO SOUTHERN NEW ORLEANS & PACIFIC RR.—Under construction from Baton Rouge, La., to De Quincey, La., about 250 m.; from Baton Rouge to have Illinois Central trackage to New Orleans. Extension is proposed from De Quincey to Houston, Tex., to include Kansas City Southern trackage between De Quincey and Beaumont, Tex., and the Beaumont Sour Lake & Western RR., Beaumont to Sour Lake, 22 m., and the Orange & Northwestern RR., Buna to Orange, Tex., acquired.

In April 1906 the St. Louis & San Francisco acquired the road, \$8,500,000 of the bonds being deposited as security for \$7,500,000 St. Louis & San Francisco notes. V. 82, p. 928. Stock authorized, \$2,000,000; par of shares, \$100. Bonds, see table above. V. 82, p. 509, 868. Pres., C. C. Cordill, New Orleans, La.—(V. 82, p. 509, 803, 868, 986.)

COLORADO SPRINGS & CRIPPLE CREEK DISTRICT RY.—Colorado Springs to Cripple Creek, Col., 46 m.; branch, Cameron to Victor, 5 m.; other branches and spurs, 24 m.; total, 75 m., of which 59 m. steam, 14 m. steam and electric and 2 m. purely electric. In Jan. 1905 Colorado & Southern acquired all the stock except \$900 com. V. 80, p. 472, 1111, 1423.

Stock, all outstanding, com., \$1,200,000; pref., 5% non-cum., \$800,000. Par of shares, \$100 each. Sinking fund can retire first mort. bonds yearly at 110 for the first 15 years, then at 107 1/2 for 5 years, then 105 for the next five years, then 102 1/2 for three years, thereafter at par. V. 76, p. 345.

EARNINGS.—For year ending June 30 1904 gross earnings, \$764,719; net income, \$339,007; charges, \$201,570; sinking fund, \$38,236; surplus, \$99,201. Earnings are now included in those of Col. & So. Ry. system. Pres., Frank Trumbull.—(V. 81, p. 725.)

COLORADO TEXAS & MEXICO RY.—Graded in June 1905 from Llano to Fredericksburg, Tex., 48 m., and construction was in progress from Abilene to Haskell, Tex., 52 m. Stock authorized, \$375,000; par of shares, \$100. The stockholders were to vote July 10 1905 on making a mortgage. Pres. Morris R. Locke, 20 Broad St., N. Y.—(V. 80, p. 2457.)

COLUMBIA NEWBERRY & LAURENS RR.—Columbia to Laurens, S. C., 75 m. Stock, \$500,000. Bonds were 6s, but re-issued as 3s in 1900 under agreement, certificates of interest to amount to 40% of bonds being issued bearing interest, if earned.

EARNINGS—2 mos., } 1906 ----- Gross, \$46,672; net, \$9,876  
July 1 to Aug. 31, } 1905 ----- Gross, 38,670; net, 11,385  
Year ending June 30 1906, gross, \$289,120; net, \$51,748; interest, \$28,385; bal., sur., \$23,363. Pres., W. G. Childs, Columbia, S. C.

COLUMBUS & LAKE MICHIGAN RR.—V. 82, p. 803.

COLUMBUS & SOUTHERN RY.—Lancaster Jct., O., at a connection with the Penn. RR., to South Bloomingville, 34 m. Successor to the Columbus Wellston & Southern RR., sold in foreclosure on Dec. 4 1901. V. 73, p. 206; V. 75, p. 184. Stock authorized, \$2,000,000. President, Fred C. Rector, Columbus, O.—(V. 75, p. 239; V. 82, p. 1379.)

COLUMBUS & XENIA RR.—Owns from Columbus, O., to Xenia, O., 55 miles. Operated as a division of the Little Miami, and is leased for 99 years from Dec. 1869, in connection with that road, to the Pittsburgh Cincinnati Chicago & St. Louis, which pays 8% on stock. The lease is guaranteed by Pennsylvania RR. Co. Dividends, 2-5% per annum, from assets, were discontinued in 1901.—(V. 72, p. 532.)

COMBINATION BRIDGE (SIOUX CITY, IA).—Owns steel bridge 1,940 feet long over Missouri River, with approaches, 1 mle, used by railroads and street cars and as a highway. Stock, \$1,500,000. Mort. trustee, Union Trust Co., Indianapolis, Ind. Pres., Jos. C. Head, Latrobe, Pa.; Sec., F. L. Eaton, Sioux City, Ia.—(V. 78, p. 102, 286.)

CONCORD & MONTREAL RR.—From Nashua, N. H., via Concord, Plymouth, &c., to Groveton and the White Mountains, 450 miles in all, including Manchester & Keene, 30 m., owned jointly, 414 m.; 35 m. double track. Owns Concord Street Ry., 13 m.; also electric branch from Concord to Manchester, N. H., 17 m. On March 7 1906 acquired at foreclosure sale the Nashua Acton & Boston RR., 20 miles. V. 82, p. 568.

On June 29 1895 leased to Boston & Maine for 91 years at rental of 7% per annum on all stock.—(V. 78, p. 286; V. 82, p. 568.)

CONCORD & PORTSMOUTH RR.—Owns Portsmouth, N. H., to Manchester, N. H., 40 1/2 m. Leased to Concord RR. in 1862 for 99 years; rental, \$25,000; 7% on stock and org. exp. Operated by Boston & Maine.

CONNECTICUT & PASSUMPSIC RIVERS RR.—White River Jct., Vt., to Canada Line, 110 m.; leases 99 years Massawippi Valley, 37 m.

LEASE.—From Jan. 1 1887, leased to the Boston & Lowell for 99 years on a basis to pay C. & P. stock 5% till Jan. 1897 and 6% thereafter.

SECURITIES.—Massawippi stock receives same dividends as stock of lessee and \$400,000 of it (not included in the amount outstanding) is pledged as part security for 4s of 1893. Of the \$2,500,000 pref., \$500,000, as also \$50,000 Massawippi Valley Ry. stock, are represented by Connecticut Trust & Safe Deposit Co. of Hartford 5% trust certificates, under which the Vermont Valley has the right, for 45 years from Aug. 1 1885, to purchase the trust stock at par and interest and in the meantime receives all dividends above 5% per annum on the stock deposited in trust.—(V. 57, p. 104.)

CONNECTICUT RIVER RR.—Owns from Springfield, Mass., to Keene, N. H., 74 m.; Bellows Falls to Brattleboro, Vt., 24 m.; branches, 6 m.; total, 104 m., of which 50 double-tracked. Controls Sullivan Co. RR., Bellows Falls to Windsor, Vt., 26 m. V. 80, p. 1478. The stockholders voted Sept. 20 1905 to issue \$1,000,000 additional stock in exchange for Vermont Valley stock and on Sept. 19 1906 to issue \$100,000 for improvements. V. 81, p. 899, 1723; V. 83, p. 625.

LEASE.—Leased for 99 years from Jan. 1 1893 to the Boston & Maine, annual rental (as amended Oct. 10 1895) being 10% per annum on capital stock, payable directly to stockholders; also interest on bonds and serp and

\$2,000 for organization expenses. Lessee pays all taxes, operating expenses, &c., but lessor to issue its stock or bonds for permanent improvements.—(V. 81, p. 899, 974, 1723; V. 83, p. 625.)

CONNECTING RY. (PHILADELPHIA).—Owns from a Girard Ave. to Frankfort Jct., Pa., 7 m.; Germantown Jct. to Chestnut Hill, 7 m.; b anches &c., 23 m.; total, 37 m. V. 73, p. 390. Stock authorized, \$5,800,000; outstanding, \$3,613,650; all owned by Penn. RR. Divs. in 1902 to 1905, inclusive, 4% yearly (J & D).—(V. 75, p. 1354.)

COOPERSTOWN & CHARLOTTE VALLEY RR.—(See Map Del. & Hud.)—Owns Charlotte Crossing to Davenport Centre, 4.51 m.; leases for 99 years from Jan. 1 1889, Cooperstown & Susque, Valley RR., Cooperstown to Charlotte Crossing, with branch to Cooperstown Jct., 19.48 m., guaranteeing interest on latter's \$200,000 5% bonds. Stock, \$45,000, acquired July 1903 by Del. & Hud.—(V. 77, p. 88.)

COOS BAY ROSEBURG & EASTERN RR.—V. 83, p. 94, 435.

COPPER RANGE RR.—Calumet, Mich., to Mass City, with branches, total, 82 m.; slide tracks, 33 m. Stock, \$4,003,700, of which \$1,398,600 owned by Copper Range Consolidated (Mining) Co. Bonds limited to \$20,000 per mile of main line and branches and \$15,000 per mile of sidings. Of the \$2,025,000 bonds outstanding, \$615,000 were in July 1906 held in the treasury of the Copper Range Consolidated Co. V. 78, p. 228.

EARNINGS.—1 month, } 1906 ----- Gross, \$68,495; net, \$31,765  
July 1 to July 31, } 1905 ----- Gross, 61,173; net, 30,981  
Surplus over interest charges, \$23,328 in 1905-06, against \$22,544.  
Year ending June 30 1906, gross, \$679,286; net, \$259,167; interest \$101,250; bal., sur., \$157,917. Pres., William A. Palne; Sec. and Treas. Frederik Stanwood, Boston.—(V. 78, p. 228.)

CORNWALL RR.—V. 74, p. 1139.

CORNWALL & LEBANON RR.—Owns Lebanon, Pa., to Conewago, 21.66 m.; branches, 4.78 m. In June 1901 the Pennsylvania Steel Co. acquired \$540,000 stock, nearly all the remainder being owned by the Lackawanna Steel Co. V. 72, p. 1241, 1288.

DIVS.—} To 1893, '94, '95, '96, '97, '98, '99, '00, '01, '02 to '05, '06.  
Per cent } 4 to 4 1/2 y'ly 2 4 4 3 4 4 1/2 5 5 1/2 6 y'ly 6  
BONDS were called for payment on Oct. 1 1906 and interest reduced from 5 to 4%. V. 82, p. 1322.

EARNINGS—12 mos., } 1906 ----- Gross, \$441,709; net, \$238,347  
July 1 to June 30, } 1905 ----- Gross, 293,665; net, 131,830  
Surplus over charges, 12 mos., \$9,043 in 1905-06, against \$8,964.  
1905-06, gross, \$442,062; net, \$238,398; other income, \$405; charges, \$50,279; div. (6%), \$48,000; bal., sur., \$140,524.—(V. 82, p. 1322.)

CORVALLIS & EASTERN RR.—Owns Yaquina to Idanah, Ore., 142 miles. I and grant was 850,000 acres. Successor in 1897 of Ore. Central & Eastern, and so of Oregon Pacific, foreclosed Dec. 1894. Stock, \$11,250,000; outstanding, \$1,410,000. Mortgage provides for extension.

EARNINGS.—In year ending June 30 1905, gross, \$150,446; net, \$41,191; total deductions \$68,145.—(V. 68, p. 474; V. 77, p. 2159.)

COTTON BELT.—See St. Louis Southwestern Ry.

CRIPPLE CREEK CENTRAL RY.—Divide, Col., to Cripple Creek and Florence, &c., 76 m.; Victor to Vista Grand, 6 m.; branches and spurs to mines, &c., 46 m.; total, 128 m., of which 57 m. standard gauge. Controls Midland Terminal Ry., Florence & Cripple Creek RR., Golden Circle RR., Canon City & Cripple Creek RR., Colorado Trading & Transfer Co., See V. 69, p. 851, 1011, 1103; V. 72, p. 984; V. 74, p. 880; V. 77, p. 1542. Reorganization per plan in V. 78, p. 2018; V. 77, p. 1542, of the Denver & Southwestern, foreclosed Oct. 4 1904. V. 79, p. 1461.

STOCKS AND BONDS.—Common stock, \$2,500,000; 4% non-cum. preferred stock, \$3,000,000; par of shares, \$100. In May 1906 a syndicate represented by Kessler & Co. acquired a majority of the stock and offered to take an option at \$70 per share, expiring Sept. 30, on stock deposited up to May 25. V. 82, p. 1156.

DIVIDENDS.—On pref. 3% paid July 20 1905; Oct. 25 1905 1% (quar.) in 1906 to Oct., 3% (1% Q-J). On common, Oct. 25 1905, 3% from earnings of year ending Sept. 30 1905; in 1906, Jan., 2 1/2%, including 1 1/2% extra; Apr., 2%, including 1/2% extra; July, 1 1/2%; Oct., 1 1/2%.

REPORT.—Report for 9 months ending June 30 1905, in V. 81, p. 1488. Year 1905-06, gross earnings of railroads controlled, \$901,984; net income of railroads over charges, \$350,922; total net income above general expenses, \$336,758; div. on pref. (4%), \$120,000; balance for common stock, \$216,758. Pres., Henry M. Blackmer; Vice-Pres., R. E. F. Fllnsch; Sec. and Treas., John Gorlow. Directors, V. 79, p. 1461; V. 82, p. 1156.—(V. 83, p. 751.)

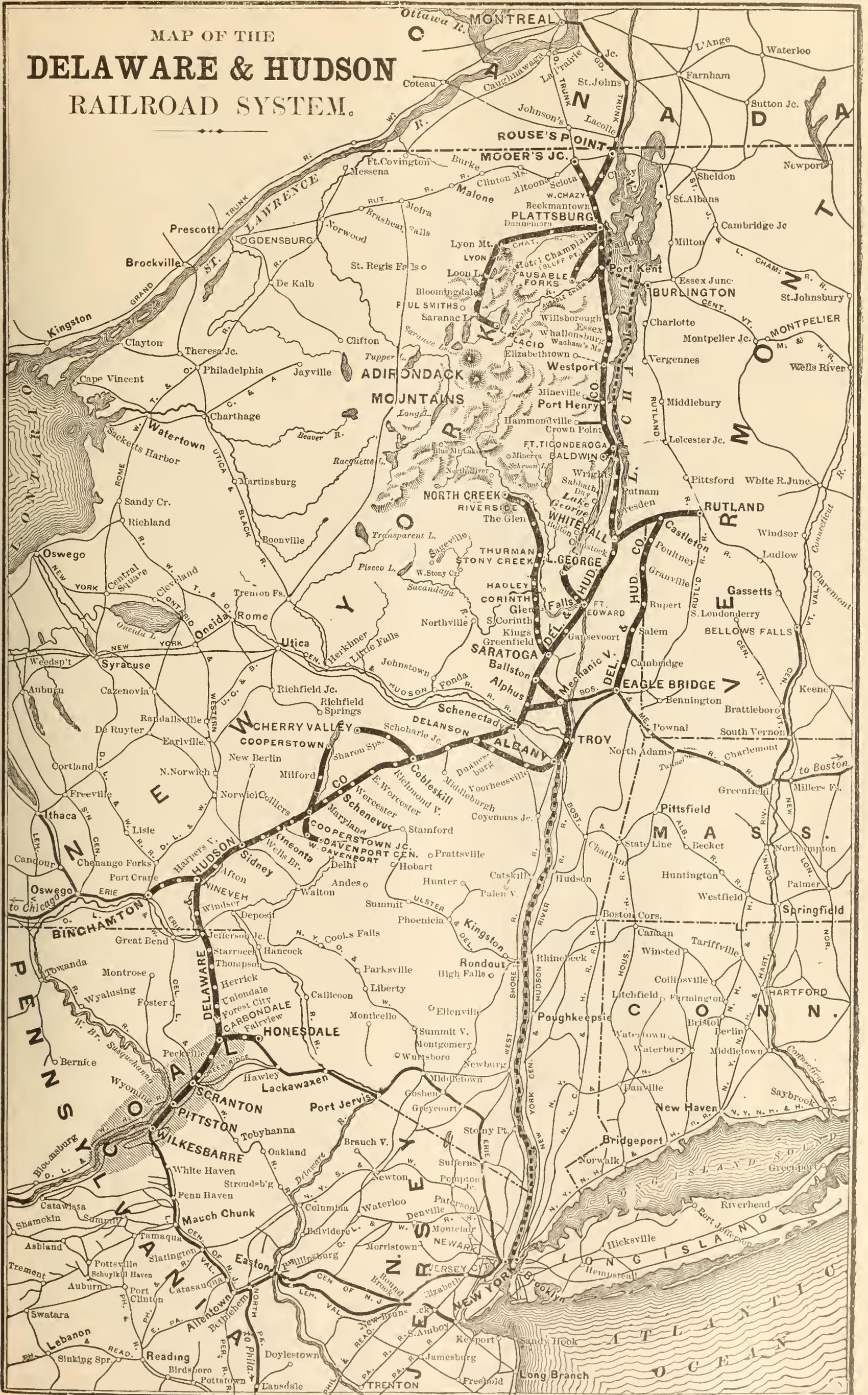
CUBA EASTERN RR.—Owns from Granadillo Bay, on south coast of Cuba, northwest via Guantanamo to forest lands owned by the Cuba Hardwood Co., 43 miles; leases for 99 years Northeastern Cuba RR. under construction from San Pre to San Luis, 47 miles, with 6 miles of branches, partly operated Jan. 1906; to be extended eventually to Nipe Bay, on the north shore of Cuba; also branch to be built from Nipe branch to Baracoa. Has five-year contract with Cuba Hardwood Co. V. 76, p. 1355. Stock, \$2,000,000, all outstanding. Bonds (see above); Northeastern Cuba guaranteed bonds, V. 82, p. 162. Pres. H. W. Bennett. Office, 20 Broad St., N. Y.—(V. 76, p. 1355; V. 82, p. 160.)

CUBA RR.—Owns from Santa Clara, Cuba, to Santiago de Cuba, 356 miles; branches, Zaza Jct. to Sancti Spiritus, 9 miles; Alto Cedro to the Bay of Nipe, 31 m.; Ponupo branch, 12 m., and leases Jucaro to San Fernando, 42 m.; total, 408 miles. See V. 75, p. 1157, 1347. Extension is to be built from Santa Clara to Havana, 170 miles. V. 82, p. 1322. Road opened Dec. 8 1902. Govt. loan, \$798,450, of which the remaining one-third to be paid Dec. 1906; any balance not repaid by Govt. transportation service to be paid Dec. 15 1906 without interest. V. 81, p. 264, 1375.

Stock authorized, \$19,000,000 each of common and 6% non-cum. pref.; outstanding, com., \$6,126,000; pref., \$10,000,000; par of shares, \$100. Bonds, see table above. Pres., Sir William C. Van Horne; Vice-Pres., Franklin B. Lord; Sec., Chas. J. Fay; Treas., James I. Burke. Office, 83 Montgomery St., Jersey City, N. J.; 80 Broadway, N. Y.—(V. 82, p. 1322.)

CUMBERLAND CORPORATION.—ORGANIZATION.—A holding company owning the stock (\$2,300,000) of the Clinchfield Corporation (V. 80

# MAP OF THE DELAWARE & HUDSON RAILROAD SYSTEM.



RAILROADS. For explanation of column headings, &c., see notes on first page of tables.	Miles of Road.	Date of Bonds.	Size, or Par Value.	Amount Outstanding	INTEREST OR DIVIDENDS.			Bonds—Principal, When Due. Stocks—Last Dividend.
					Rate %	When Payable.	Where Payable, and by Whom	
Cumberland Corporation—Notes	N	1906		\$15,000,000	6	J & D		June 1 1912
Cumberland & Pennsylvania—1st M gold guar	G	1891	\$1,000	1,000,000	5 g	M & N	Guaranty Trust Co, N Y	May 1 1921
Cumberland Valley—Common stock			50	1,292,950	8	Q—J	Phlla & Chambersburg	Oct 1 1906 2 %
Preferred stock (\$243,000 2d pref) (Bonds see text)			50	484,900	8	Q—J	do do	Oct 1 1906 2 %
Debentures \$500,000 redeem beginning April 1908		1905		492,000	4	A & O	do do	April 1 1925
Dayton & Michigan—Com stock (3 1/2 % guar C H & D)			50	2,401,900	3 1/2	A & O	Cincinnati	Oct 1 1906 1 1/2 %
Preferred (8 % guaranteed C H & D) endorsed		1871	50	1,211,250	8	Q—J	do	Oct 4 1906 2 %
First mortgage guar p & l endorsed by C H & D	c	1881	1,000	2,728,000	5	J & J	J P Morgan & Co, N Y	Jan 1 1911
Dayton & Union RR—First M sink fund (not drawn)	c	1879	1,000	225,000	7	J & D	Amer Exch Nat Bk, N Y	Dec 1 1909
Dayton Union Ry—First M sinking fund call at par	F	1899	1,000	473,000	4 g	J & J	Farmers L & Tr Co, N Y	July 1 1949
Delaware—Stock			25	2,987,225	6	J & J	Checks mailed.	July 2 1906 8 %
General mortgage gold	FP.c	1892	1,000	500,000	4 1/2 g	J & J	Broad St Station, Phlla	July 1 1932
Delaware & Chesapeake 1st M assumed currency	c	1882	1,000	400,000	4	F & A	do do	Feb 1 1912
Delaware & Bound Brook—Stock 8 % guar Phll & Read			100	1,800,000	8	Q—F	240 South Thrd St, Phlla	Aug 20 1906 2 %
First mortgage \$1,800,000	PeP	1905	1,000	1,800,000	3 1/2 g	F & A	do do	Aug 1 1955
Delaware & Eastern—1st mtge \$1,000,000 gold		1906		1,000,000	5 g	J & J		Jan 1 1956
Delaware & Hudson—Stock \$55,711,500 (text)			100	40,954,500	7	Q—Mar	Office, 32 Nassau St, N Y	Sept 15 1906 1 1/2 %
First M on Pennsylvania Div (\$10,000,000) Un.c&r		1877	1,000 & c	5,000,000	7	M & S	do do	Sept 1 1917
Schenectady & Duaneburg first mortgage		1874	100 & c	500,000	6	M & S	do do	Sept 1 1924
Adirondack 1st M gold guar p & l end	Us.c	1892	1,000	1,000,000	4 1/2 g	M & S	do do	Mar 1 1942
Debentures \$14,000,000 gold convert (see text) c & r		1906	1,000	14,000,000	4 g	J 15 & D	do do	June 15 1918
Car trusts \$150,000 payable May yearly	Usm	1890	1,000	450,000	3 1/2 g	M 15 & N	do do	1907 to 1909
Equipment deb \$2,500,000, \$200,000 annually Jan 1		1900	10 000	1,500,000	4 g	J & J	do do	1907 to 1914
Guaranteed Securities—								
Hudson Coal Co deb guar p & l end part due yearly		'01-'02	1,000	2,385,000	4	M & N	do do	May 1 1907-18
Bluff Point Land Improvement Co 1st M gold guar c & r		1890	1,000	300,000	4 g	J & J	do do	Jan 1 1940
Chat Ore & I refunding mortgage call 105 Co. c & r		1902	1,000	1,300,000	4 g	J & J	do do	Jan 1 1942
Albany & Susquehanna RR, N Y & Canada RR, Ch	ateau gay & Lake Pla			26,200,000	See text.	Q—J	RR, Coop & Charl Valley	—See these cos
Delaware Lackawanna & Western—Stock			50	3,067,000	7	M & S	26 Exchange Place, N Y	Oct 20 '06 2 1/2 %
Cons M (now 1st) on road & equip (\$10,000,000) F.c		1877	1,000	185,000	3	J & J	do do	Sept 1 1907
Delaware Md & Va—Junction & B—first mortgage		1860	All.	200,000	3	J & J	Broad St Station, Phlla	Jan 1 1932
Break & Frank 1st M to State red after Jan 1895		1874	All.	650,000	4	J & J	do do	Jan 1 1932
Other mortgages				(?)	5 g	J & J	do do	Overdue.
Delaware & Northampton—1st M \$2,500,000 g s f	K	1903		1,300,000	4 g	F & A	Knlekerbocker Tr Co, NY	Mar 1 1953
Del River RR & Bridge—1st M gold guar p & l GP.c		1896	1,000	1,120,000	5 g	M & N	Philadelphia, Pa.	Aug 1 1938
Denn En & Gulf—1st M \$2,600,000 gold red 103 MStc		1903	1,000	See text.	4 g	M & S	N Y or StL, Miss Vy Tr Co	May 1 1958
Denver Northw & Pac—1st M \$22,500,000 gold Me c		1902	1,000				New York or Denver	Sept 1 1952

p. 2346, 2222, 224), which owns 300,000 acres of coal lands in Virginia and West Virginia, the stock of the South & Western Ry. and a block of the Seaboard Co. stock (see the two companies last named in this Section.) Stock, common, \$25,000,000; 6% pref., \$15,000,000, all paid in. In July 1906 sold \$15,000,000 notes (see above) to complete the South & Western to a connection with the Seaboard Air Line Ry. at Rutherfordton, N. C., a distance of 107 miles, giving via the Seaboard a new outlet for the Clinchfield coal. V. 83, p. 155.

**CUMBERLAND & PENNSYLVANIA RR**—Owns from Cumberland, Md., to Piedmont, W. Va., and several branches, 57 miles. Owned and operated by Consolidation Coal Co., which guarantees by endorsement the first mortgage. V. 52, p. 390. Stock, \$1,500,000; par, \$100. For year ending June 30 1906, gross, \$1,018,310; net, \$564,075; charges, &c., \$518,343; balance, surplus, \$45,232.

**CUMBERLAND RIVER & NASHVILLE RR**—V. 81, p. 1610.

**CUMBERLAND VALLEY RR**—Owns from Harrisburg, Pa., to Potomac River, Md., 82 miles (and with leased lines operates to Winchester, a total distance of 116 miles); Mont Alto Jet. to Waynesboro, 18 m.; total owned, 110 m. It leases Cumberland Valley & Martinsburg RR., 34 miles; Southwestern Pennsylvania RR., 21 miles; total oper., 163 miles. V. 61, p. 152; V. 83, p. 818.

**STOCK, &c.**—Pennsylvania RR. owns \$975,850 com. and \$237,200 pref. There are \$94,000 8% bonds maturing April 1 1908.

**DIVIDENDS.**—In 1880 to 1884 10% yearly; from 1885 to Oct. 1906, both inclusive at rate of 8% yearly.

**REPORT.**—Earnings entire line as follows:  
Year. Gross. Net. Int. & c Dtes. (8%). Bal. sur  
1905 \$2,472,221 \$965,022 \$86,320 \$142,228 \$736,474  
1904 2,165,558 661,132 50,609 142,228 468,295  
From surplus in 1905 \$709,031 was appropriated for extraordinary expenditures.—(V. 72, p. 391, 532; V. 77, p. 1873; V. 83, p. 818.)

**DALLAS CLEBURNE & SOUTHWESTERN RY.**—Owns Egan, on Mo. Kan. & Texas RR., to Cleburne, 10 miles. Operated from Dec. 1 1902. Extension proposed from Egan to Dallas, 27 miles, and from Cleburne to Glenrose, 50 miles. Leased to Mo. Kan. & Texas Ry. V. 76, p. 48. Bonds authorized, \$150,000 1st mort. 30-year gold 5s, due Jan. 1 1933. In Aug. 1906 it was reported the Texas RR. Commission authorized \$145,000 bonds. V. 83, p. 213. Pres., B. P. McDonald, Cleburne, Tex.—(V. 77, p. 88; V. 83, p. 213.)

**DAYTON & MICHIGAN RR.**—Owns Dayton, O., to Toledo Jct., O. 141 miles; trackage into Toledo, 1 1/2 miles.

Leased May 1 1863 in perpetuity to Cln. Ham. & Dayton. Rental is interest and sinking fund and 8% on pref. stock and 3 1/2% on com. Guaranty on pref. is secured by mort. of 1871, but the pref. carries no voting power. V. 56, p. 813. Mort. of 1856 is held alive under mort. of 1881, which is therefore a first lien.

**DAYTON & UNION RR.**—Owns from Dodson, O., to Union City, Ind., 32 miles; leases Dayton to Dodson, 15 miles; total operated, 47 miles. Operated by Clev. Cln. Chic. & St. L., which, jointly with the Cln. Ham. & Dayton, owns the \$86,300 stock. All surplus earnings over interest goes to a sinking fund for redemption of bonds at not above 100. Year ending June 30 1906, gross, \$135,099; net, \$24,277; other income, \$10,284; charges, \$35,980; deficit, \$1,419.

**DAYTON UNION RY.**—Union depot at Dayton, O. Used by Pltts. Cln. Chic. & St. L., Clev. Cln. Chic. & St. L., Cln. Ham. & Dayton, Dayton & Union RR. and Erie RR. under lease which provides that interest on bonds and other expenses be divided between them on train basis. Stock, \$21,000, all common. Pres., M. E. Ingalls; Sec., W. F. Stark; Treas., J. B. Howard. Office, Cincinnati, O.—(V. 73, p. 1312.)

**DEEPWATER RY.**—To extend from Deepwater, W. Va., to Bluestone River, 85 miles, with branch from Bluestone River, 29 miles, to the Virginia State line at a connection with the proposed Tidewater Ry. to be built by the same interests, which see. Of this, 66 miles (with 2 miles of sidings) were completed to June 30 1906; balance to be by Jan. 1 1908. Stock authorized, \$75,000. No bonds have been issued. See V. 78, p. 1962; V. 81, p. 1551; V. 83, p. 435. Henry H. Rogers, of the Standard Oil Co., and associates are understood to be financing the enterprise. President, J. O. Green, New York; Sec., R. C. Taylor, Ansted, W. Va.; Treas., Geo. H. Church, New York.—(V. 81, p. 1550; V. 83, p. 435.)

**DELAWARE RR.**—(See Map Pennsylvania RR.)—Shellpot Crossing, Del., to Delmar, Md., 95.22 miles; branches, Centreville, Md., to Townsend, Del., 35.11 miles; Clayton, Del., to Oxford, Md., 54.23 miles; Seaford, Del., to Cambridge, Md., 32.92 m.; Masseys, Del., to Chestertown, Md., 20.38 m.; other branches, 10.38 m.; total, 248.24 miles. V. 67, p. 1356. Leased till May 1 1927 to the Philadelphia Baltimore & Washington, which owns \$1,664,475 of the stock; rental net earnings—see V. 64, p. 1000. Dividends 1898 to July 1906, 6% yearly. In year ending Dec. 31 1905, gross, \$2,207,875; net, \$501,843; other income, \$30,425; interest, taxes, &c., \$140,063; dividends (6%), \$179,233; bal., sur., \$212,972.—(V. 68, p. 129.)

**DELAWARE & BOUND BROOK RR.**—Owns from Bound Brook (Central of N. J.) to Delaware River, 27 miles; branches to Trenton, 7 m.; second track, 27 m.; all track, 84 miles. In May 1879 leased for 990 years to Phlla. & Reading RR. for \$267,000, paying interest and 8% on stock; lease assumed by Phlla. & Reading Railway.—(V. 81, p. 210.)

**DELAWARE & EASTERN RR.**—Owns East Branch, New York, on the N. Y. Ont. & West., about 40 m. to Arkville, on the Ulster & Del., with branch to Andes, about 9 m.; total, 49 m., of which 40 m. completed Oct. 15 1906. Stock authorized, \$500,000. Bonds (Empire Trust Co., N. Y., Trustee). Pres. F. F. Searing; Sec. and Treas., H. M. George. Office, 7 Wall St. New York.—V. 82, p. 804.

**DELAWARE & HUDSON CO.**—(See Map.)—Operates railroad lines from Wilkesbarre, Pa., via Albany, N. Y., to Rouse's Point, on Canada line, with branches, 821 miles in all. V. 68, p. 871.

Lines owned—	Miles.	Lines leased—* See these cos.	Miles.
Lackawanna & Susquehanna	22	* Albany & Susquehanna	142
Valley RR. of Pa.	17	* New York & Canada	150
Honnsdale Branch	28	* Rensselaer & Saratoga	192
Schenectady & Mechanicville	10	* Chateaugay & Lake Placid RR.	80
Cherry Val. Sharon & Albany	21	* Union RR.	21
* Schenectady & Duaneburg	14	* Jefferson RR. (trackage)	35
* Adirondack Ry.	57	Other lines	28
* Cooperst'n & Charlotte Valley	24		
Branches and spurs	2	Total operated Jan. 1 1906	843

Also leases Utica Clinton & Binghamton and Rome & Clinton RR., 44 m., sub-let to N. Y. Ont. & West. In Nov. 1905 the Quebec Southern, extending from Sorel, Quebec, to Noyan, 89 miles, also from St. Lambert to St. Francis, with branch, a total of 144 miles, was acquired; an extension will be built from St. Francis to Point Lewis, opposite Quebec. V. 81, p. 1610; V. 83, p. 379.

**HISTORY, &c.**—This company was chartered April 23 1823. It is one of the largest miners of anthracite coal. Coal owned, V. 82, p. 686.

**DIVIDENDS.** '84 '85 '86 '87 '88 '89 to '96 '97 to '00 '01 to '06 Since '83 (%) 7 6 5 5 6 7 yearly 5 yearly 7 yearly

Dividends for 1906 fixed at 7%, payable quarterly. V. 82, p. 48

**GENERAL FINANCES.**—On May 9 1899 the stockholders voted to set aside every year, as a sinking fund to retire stock and bonds and guaranteed securities, an amount equal to at least 5c. per ton of coal sold, or \$175,000 to \$200,000 per annum, to be charged against income account each year. (V. 68, p. 926.) See Ordinance in full, V. 68, p. 1180. Coal owned and controlled Jan. 1 1906 213,168,843 tons. In 1900 \$200,000 stock was retired from proceeds of sinking fund, \$141,800 in 1901, \$151,100 in 1902, \$100,000 in 1903, \$417,100 in 1904 and \$50,000 in 1905.

Stockholders in 1904 subscribed to \$7,000,000 new stock at \$135 per share to retire the \$5,000,000 N. Y. & Canada RR. bonds (for improvements, &c.) The remaining \$3,000,000 authorized will be held for similar purposes in the future. See V. 78, p. 583, 985, 1108, 1781; V. 79, p. 2696; V. 80, p. 1170.

Stockholders May 9 1905 authorized increase of \$5,000,000 stock for conversion, at option of holders to April 1 1916, of \$10,000,000 Albany & Susq. 3 1/2% bonds, dated April 1 1906, on the basis of \$500 stock for \$1,000 of bonds. This refunding of the Al. & Sus. 6s and 7s effects a material saving of interest. V. 80, p. 1174, 1362, 2343; V. 81, p. 1848; V. 82, p. 687.

Stockholders Feb. 19 1906 authorized increase of the stock by \$7,000,000 to provide for exchange of an issue of \$14,000,000 of 4% 10-year debentures dated June 15 1906, which was subscribed by stockholders at par. The debentures are exchangeable for stock at the rate of \$500 stock per \$1,000 debentures between June 15 1907 and 1912 inclusive, the proceeds to be used as follows: Cost of electric railway acquisitions (see below), \$9,600,000; new equipment, \$2,400,000; cut-off around Wilkes-Barre, Pa., \$2,000,000. V. 82, p. 217, 452, 1379

In Feb. 1905 a half interest in the stock of the Schenectady Ry., 116 miles, was purchased. V. 82, p. 687. In Nov. 1905 over 99% of the \$5,000,000 stock of the United Trac. Co. of Albany was acquired. V. 81, p. 1550, 1610.

**EARNINGS.**—Earnings of leased lines in N. Y. State for 6 months:  
6 Mos. End. June 30. Gross. Net. Int. taxes, &c. Bal. sur.  
1906 \$5,901,489 \$1,948,823 \$1,523,746 \$425,077  
1905 5,658,961 2,050,023 1,455,399 394,624

**REPORT.**—For 1905 in V. 82 p. 686, coal (anthracite) carried in 1905, 9,354,266 tons; in 1904, 8,255,541 tons; in 1903, 8,657,966 tons.

Year ending Dec. 31—1905. 1904. 1906.  
Earnings of railroads \$16,382,074 \$15,071,124 \$13,642,954  
Net (railroads) 6,198,114 5,875,843 5,473,758  
Interest, taxes and rentals 3,016,328 2,999,957 2,994,860

Profit from railroads \$3,181,786 \$2,875,886 \$2,478,398  
Net coal department 2,525,957 2,380,561 3,726,250

Total profits \$5,707,743 \$5,256,447 \$6,205,157  
Depreciation of plant \$1,028,149 \$803,924 \$2,290,363  
Dividends (7) 2,869,300 (7) 2,756,162 (7) 2,450,000

Balance, surplus \$1,810,294 \$1,696,361 \$1,464,794  
The earnings of the coal department in 1905 were \$20,949,555; expenses, \$18,423,598; net, \$2,525,957. In 1904, \$19,583,989; net, \$2,380,561.

**OFFICERS.**—Pres., David Willcox; Treas., C. A. Walker; Sec., F. M. Olyphant, 32 Nassau St., New York.  
**Managers.**—Robert M. Olyphant, Alexander E. Orr, Chauncey M. Depew, John Jacob Astor, William S. Opdyke, Frederic Cromwell, David Willcox, R. Suydam Grant, George I. Wilber, C. A. Peabody, E. H. Harriman, Dumont Clarke and James A. Linnen.—(V. 83, p. 155, 379.)

**DELAWARE LACKAWANNA & WESTERN RR.**—(See Map.)—Operates main line from Hoboken, N. J., opposite N. Y. City, to Buffalo, N. Y., 410 miles, with branches to anthracite region, &c., 547 miles, viz.:

Lines owned—	Miles.	Lines leased.	Miles.
N. J. State line to N. Y. line	114	* Utica Chenango & Susquehanna	97
Branches to Northumberland & c.	80	* Valley RR. of N. Y.	11
Lines leased—(*Sec each Co)		* Warren	19
* Morris & Essex Branches	157	* Sussex, &c.	40
* N. Y. Lackawanna & Western	214	Bangor & Portland Ry., &c.	
* Cayuga & Susquehanna	34	(V. 72, p. 435)	75
* Oswego & Syracuse	35		
* Syracuse Bing. & N. Y.	81	Total operated Jan. 1906	957

**HISTORY, &c.**—Original company chartered in 1832; present title assumed in 1853. No sub-companies (coal and mining) are controlled, the railroad owning its anthracite mines. In April 1903 the entire stock of the N. Y. & Hoboken Ferry Co. was purchased. V. 78, p. 815. In Oct. 1904 incorporated Lackawanna Tunnel RR. V. 79, p. 2085. New Hoboken terminal is to be completed in 1906. V. 81, p. 668, 777; V. 82, p. 1098.

**DIVIDENDS.** '81, '82 to '84. '85. '86 to '03. '04. '05. '06. Since 1880, % 6 1/4 8 yearly. 7 1/2 7 yearly. \* 10 1/4 text.

\*The quarterly dividend was increased from 1 1/4 to 2 1/4% in April 1906; an extra 10% was paid both in Dec. 1904 and 1905.

# DELAWARE, LACKAWANNA and WESTERN RAILROAD AND THROUGH CONNECTIONS.



Table with columns: RAILROADS, Miles of Road, Date of Bonds, Size or Par Value, Amount Outstanding, INTEREST OR DIVIDENDS (Rate %, When Payable, Where Payable, and by Whom), Bonds—Principal, When Due, Stocks—Last Dividend.

EARNINGS.—Earnings of leased lines in New York only: 6 Mos. End. June 30. Gross, Net, Int. taxes, &c. Bal., sur. 1906, 1905. ANNUAL REPORT.—Annual meeting is held on Tuesday preceding last Friday in February.

Balance after dividends... sur. \$2,698,429 sur. \$2,319,871 sur. \$4,251,238

\*Earnings of the coal department in 1905, \$41,226,647; expenses, \$37,931,222; net, \$3,295,425; 1904, earnings, \$38,593,998; expenses, \$35,148,521; net, \$3,445,477; in 1903, gross, \$36,736,325; net, \$3,036,194.

OFFICERS.—Pres., W. H. Truesdale; Chairman of Board, Samuel Sloan; Sec. and Treas., Fred F. Chambers, 26 Exchange Place, N. Y. BOARD.—Samuel Sloan (Chairman), Fredk. W. Vanderbilt, Henry Graves, Eugene Higgins, Henry A. C. Taylor, J. Rogers Maxwell, Geo. F. Baker, Wm. Rockefeller Hamilton McK Twombly, James Stillman, M. Taylor Pyne, Harris C. Fahnestock, Frank Work, John D. Rockefeller Jr.

DELAWARE MARYLAND & VIRGINIA RR.—Owns from Harrington to Rehoboth, Del., 44 miles; Georgetown to Franklin City, Va., 54 miles; total, 98 miles. Controlled by Phila. & Wash., which owns \$326,200 of the \$526,758 stock (par \$25), and so hv Penn. RR. See V 50, p. 498. Loans and bills payable, Dec. 31 1904, \$184,800; other floating debt, \$524,661. In year ending Dec. 31 1905, gross, \$291,549; net, \$37,447; interest, taxes, &c. \$49,756; balance, deficit for year, \$12,309—but this does not include interest on the floating debt.

DELAWARE RIVER RR. & BRIDGE CO.—Owns a bridge over the Delaware River near Philadelphia and about 10 miles of connecting railroad. Capital stock (\$1,300,000) is all owned by the Pennsylvania RR., which guarantees bonds, principal and interest, by endorsement. Dividends: Dec. 1900 to June 1906, incl., 4% yearly (2 J. & D.). Sinking fund is 1% but bonds cannot be called. Guaranty V. 63, p. 1062, 1159.

DENISON BONHAM & NEW ORLEANS RY.—Bonham Jct. to Bonham, Tex., 24 miles. Operated since completion Dec. 1 1901 by the Mo. Kansas & Texas under a 10-year contract. Stock, \$50,000. In Nov. 1905 permission was given to register \$325,000 30-year gold bonds; none outstanding Sept. 1906. V. 76, p. 381; V. 81, p. 1610. Pres., Ed. D. Steger; Sec., John W. Russell.—(V. 77, p. 823; V. 81, p. 1610.)

DENVER & INTER-MOUNTAIN RY.—Embraces 27 miles of track, of which 22 steam Denver to Ralston, and 5 trolley, Denver to Barnum. Extensions are proposed. Successor to Denver Lakewood & Golden RR., sold in foreclosure on May 10 1904. V. 78, p. 2334. Stock, \$514,300. The stockholders were on June 4 1906 to authorize a general mortgage and the sale or lease of the road, but action, it was supposed, was postponed. V. 83, p. 36. For 1904-05, gross, \$33,679; net, \$12,447. Pres., Samuel Newhouse; Treas., F. W. Loveland; Sec., William Morrison.—(V. 78, p. 820, 1549, 2334; V. 83, p. 36.)

DENVER ENID & GULF RR.—Guthrie, O. T., northwest to the Kansas State line at Kiowa, Kan., 119 miles. The Atch. Top. & Santa Fe in Jan 1906 acquired the entire stock. V. 82, p. 99. Extension proposed from Guthrie to Oklahoma City, 31 m. In Oct. 1906 an extension was under construction from Kiowa, Kan., via Medicine Lodge to Belvidere, under charter of Denver Kan. & Gulf. Stock authorized, \$15,000,000; outstanding, \$1,120,000; par of shares, \$100. Bonds limited to \$20,000 per mile. V. 77, p. 769; V. 82, p. 99; V. 83, p. 562.

DENVER NORTHWESTERN & PACIFIC RY.—Building from Denver to Salt Lake, about 500 m., along a line about 100 m. south of the Union Pac. and 125 m. north of the Denver & Rio Grande. On Sept. 5 1905, 110 m to Sulphur Springs, Col., were opened. Terminal line from Utah Jct. into Denver, 3 m., was completed late in 1905. Extension from Sulphur Springs to Kremmling, 18 m., was completed June 1906, grading being in progress from Kremmling to Steamboat Springs, 88 miles, the last-named point being 364 miles from Salt Lake. See V. 75, p. 289; V. 78, p. 1108; V. 80, p. 1362. N. W. Terminal RR., proposed. V. 79, p. 1704; V. 81, p. 1315; V. 82, p. 1211. In June 1905 a syndicate headed by Wm. L. Bull of New York agreed to finance the road. V. 81, p. 155; V. 82, p. 627. Incorporated in July 1902 with \$20,000,000 authorized stock, of which \$10,000,000 pref. 5% non-cum., all to be issued for construction, together with \$20,000,000 of the \$22,500,000 4% bonds. V. 75, p. 1147; V. 79, p. 102. Pres., David H. Moffat; Vice-Pres., W. G. Evans; Treas., Thos. Keely; Sec., F. B. Gibson. Directors, Jan. 1906, V. 82, p. 49.—(V. 82, p. 49, 627, 1211.)

DENVER & RIO GRANDE RR.—(See Map.)—ROAD.—The lines of this company, together with those of the Rio Grande Western Ry., whose stock is substantially all owned, are well shown on the adjoining map.

Table with columns: Miles, Of the preceding, Standard gauge, Narrow gauge only. Total June 30 1906... 2 532 2d track and 3d rail... 208

Rio Grande & Southwestern RR., Lumberton Station, Col., 33 m. southeasterly, will be operated on basis of 25% of gross earnings V. 79, p. 907. Branch to Farmington, N. M., 47 m., was completed in Sept. 1905; also two other branches, 20 miles, during 1905-06. V. 83, p. 568.

HISTORY.—Reorganization of a railway company of same name foreclosed July 12 1886. The Rio Grande Junction is leased jointly by this co. and the Colorado Midland and its bonds guaranteed. The Col. Midland is controlled by parties interested severally in the D. & R. G. and Colorado & Southern. V. 70, p. 739. The Rio Grande Southern is controlled.

The Missouri Pacific early in 1901 acquired \$14,800,000 common and \$7,300,000 preferred stock, this together with the Rockefeller interests, it is understood, constituting a considerable majority of the entire stock. V. 72, p. 338, 580, 1238; V. 73, p. 506.

D. & R. G. and Rio Gr. West. own two-thirds of the stock and have given a traffic guaranty to the Western Pacific Ry. (which see), building from Salt Lake City to San Francisco. V. 81, p. 845; V. 83, p. 568.

DIVS. since '91 '92. '93. '94. '95. '96. '97. '98. '99. '00. '01 to July 06 on preferred, % 0 2 0 0 2 2 0 2 2 2 4 4 5 yearly

STOCK.—During 1901-02 pref. stock was increased from \$23,650,000 to \$44,400,000, to acquire the Rio Grande Western stock. V. 72, p. 775. In Dec 1905 \$1,312,700 pref. stock issued to acquire Rio Grande Southern stock, and for improvements, was listed, raising the amount outstanding to \$45,712,700. V. 81, p. 1723.

BONDS.—Consols of 1888 for \$6,900,000 originally reserved for extension to Ogden were available for capital requirements, of which part issued. V. 73, p. 507. See abstract of mortgage in V. 47, p. 228. The improvement mortgage abstract was in "Chronicle," V. 47, p. 229. Abstract of R. G. W. 1st mort. was in V. 49, p. 237, and statement to N. Y. Stock Exchange, V. 50, p. 73; also V. 69, p. 284. Utah Fuel 1st 5s of 1931, see application to list, V. 78, p. 1171, 1178, 1548, 2015.

The Rio G W. first consol. 4s of 1899 are secured by a first mort., either directly or by all their securities, on 219 m. of branch lines, and further by a second lien on 438 m. of main line and other road, and on all new mileage to be constructed and rolling stock purchased, incl. 50 m. of branches to Heber and coal mines built in '99; \$15,200,000 are reserved to retire the 1st 4s, \$4,036,000 were issued at \$20,000 per mile for branch lines, or securities representing the same, \$800,000 to retire 1st mort. bonds and \$8,500,000 for equipment and improvements. They are also secured by a first lien on the entire \$10,000,000 stock of the Utah Fuel Co. Additional consols may also be issued at \$20,000 per m. for future branches and extensions or for underlying liens of acquired roads. See application to list it full, V. 72, p. 537. V. 72, p. 775, 1189. List of collateral June 30 1906, V. 83, p. 570.

LATEST EARNINGS.—From July 1 to Aug. 31, 2 months: 2 Months— Gross, Net, Oth. Inc., Charges, Bal., sur. 1906... \$3,502,311 \$1,342,563 \$49,633 \$692,974 \$699,222 1905... 3,195,688 1,269,212 68,674 681,236 656,650

ANNUAL REPORT.—Full report for 1905-06 in V. 83, p. 560, 568, including the Rio Grande Western. See p. 524.

Table with columns: Year end, June 30— 1906, 1905, 1904, 1903. Average miles operated, Gross earnings, Net earnings, Other income, Total net income, Interest on bonds, Taxes and insurance, Bettermments, &c., Miscellaneous, Div. on pref. stock, 5%

Balance, surplus... \$156,839 \$278,537 \$234,413 \$185,764

OFFICERS.—Chairman of Board, George J. Gould; Pres., E. T. Jeffery; Vice-Presidents, Chas. H. Schlacks and A. C. Bird; Treas., J. W. Gilluly; Sec. and Compt., Stephen Little. Office, 195 Broadway, N. Y. Directors—George J. Gould, Winslow S. Pierce, E. T. Jeffery, Edwin Gould, Howard Gould, A. H. Calef and Arthur Coppel, New York; Charles H. Schlacks and Joel P. Valle, Denver, Col.—(V. 83, p. 560 568.)

DENVER & SOUTHWESTERN RY.—See Cripple Creek Central Ry.

DENVER YELLOWSTONE & PACIFIC RY.—Projected from Denver, Col., northwesterly to Walcott, Wyo., on the Union Pacific, about 250 m., via Fort Collins Encampment and North Park, of which Walcott to Grand Encampment, 48 m., is to be completed about August 1 1906. Projected ultimately to Boise and Dubols, Idaho, tapping the Yellowstone Park. Formerly the Colorado Wyoming & Idaho Ry., but name changed. Stock authorized, \$10,000,000, of which \$3,000,000 is 5% non-cum. pref. Of the bonds, \$1,850,000 are issuable on first 48 miles, balance at \$35,000 per mile. V. 82, p. 280. Pres., E. H. Power; Sec., E. S. Chenowith. Office, 45 Milk St., Boston, Mass.—(V. 82, p. 280.)

DES MOINES & FORT DODGE RR.—(See Map Minneapolis & St. Louis.)—Owns Des Moines to Ft. Dodge, Ia., 88 m., and Tara to Ruthven, 55 m.; trackage, Illinois Central, Tara to Ft. Dodge Jct., 6 m., included above. On March 1 1904 Minneapolis & St. Louis acquired \$2,530,000 of the outstanding \$4,283,100 com. stock, and guarantees the \$3,072,000 first mortgage 4% gold bonds issued to retire all the outstanding bonds maturing Jan. 1 1905; the Minn. & St. Louis leases the road for 30 years from Jan. 1 1905; all income over charges, improvements, &c., to be paid to lessee. V. 79, p. 268, 1701, 2085. Form of guaranty, V. 79, p. 2696. Preferred stock is entitled to 7%, non-cumulative, then common to 7% after which both share equally.

The stockholders June 8 1906 authorized \$1,000,000 second mortgage bonds, of which \$600,000 was used to pay floating debt incurred for improvements, the common stock being raised from \$1,283,100 to \$5,335,600 and the preferred from \$763,500 to \$1,164,400 to make this possible. V. 82, p. 1322.

DIVIDENDS.— '93. '94. '95. '96 to '98. '99 to '03. '04. '05. '06. On preferred... % 2 4 4 6 y'ly. 7 y'ly. 5 5 5

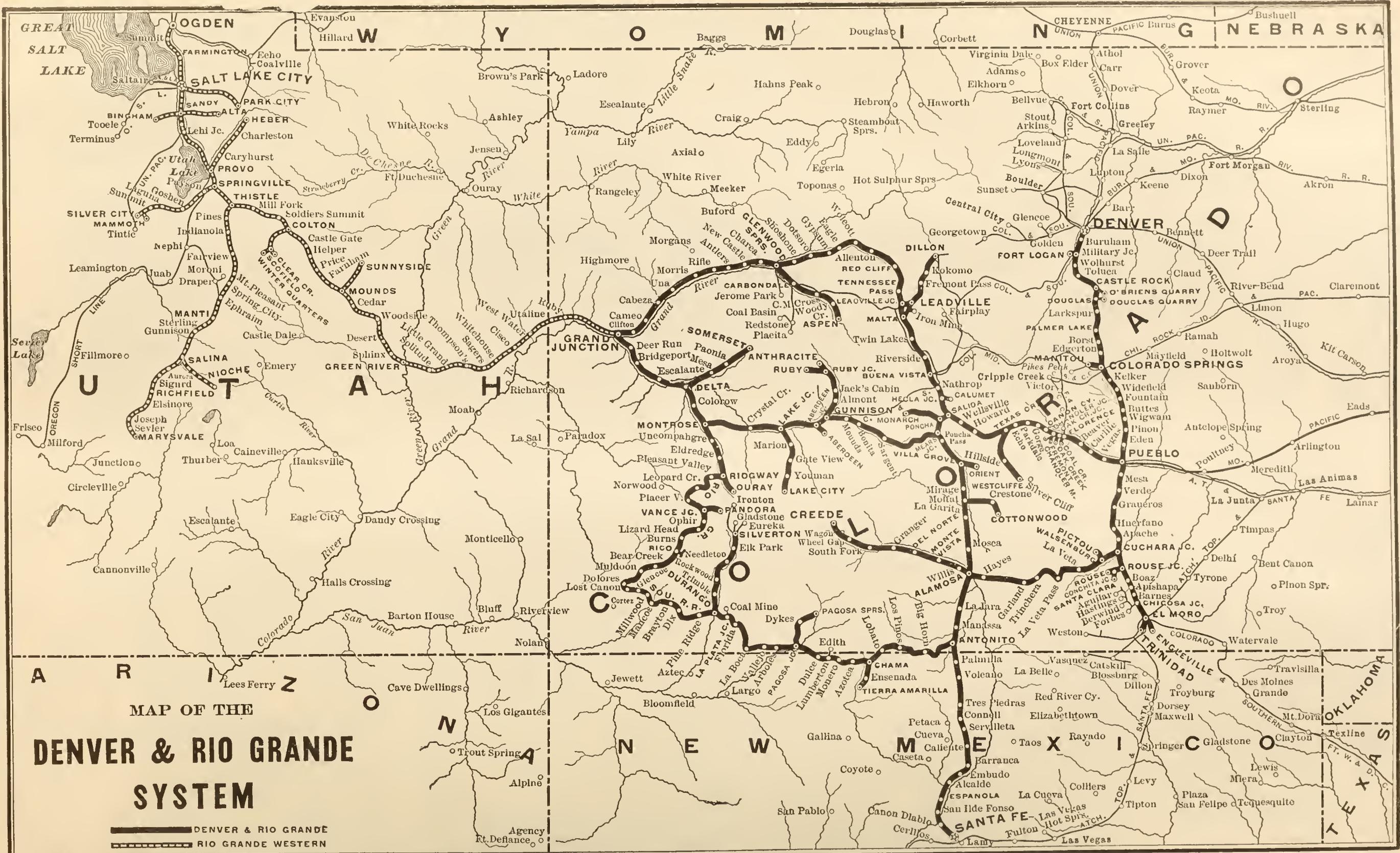


Table with columns: RAILROADS, Miles of Road, Date of Bonds, Size, or Par Value, Amount Outstanding, INTEREST OR DIVIDENDS (Rate %, When Payable, Where Payable, and by Whom), Bonds—Principal, When Due, Stocks—Last Dividend.

Pres., Edwin Hawley; Vice-Pres., L. F. Day; Treas., F. H. Davis; Sec., W. S. Crandell. Rental for year ending Dec. 31 1904, \$149,493; 1901, \$165,773.—(V. 80, p. 1174; V. 82, p. 1211, 1322.)

DES MOINES IOWA FALLS & NORTHERN RY.—Iowa Falls, Ia., to Des Moines, 75 m.; completed Aug. 1903. In Dec. 1905 Wm. A. Bradford Jr. of New York acquired control. Extension north to Mason City, 45 m., is building under charter of St. Paul & Des Moines RR. V. 81, p. 1723. Stock authorized, \$1,200,000; outstanding, about \$900,000 in April 1905; par of shares, \$100 each. Bonds are subject to call at 105 on and after July 1 1906; they are limited to \$14,000 per mile, with \$50,000 additional for Des Moines terminals. For year ending June 30 1905 gross \$153,133; net, \$21,380. Pres., W. A. Bradford Jr.; Sec. and Treas., G. A. W. Dodge.—(V. 81, p. 1723; V. 82, p. 333.)

DES MOINES UNION RY.—Terminal road in Des Moines; owns 4 miles main track and branches, 14 miles 2d and side tracks, bridge across Des Moines River and 25 acres of land in Des Moines. See statement to N. Y. Stock Exchange in V. 65, p. 1173. Leased to Wabash RR., Chicago Great Western, Chic. Milw. & St. P. Ry., Chic. Burl. & Quincy RR., Des Moines Iowa Falls & Nor'n Ry. and Minneapolis & St. Louis RR. V. 75, p. 342. Rental equal to expenses and fixed charges paid monthly by lessees on wheelage basis. Stock authorized, \$2,000,000; outstanding, \$400,000; par, \$100. Year 1905-06, gross, \$256,789; net, \$55,660; charges, \$55,660.—(V. 75, p. 342.)

DETROIT GRAND HAVEN & MILWAUKEE RY.—(See Map Grand Trunk Ry.)—Owns from Detroit to Grand Haven Mich., 189 miles. A reorganization of Sept. 1878. The principal and interest on the bonds are guaranteed by the Grand Trunk of Canada. Stock, \$1,500,000; par, \$50. Real estate bonds or mortgages, \$226,000. On June 30 1905 sundry outstanding accts., \$285,000. Grand Trunk of Canada owns \$1,500,000 stock. Decision holding tax limited to 1% on capital stock. V. 82, p. 986.

EARNINGS—2 mos., } 1906-----Gross, \$362,067; net, \$136,261 July 1 to Aug. 31. } 1905-----Gross, 292,963; net, 102,196 For year ending Dec. 31 1905, gross, \$1,480,903; net, \$395,434; charges, \$361,529; bal., sur., \$33,905. For 1904, gross, \$1,350,151.—(V. 82, p. 986.)

DETROIT GRAND RAPIDS & WESTERN.—See Pere Marquette RR.

DETROIT HILLSDALE & SOUTHWESTERN RR.—Owns Ypsilanti, Mich., to Bankers, Mich., 65 m. Leased in perpetuity July 1 1881 to the Lake Shore & Mich. Southern Ry.; rental, \$54,000 per year—4% on stock.

DETROIT MACKINAC & MARQUETTE RY.—SEE MISC. COS.

DETROIT & MACKINAC RY.—Owns from Bay City, Mich., to Cheboygan, 195 m.; Rose City Branch, 32 m.; Prescott Branch, 12 m.; Lincoln Branch, 14 m.; Au Gres Branch, 8 m.; various logging branches (largely temporary), 69 m.; total, 330 m. Extension north from Tower to Cheboygan, 22 m., was completed in July 1904, and to be continued to Mackinaw, 23 miles further. In 1904-05 carried 506,639 tons, of which forest products furnished 55.62%.

In 1902 Henry K. McHarg and associates acquired control. BONDS.—"Mortgage bonds" for \$500,000 were reserved for betterments &c., at not over \$50,000 per year. V. 74, p. 629. In addition to the amounts shown above as outstanding, \$450,000 "first lien" and \$150,000 "mortgage" bonds were on June 30 1905 held in the treasury. Equipment notes (5s), \$300,000, due \$6,667 monthly to July 1910 inclusive; 1 ans and bills payable June 30 1906, \$210,000.

STOCK.—The capital stock is \$3,000,000, of which \$2,000,000 common and \$1,000,000 5% non-cum. preferred. See V. 74, p. 629. Div. on pref., 2 1/2%, July 1 1903; since to July, 1906, 5% yearly.

LATEST EARNINGS.— } 1906-----Gross, \$211,674; net, \$39,782 2 mos., July 1 to Aug. 31. } 1905-----Gross, 177,608; net, 44,750 EARNINGS.—Report for year ending June 30 1905 was in V. 81, p. 1312. In 1905-06, gross, \$1,154,826; net, \$281,693; int., taxes, &c., \$228,935; pref. div. (5%), \$47,500; bal., sur., \$5,257.—(V. 81, p. 1312; V. 82, p. 986, 1379.)

DETROIT RIVER TUNNEL CO.—See Michigan Central.

DETROIT TOLEDO & IRONTON RY.—(See Map.)—Operates from Detroit, Mich., to Ironton, via Lima, 381 m., including 43 m. of trackage; branches, Kingman to Sedalia, O., 31 m.; Jackson to Cornella, 20 m., and Lisman Jet. to Dean, O., 3 m.; total, 435 m.; coal mine tracks, yard tracks and sidings, 114 m. Outlet for bituminous coal of Southern Ohio. In June 1905 control of the Ann Arbor RR. was acquired (see "Bonds" below.) V. 81, p. 264; V. 82, p. 509.

The same interests will build an independent line from Ashland, Ky., to Pound Gap, 125 m., affording connection with 350,000 acres of coal lands owned, and will use the bridge to be built across the Ohio River between Ironton and Ashland, under the name of the Kentucky & Ohio Bridge Co. V. 81, p. 777, 1492; 1610; V. 82, p. 1379.

ORGANIZATION.—Incorporated May 1905 as successor, per plan V. 80, p. 650, of Detroit Southern RR., foreclosed, subject to Ohio Southern Division mortgage. V. 80, p. 2344, 1856.

STOCK.—Common stock representing control (par \$100)-----\$12,500,000 1st pref. 4% non-cum., with preference also as to assets and control—vertible at option of holders into 2d preferred-----7,500,000 2d preferred 5% non-cumulative (par \$100)-----5,000,000

BONDS.—Gen. lien and divs. 1st 4s are secured by mort. on entire system, including future property, except Toledo terminal.

The consol. 4 1/2s cover the whole system and are also a first lien upon the stock of the Toledo Southern RR. and all additional mileage constructed or acquired by means of bonds other than the \$2,675,000 now to be issued. In March 1906, \$101,400 consol. 4 1/2s were issued in exchange at par for part of Ann Arbor minority stock. V. 82, p. 509.

The \$22,500,000 consols were issuable as follows: Reserved to retire Ohio Southern Division bonds-----\$4,500,000 do do general lien and divisional 1st M. 4s-----4,253,000 do do car trust notes-----320,000 Issued for assessment and to syndicate for cash-----2,675,000 Reserved for corp. purposes at not exceeding \$750,000 yearly-----2,500,000 Reserved especially for extensions, terminals at Toledo or elsewhere, Ohio River bridge or bridges, improvements, &c-----8,252,000 The 5% notes of 1905 (\$5,500,000 present issue) are secured by \$3,001,000

Ann Arbor preferred and \$2,190,000 common stock and \$5,000,000 Det. T. & I. consols. A further \$1,500,000 may be issued to acquire remaining Ann Arbor stock. V. 80, p. 2457, 2620; V. 81, p. 155. Car trust notes additional to those in table above, \$66,112.

EARNINGS.—For 9 months ending March 31, including Ann Arbor: For 9 months, } 1906-----Gross, \$3,158,834; net, \$1,070,819 July 1 to March 31 } 1905-----Gross, 2,628,109; net, 598,400 Surplus over charges, \$216,388 against \$25,851 in 1904-05.

REPORT.—For year ending June 30 1905 in V. 81, p. 1791 (including 10 months' operation by old company), gross, \$1,468,299; net, \$153,695; taxes, about \$66,000. Pres., Eugene Zimmerman; Sec. and Treas., G. Caspar Niles.—(V. 81, p. 1791; V. 82, p. 99, 509, 1379.)

DETROIT & TOLEDO SHORE LINE RR.—Extends from Toledo to (suburbs of) Detroit, 47.6 m.; 2d track, 20 m.; sidings, 3 m.; trackage over Toledo Ry. & Terminal Co., &c., 31 m.; total track, 101.6 miles; laid with 80-lb. steel rail. See V. 78, p. 2598.

The Grand Trunk Western Ry. and the Toledo St. Louis & Western RR. own the entire stock and jointly guarantee the bonds, principal and interest, by endorsement. See form of guaranty, V. 76, p. 653. The unissued bonds are reserved for extensions and improvements. Pres., T. P. Shonts.—(V. 77, p. 88, 250, 628; V. 78, p. 2442, 2598.)

DUBUQUE & SIOUX CITY RR.—(See Map of Illinois Central.)—Owns Dubuque, Iowa, to Iowa Falls, 143 miles; Iowa Falls to Sioux City, 184 m.; Manchester to Cedar Rapids, 42 m.; Onawa, Iowa, to Sioux Falls, Dakota, 155 m.; Cedar Falls to Minnesota State Line (merged by consolidation in 1896), 76 m.; Tara Station, near Ft. Dodge, Ia., to Council Bluffs, 130 m.; total owned, 730 m.

ORGANIZATION.—Controlled since April 1887 by the Illinois Central RR., which owns all except a few hundred shares of the \$15,000,000 stock (as increased June 1900), and has issued its own bonds on the road; the only D. & S. C. bonds held by the public are the 7s issued under Iowa Falls & Sioux City mortgage, \$2,800,000. Lease, V. 79, p. 1274.

DIVIDENDS SINCE 1894.—1895, Dec. 1; '96, 3; '97, 2; '98, 3 1/2; '99, 3; 1900, 3; 1901, 1 1/2; 1902, Jan., 1.—(V. 70, p. 1290.)

DULUTH & IRON RANGE RR.—Owns Duluth to Ely, Minn., 119 miles, with branches to Mesaba Range Mines, Fayal, &c., 65 m. Owns ore docks and yards on Lake Superior costing over \$1,500,000.

STOCK, &c.—Stock authorized, \$10,000,000; outstanding \$3,000,000; par \$100. Land grant from Minnesota about 506,000 acres, of which 201,790 acres had been patented to it prior to April 30 1895; V. 64, p. 1041. Federal Steel Co. (see U. S. Steel Corp.) owns the stock and \$3,500,000 of the \$4,500,000 2d mortgage bonds (V. 66, p. 1237.) First mort. bonds authorized, \$25,000 per mile for construction and \$7,000 for equipment. Dividends prior to 1900 aggregated 100%; in 1901-02, 6%; in 1903-04, from accumulated surplus, 150%. V. 79, p. 2085.

Year ending June 30 1905, gross, \$6,710,682; net, \$4,486,237; other income, \$3,920; charges, taxes and depreciation \$1,305,016; construction expenditures, \$15,808; bal., sur., \$3,169,333.—(V. 79, p. 2085.)

DULUTH MISSABE & NORTHERN RY.—Owns from Duluth to Mountain Iron, Minn., 77 miles; branch from Alborn northwesterly to Buckeye Mine, 54 miles (opened Sept. 1906); other branches and spurs, 84 miles; trackage to Union Depot, Duluth, 2 m.; total, 163 m. Entire \$4,112,500 stock and \$1,967,000 of bonds owned by Lake Superior Consol. Iron Mines, and so by United States Steel Corporation. V. 72, p. 1038.

Of the general 5s of 1906, \$1,600,000 were issued for part cost of Alborn branch, 54 miles, and \$3,943,000 to retire the 2nd 5s, paid off July 1 1906; of the issue, bonds are reserved to refund the 1st consols., balance for new construction and equipment. V. 82, p. 1101.

In 1903-04 paid dividend of 150% from accumulated surplus. V. 79, p. 2085. For year ending June 30 1905, gross, \$6,333,817; net, \$3,860,309; other income, \$38,930; charges, \$704,033; bal., sur., \$3,195,206. In 1903-04, gross, \$3,701,416; sur. over charges, \$1,142,431.—(V. 82, p. 1101.)

DULUTH RAINY LAKE & WINNIPEG RY.—Projected from Virginia, Minn., north to connection with Canadian Northern at International Falls, 98 miles, giving that road access to Duluth and Two Harbors at the head of the Great Lakes. Of this, 38 miles from Virginia were in operation Sept. 1906 and 30 or 40 miles more were expected to be within 3 months.

Stock, \$2,000,000, owned by the Virginia & Rainy Lake Ry., which guarantees the interest of the bonds. Sinking fund yearly, beginning March 1909, amounting to two-thirds of net earnings of preceding calendar year. V. 81, p. 558, 613, 1848; V. 82, p. 751; V. 83, p. 323.

LATEST EARNINGS.— } 1906-----Gross, \$56,830; net, \$20,687 2 mos., July 1 to Aug. 31. } 1905-----Gross, 20,024; net, 8,006 Pres., Wirt H. Cook; Sec., David O. Anderson.—(V. 83, p. 323.)

DULUTH SOUTH SHORE & ATLANTIC RY.—Operates Duluth to Sault Ste. Marie, 415 miles; "Soo" Junction to St. Ignace, 43 miles; other, 135 miles; total, 593 miles, including 10 miles of trackage.

CAPITAL STOCK.—Common stock is \$12,000,000; pref., \$10,000,000; par, both \$100. Pref. stock is 6% non-cum. Can. Pac. July 1 1906 owned \$6,100,000 com. and \$5,100,000 pref. stock, \$3,000,000 incomes and \$15,107,000 consols.

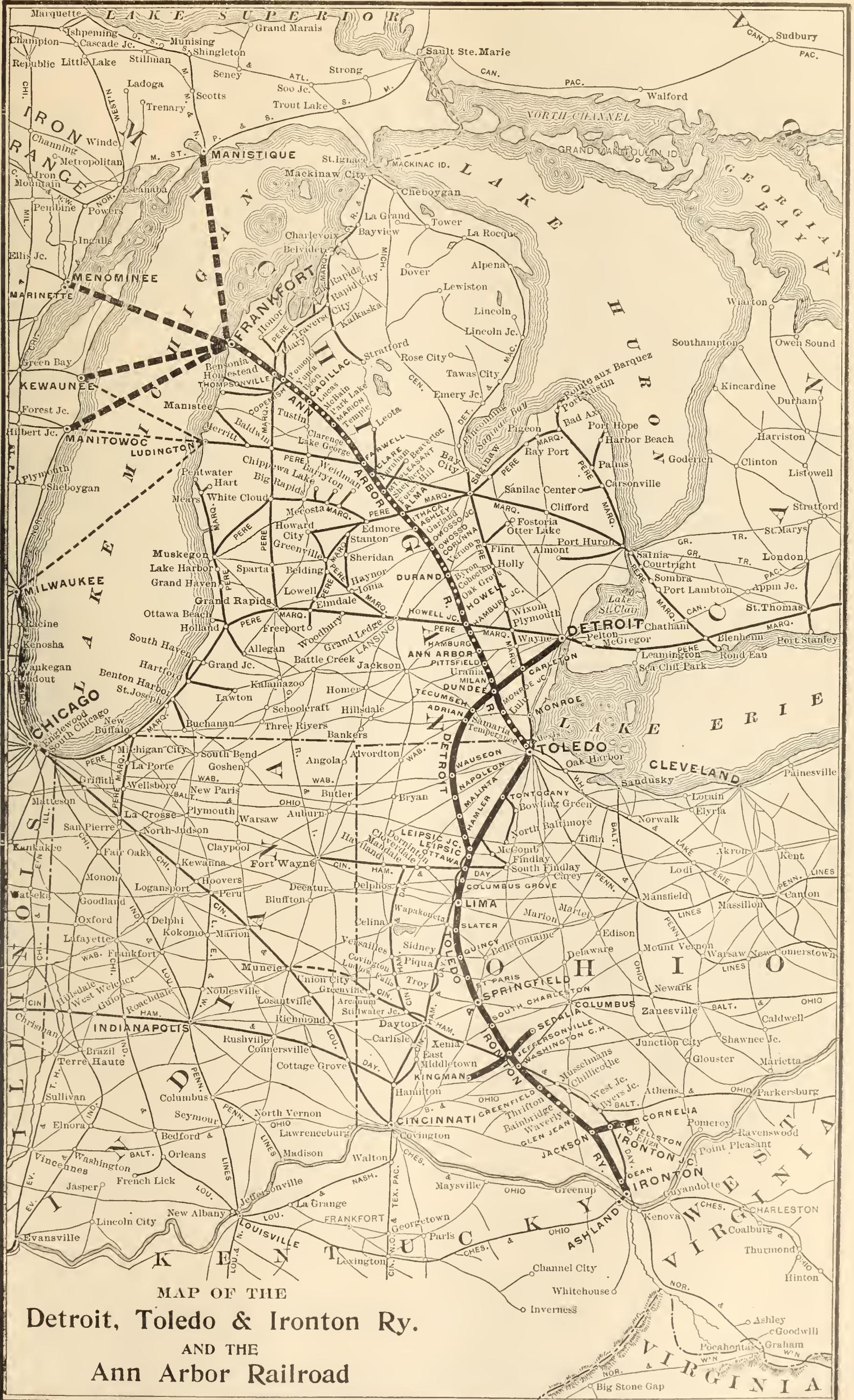
BONDS. &c.—Abstract first mortgage, V. 45, p. 274.

The first consolidated mortgage of 1890 has interest at 4% guaranteed by Can. Pac., which July 1 1906 held the entire outstanding issue (\$15,107,000) in its treasury as security for its 4% debenture stock; consols for \$4,893,000 are reserved for prior bonds, and additional amounts may be issued at \$20,000 per mile of new lines. Car trust 4 1/2s of 1906, V. 82, p. 452. Due Canadian Pacific Ry. June 30 1906, for guaranteed interest advances, \$3,580,395; on general account, \$323,013.

LATEST EARNINGS.— } 1906-----Gross, \$602,005; net, \$236,650 2 mos., July 1 to Aug. 31. } 1905-----Gross, 554,719; net, 206,776 Surplus over charges, \$62,842, against \$34,967 in 1905.

REPORT.—Report for year ending June 30 1906 in V. 83, p. 815. Of the tonnage in 1905-06, ores furnished 43%, lumber, &c., 27%.

Yr.— Gross. Net over taxes. Oth. Inc. Interest. Balance. 1905-06 --\$3,057,809 \$707,878 \$14,536 \$878,717 def\$156,303 1904-05 --2,706,935 637,496 15,774 859,823 def 206,552 Pres., W. F. Fitch, Marquette, Mich.—(V. 83, p. 687, 815.)



MAP OF THE  
**Detroit, Toledo & Ironton Ry.**  
 AND THE  
**Ann Arbor Railroad**

RAILROADS. For explanation of column headings, &c., see notes on first page of tables.	Miles of Road.	Date of Bonds.	Size, or Par Value.	Amount Outstanding	INTEREST OR DIVIDENDS.			Bonds—Principal, When Due. Stocks—Last Dividend.
					Rate %	When Payable.	Where Payable, and by Whom.	
Erie Railroad—Common stock \$133,000,000 auth.			\$100	\$112,378,900				
Second preferred stock 4% non-cumulative			100	16,000,000	4 in 1906	Semi-an	J P Morgan & Co, N Y	Sept 7 1906 2%
First preferred stock 4% non-cumulative			100	47,892,400	4 in 1906	Semi-an	do	Oct 9 1906 2%
A—Old Bonds Assumed—Roads Consolidated.								
N Y & Erie 1st M Plerm to Dun ext 1897 gold	447	1847	1,000	2,482,000	4 g	M & N	11 Broadway, New York	May 1 1947
Second mortgage (extended in 1879) gold	447	1849	1,000	2,149,000	5 g	M & S	do	Sept 1 1919
Third mortgage (extended in 1883) gold	447	1853	1,000	4,617,000	4 1/2 g	M & S	do	Mar 1 1923
Fourth mortgage (extended in 1880) gold	475	1857	1,000	2,926,000	5 g	A & O	do	Oct 1 1920
Fifth mortgage (extended in 1888) gold	475	1858	500 &c	709,500	4 g	J & D	do	June 1 1928
Erie Ry 1st M Buff Br Hornellsv to Attlea gold	60	1861	200 &c	182,400	4 g	J & J	do	July 1 1931
First consol M \$30,000,000 gold \$ or £	526	1870	1,000	16,891,000	7 g	M & S	do	Sept 1 1920
N Y L E & West funded coupon bonds gold	526	1878	500 &c	3,699,500	7 g	M & S	do	Sept 1 1920
Buffalo N Y & Erie 1st M (Buffalo to Corning)	140	1876	1,000	2,380,000	7	J & D	do	June 1 1916
Buffalo & Southw 1st M Buffalo to Jamestown	67	1877	50 &c	1,500,000	6 g	J & J	do	July 1 1908
Newburg & N Y 1st M gold extended in 1889	12	1868	1,000	250,000	5 g	J & J	do	Jan 1 1929
B—Bonds on Properties Controlled by Ownership of Entire (?) or a Majority (b) of Capital Stock, or by (c) Lease.								
*Bergen Co RR 1st M Ruth Jct to Ridgewood N J	10	1881	1,000	200,000	6	A & O	11 Broadway New York	April 1 1911
*Ch & Erie 1st M g (Marion, O. to Ham'd, Ind) Ce.	250	1890	1,000	12,000,000	5 g	M & N	do	May 1 1982
Chicago & Atlantic Terminal first mortgage g. Ce		1888	1,000	300,000	5 g	J & J	do	July 1 1918
cGoshen & Deck'n 1st & 2d M's (\$60,000 are 2d)		'68-'69		246,500	6	Various		1928-1929
cMont & Erie 1st & 2d M's (\$40,500 are 2ds)		'66-'67		170,500	5	Various	11 Broadway, New York	1926-1927
*Jefferson 1st & 2d M's ext in '87 & '89 (H'dale Br) c	8	'67-'69	500 &c	300,000	4 1/2 & 6 J	J & J	Fidelity Trust Co, Phila	July 1 1927 1929
First mortgage Carbonate to S depot gold FP.c	37	1889	1,000	2,800,000	5 g	A & O	11 Broadway, New York	Jan 1 1909
*Long Dock Co cons M g (now 1st M) see text		1885	1,000	7,500,000	6 g	A & O	J P Morgan & Co, N Y	Oct 1 1935
cN Y & Greenw L prior lien M \$1,500,000 gold	52	1896	100 &c	1,500,000	5 g	M & N	do	May 1 1946
bNew Jersey & New York 1st M (reorganization) c	34	1880	500 &c	400,000	6	M & N	do	May 1 1910
General mort \$1,200,000 (red 105 after 5 yrs) gold		1892	500 &c	629,500	5	J & J	do	Jan 1 1933
N Y L E & W C RR 1st M "lawful money" Mp.c		1882	1,000	1,100,000	6 cur	M & N	do	May 1 1922
*N Y L E & W D & I Co 1st M (V 56, p 82) F.c		1883	1,000	3,396,000	6	J & J	do	July 1 1913
*N Y Pa & Ohio prior lien M gold \$ & £ F.c	422	1880	500 &c	8,000,000	4 1/2 g	M & S	do	Mar 1 1935
Do Leased lines—see separate statements for Cleve & Mah Valley RR and Sharon Ry.								
cN Y Susquehanna & Western—Northern New Jersey—Tloga RR.—See each company.								
Erie Railroad Company New Bonds.								
Second M on Buffalo & Southwestern gold Mo.c	67	1895	1,000	1,000,000	5 g	J & J	11 Broadway, New York	July 1 1908
Prior lien bonds \$35,000,000 gold F.c & r		1895	1,000	35,000,000	4 g	J & J	New York & London	Jan 1 1996
General lien \$140,000,000 gold c & r		1895	1,000	40,409,000	4 g	J & J	11 Broadway, New York	Jan 1 1996

**DURHAM & SOUTH CAROLINA RR.**—Durham N. C., south 30 miles to Minturn on the Seaboard Air Line, completed Oct. 1905. Stock, \$300,000; par of shares, \$100. Bonds, see table above. V. 81, p. 840. Pres., Ernest Williams, Lynchburg, Va.—V. 81, p. 840.

**DUTCHESS COUNTY RR.**—Poughkeepsie to Hopewell Jct., N. Y., 12 miles. Leased to Cent. New Eng. Ry. for interest on bonds, taxes and rental of \$100 per annum. Stock, \$300,000; par, \$100.—(V. 81, p. 841.)

**EAST BROAD TOP RR. & COAL CO. (Pa.)**—Owns from Mount Union, Pa., to Woodvale, Pa., 31 miles, Shade Gap RR., 11 miles, and branches to mines, 3 miles. See V. 75, p. 77. A coal road, opened in 1874. Stock \$815,589 (par, \$50), of which \$247,189 is 6% pref.; current liabilities June 30 1905, \$452,961. First mortgage 4s (\$500,000) due July 1 1903, remain unpaid; no int. paid thereon since Jan. 1885. Other bonds, \$42,400, int., 6%, payable M.-N. Year 1904-05, gross, \$154,863; net, \$81,187; interest, &c., \$27,147; bal., sur., \$46,529. Pres., R. S. Siebert, Orbisonla, Pa.—(V. 77, p. 145.)

**EAST MAHANOV RR.**—Owns from East Mahanoy Junction to St. Nicholas and branches, 11 miles. Re leased Dec. 1 1896 for 999 years to Little Schuylkill Nav. RR. & Coal Co. at 5% on stock, and lease assigned to Phila. & Reading Ry. Of the stock \$283,650 is owned, \$280,000 being deposited by Reading Co. under its general mortgage.

**EAST PENNSYLVANIA RR.**—Owns Reading, Pa., to Allentown, Pa., 35 miles; second track, 18 miles; all track, 76.5 miles. Leased for 999 years from May 1 1869 to the Philadelphia & Reading RR. at a rental of 6% per annum on the stock and interest on the bonds. Lease assumed in 1896 by the Phila. & Reading Railway Co. Of the stock \$878,850 is owned by the Reading Co., \$875,000 of which is deposited under its gen. mort. of 1897.

**EAST TENNESSEE VIRGINIA & GEORGIA.**—See Southern Ry. Co.

**EAST TENNESSEE & WESTERN NORTH CAROLINA RR.**—A narrow-gauge road from Johnson City, Tenn., to Cranberry, N. C., 34 miles, including 3 miles leased. Stock, \$501,900. Extension from Johnson City to Elizabethton, 10 miles was completed as third rail in May 1905. Controlled by Cranberry Iron & Coal Co. The 1st 5s of 1905 (\$500,000 authorized) were used to retire the \$250,000 bonds which matured Nov. 1 1905, repay \$153,756 to Cranberry Iron & Coal Co. and acquire 4 or more miles of road and 25 acres of land in Mitchell Co., N. C. V. 81, p. 1723. For calendar year 1905, gross, \$174,498; net, \$78,828; int. and taxes, \$22,752; div. (2 1/2%), \$12,547; bal., sur., \$43,529. Pres., F. P. Howe, Philadelphia, Pa.—(V. 82, p. 333, 1379.)

**EASTERN KENTUCKY RY.**—Road from Riverton to Webbville Ky. 36 miles. Chartered in 1866 and opened through in 1889. Stock is common, \$1,607,800; preferred, \$1,779,500; par, \$100. No bonds. Bills and accounts payable June 30 1906, \$44,372; car trusts, \$14,386. Earnings for year 1905-6, gross, \$62,634; net, \$2,228; interest, \$1,819; bal., sur., \$409. In 1904-05, gross, \$52,524; net, \$3,563.

**EL PASO UNION PASSENGER DEPOT.**—Owns depot at El Paso, Tex. was completed about Nov. 1 1905. Leased by El Paso Northeastern, El Paso Southwestern, Galveston Harrisburg & San Antonio (So. Pac. Sys.), Atch. Top. & Santa Fe, Tex. & Pac. and Mex. Cent. railroads on a wheelage basis providing for maintenance and all charges. Stock, \$240,000, owned equally by the 6 roads named. Of the bonds (see table above), \$12,000 is to be drawn yearly Jan. 1 by lot, beginning 1916, and paid off at par. V. 78, p. 104; V. 81, p. 1043. Pres., J. E. Hurley; Sec. and Treas., U. S. Stewart.—(V. 81, p. 1043; V. 82, p. 1496.)

**ELGIN JOLIET & EASTERN RY.**—Owns from Waukegan, Ill., on Lake Michigan, via Spaulding and Joliet, to Porter, Ind., 130 miles, and branches Normantown to Aurora, 10 miles—Walker to Coster, Ill.—33 miles; Hammond to Whiting, Ind., &c., 19 miles; total main line owned, 192 miles; spurs to coal mines, &c., 26 miles; trackage, Chic. & West Ind., 4.8; Belt Ry. of Chicago, 2, 7 miles; second track, 16 miles; side tracks and yards owned, 118 miles; total track operated, 369 miles. Entire capital stock owned by Federal Steel Co. and so by United States Steel Corporation.

**STOCK, &c.**—Stock, \$6,000,000; par, \$100. Div., 4% yearly (In Dec.) in 1899 to 1905 inclusive. First mortgage bonds unissued can be disposed of for extensions, betterments, &c.

**REPORT.**—For calendar year 1904, gross, \$2,208,559; net, \$756,101.

Year.	Gross.	Net.	Oth. Inc.	Interest.	Surplus.
1904-05	\$2,236,666	\$800,606	\$17,713	\$425,000	\$393,319
1903-04	2,217,349	687,000	13,670	425,000	275,670

Pres., A. F. Banks.—(V. 74, p. 151, 205; V. 75, p. 1399.)

**ELMIRA CORTLAND & NORTHERN RY.**—(See Map Lehigh Valley.)—Owns Elmira, N. Y., to Canastota, N. Y., 118 miles, and leases during corporate existence Canastota Northern, Canastota to Camden, N. Y., 21 miles. In 1896 the \$2,000,000 stock was purchased and 5% bonds were guaranteed by the Lehigh Val. and the road leased in July 1903 for 999 years to the Lehigh Val. Ry. of N. Y., a subsidiary company. (V. 63, p. 402.)

**ELMIRA & LAKE ONTARIO RR.**—Owns from Canandaigua, N. Y., to Chemung Jct., 64 m.; Sodus Point to Stanley, 34 m.; other 2—total, 100 m. A consolidation in Dec. 1886 of the Sodus Bay & Southern and other railroads. Leased at cost of operating to the Nor. Cent., which owns all the \$1,500,000 stock. Lease may be terminated on 30 days' notice.

Calendar Year.	Gross.	Net.	Oth. Inc.	Int. &c.	Balance.
1905	\$975,282	op. def. \$20,091	\$6,865	\$68,010	def. \$81,237
1904	1,053,074	52,291		61,027	def. 8,736

**ELMIRA & WILLIAMSPORT RR.**—Owns from Williamsport, Pa., to Elmira, N. Y., 75 1/2 miles. Leased to the North. Cent. Ry. for 999 years from May 1 1863. The divs. on the com. stock are 5% and on the pref. 7%, less taxes, making div. on com. 4.48% and on pref. 6.30%. Year ending Dec. 31 1905, gross, \$1,322,393; net, \$127,886; rental, \$154,011.

**EL PASO & NORTHEASTERN RR.**—See New Mexico Ry. & Coal.

**ERIE & PITTSBURGH RR.**—Owns New Castle, Pa., to Girard, Pa., 81 miles; branch to Erie Docks, 3 m.; trackage to Erie, 17 m.; total operated, 101 miles. Leased to Penn. RR. for 999 years in 1870 at 7% on stock and interest on bonds, and lease transferred to Penn. Co. Under agreement of Nov. 1 1905 the Penn. RR. will provide sinking fund instalments required by the gen. mort., the E. & P. to deliver its 3 1/2% debentures at par for such advances and at maturity of the gen. mort. bonds to exchange new mort. bonds therefor. Tax suit, see V. 71, p. 135.

**STOCK.**—The stockholders on Jan. 9 1905 authorized an increase in the stock from \$2,000,000 to \$4,500,000, the new stock to be issued as required for improvements, to be subordinate to the old stock, but to be guaranteed 7% dividends. V. 80, p. 162.

**EARNINGS.**—The lease showed to the lessees in 1899 profit, \$32,873; in 1900, profit, \$118,216; in 1901, profit, \$307,498; in 1902, profit, \$254,142; in 1903, profit, \$197,549; in 1904, profit \$262,544; in 1905 profit, \$442,059.—(V. 80, p. 162, 472.)

**ERIE RAILROAD.**—(See Map on adjoining page.)—Embraces trunk line from Jersey City, opposite N. Y. City, to Chicago, Ill., 998 m., and branches, 1,317 m.; total, 2,315 m.; second track, 771 m.; 3d and 4th tracks, 33 miles; total, 3,119 miles. In 1906 electrification of Rochester division and branches, total 150 miles, was authorized. V. 82, p. 1379.

**HISTORY.**—ON Dec. 1 1895 succeeded to the property of the old N. Y. Lake Erie & West RR. Co., sold in foreclosure on Nov. 6 under its 2nd consolidated mort. The new company holds in fee or through ownership of all or practically all the stock of the independent companies the line from New York to Chicago (including the Nypano RR. and Chic. & Erie companies), and also all branch and subsidiary lines except a few small properties. The reorganization plan of 1895 was in V. 61, p. 368.

In Jan. 1898 control of the N. Y. Susquehanna & Western was obtained. In Jan. 1901 entire stock of Penn. Coal Co. was acquired, the purchase including valuable coal mines. Erie & Wyoming Val. RR., Scranton, Pa., to Lackawaxen, 59 miles. See "Bonds" below. V. 71, p. 1219, 1311; V. 72, p. 44, 136, 241, 532, 627; V. 73, p. 398. In 1901 an interest in the stock of the Lehigh Val. RR. was purchased. V. 73, p. 391.

The Buffalo Creek Extension RR. was incorporated Aug. 3 1906 with \$400,000 authorized stock, to build a road 8 miles long connecting the Buffalo Creek RR., Buffalo Terminal Ry. and Lehigh Valley RR. V. 83, p. 322

Lines owned in fee.	Miles.	Leased lines.	Miles.
Piermont, N. Y., to Dunkirk	447	Avon Gen. & Mt. Morris	15
Buffalo to Jamestown, N. Y.	67	Montgomery & Erie	10
Buffalo to Corning, N. Y.	140	Northern RR. of N. J.	26
Other branches	139	Goshen & Deckertown	12
Stock all (a) or nearly all (b) owned.		Roch. & Genesee Valley	18
a Chicago & Erie RR.	250	Other lines	43
a Jefferson RR.	45	Leased to Nypano RR.	
N. Y. & Greenwood Lake RR.	52	Cleve. & Mahoning Valley RR.	81
b New Jersey & New York RR.	38	Sharon Railway	32
Erie & Wyoming Valley RR.	50	Other lines	54
a Nypano RR.	422	Trackage	167
b Tloga RR.	58	Lines in system June 30 '06	2,315
Other lines	140	N. Y. Susquehanna & West	238

\*See this company.

Proposed cut-offs, &c., V. 80, p. 2621; V. 81, p. 777; V. 83, p. 910.

**COAL AND STEAMBOAT PROPERTY.**—The Erie coal properties represent an aggregate of 10,500 acres of anthracite, of which about 9,000 acres are held in fee; also 53,000 acres of bituminous coal lands held in fee, 14,000 acres of bituminous held under mineral rights. Its coal tonnage in the year 1905-06 aggregated 16,978,932 out of the 36,355,382 tons hauled. The Union Steamboat Line (merged in Erie RR. Co. June 30 1896), has terminal, &c., properties in Buffalo and 8 lake steamers. See V. 63, p. 514. The Penn. coal properties acquired in 1901 are additional. See above. In June 1906 the Clarence and Avoca coal companies, aggregate production 175,000 tons, were acquired. V. 82, p. 1322.

**STOCK.**—The voting trust was dissolved May 1 1904. V. 78, p. 1549. The prior lien and the general lien bonds of 1895 have 10 votes for each \$1,000 of principal, their authorized issues aggregating \$175,000,000, of which \$77,912,000 issued in July 1906. The company reserves the right to redeem either class of its pref. stock at par in cash. Provisions of pref. stock were in "Supplement" of April 1897, page 3.

In Feb. 1898 Erie 1st pref. stock was increased from \$30,000,000 to \$43,000,000, and common stock from \$100,000,000 to \$113,000,000, to acquire New York Susq. & Western stock. See V. 66, p. 335, 573. The 1st pref. stock was further increased in 1901 \$5,000,000 in connection with the purchase of the Pennsylvania Coal Co. V. 72, p. 136, 532.

In 1905 authorized com. stock was increased to \$133,000,000 to provide for \$10,000,000 (first issue) of convertible debentures. V. 80, p. 1362.

**DIVIDENDS, p. c.**

	1901.	1902.	1903.	1904.	1905.	1906.
On 1st preferred	1 1/2	3	3 1/2	4	4	4
On 2d preferred					See text.	4

On 2d pref. a 4% annual dividend payable 2% Oct. 1906 and 2% April 9 1907. V. 83, p. 271.

**BONDS.**—The new first consolidated mortgage is for \$175,000,00 (Farmers' Loan & Trust Co., trustee)—see abstract of deed V. 62, p. 89, and secures \$35,000,000 prior lien and \$140,000,000 general lien bonds. Both series have voting power; see "Stock" above.

Of the \$140,000,000 general lien bonds, \$92,073,000 are reserved for the ultimate acquisition of bonds and guaranteed stocks left undisturbed on various parts of the system (see list V. 62, p. 89), and \$17,000,000 were reserved for new construction, betterments, additions, &c., after 1897, not over \$1,000,000 to be used in any one year.

The position of the first consolidated mortgage is substantially as follows: It is a first lien (mortgage or collateral, the prior lien bonds, however, preceding the general lien bonds) upon the cos. chief coal properties (except



MAP OF THE  
**ERIE RAILROAD**

RAILROADS.	Miles of Road.	Date of Bonds.	Size, or Par Value.	Amount Outstanding	INTEREST OR DIVIDENDS.			Bonds—Principal, When Due; Stocks—Last Dividend.
					Rate %	When Payable.	Where Payable, and by Whom.	
<i>For explanation of column headings, &amp;c., see notes on first page of tables.</i>								
<b>Erle Railroad—(Concluded)</b>								
Penn coll trust M \$36,000,000 g s f text...Me.c&r		1901	\$1,000 &c	\$33,000,000	4 g	F & A	11 Broadway, New York	Feb 1 1951
First conv M \$50,000,000 gold Series A...S.c*&r		1903	1,000 &c	10,000,000	4 g	A & O	do do	April 1 1953
do do Series B...S.c*&r		1905	1,000 &c	11,015,000	4 g	A & O	do do	April 1 1953
Erle & Jersey first mortgage \$10,000,000 guaranteed		1905		See text.	4			1955
N Y Pa & Ohio equip trusts slnk fd 3s, drawn at 100		'88-'90	£100	570,487	5g	Various	London	1908 and 1910
New Erle RR equipment trust gold part yearly		'99-'01		1,800,000	4 to 5	Various	New York	To 1910
do do Scr D g \$120,000 due Oct yearly...Usm		1901	1,000	250,000	4 1/2 g	A & O	do	Oct 1907-1908
do do Scr E g \$250,000 due April yearly...Usm		1902	1,000	760,000	4 1/2 g	A & O	do	April 1907-1909
do do Scr F g \$135,000 due Feb yearly...Usm		1902	1,000	545,000	4 1/2 g	F & A	do	Feb 1907-1910
do do Scr G g \$160,000 s-a red par beg Dec 07		1904	1,000	1,120,000	4 g	J & D	do	Dec '06 Dec '09
do do Scr H gold \$100,000 due semi-ann		1905	1,000	1,800,000	4 g	J & D	Glard Trust Co, Phila	Dec '06-Jun '15
do do Ser I gold \$350,000 due semi-ann...Pe.c*		1905	1,000	7,000,000	4 g	J & D	Penn Co for Ins &c, Phila	Dec '06-Dec '16
Avon Genesco & Mt Morris and Rochester & Genesee	Valley	Stocks	See	those Comp	antes.			
Evansville & Indianapolis—T H & South 1st M...F.c*	40	1879	1,000	251,000	7	M & S	Bankers' Trust Co, N Y	Sept 1 1909
Evansville & Indianapolis 1st M gold guar...F.c*	55	1884	1,000	647,000	6 g	J & J	do do	July 1 1924
Cons M (\$2,500,000) g gu p & l (end) E&TH...F.c*	135	1886	1,000	1,602,000	6 g	J & J	do do	Jan 1 1926
Evansville & Terre Haute—Common stock			50	3,987,383	See text.	See text.	Checks mailed	Nov 1 '06 4%
Preferred stock non-cum (see text)			50	1,283,333	5 ln 1906	A & O	Checks mailed	Oct 15 '06 2 1/2%
Consolidated mortgage (first lien) gold	115	1880	1,000	30,000	6 g	J & J	Bankers' Trust Co, N Y	July 1 1910
First consolidated mortgage gold	144	1881	1,000	3,000,000	6 g	J & J	do do	July 1 1921
Mount Vernon Branch mortgage gold	25	1883	1,000	375,000	6 g	A & O	do do	April 1 1923
Sullivan Co Coal Br mortgage gold		1890	1,000	450,000	5 g	A & O	do do	April 1 1930
First general mortgage for \$7,000,000 gold	199	1892	1,000	3,145,000	5 g	A & O	do do	April 1 1942
Equipment bonds Series B, due \$20,000 semi-ann...Ba		1905	1,000	340,000	4 1/2 g	F & A	Blair & Co N Y	Feb '07-Feb '15
Equipment bonds Series C, due \$60,000 semi-ann...Ba		1906	1,000	1,140,000	4 1/2 g	F & A	do do	Feb '07-Feb '16
Fall Brook—Stock (\$500,000 is 7% preferred)	92			5,000,000	See text.	Q—F 5	Office, Corning, N Y	Aug 5 1906
Fitchburg—Preferred 5% rental			100	17,360,000	5	Q—J	Office, Boston & Me, Bos	Oct 1 '06 1 1/2%
Bonds, not mortgage		1888	1,000	2,000,000	5	M & N	Office, Boston	May 1 1908
Bonds to State of Mass, 4% since Feb 1897		1887		5,000,000	4	F & A	do	Feb 1 1937
Bonds		1887	1,000	1,500,000	4	A & O	do	April 1 1907
Bonds, not mortgage		1890	1,000	500,000	4	J & D	do	June 1 1920
Bonds, not mortgage		1894		500,000	4 1/2	M & N	do	May 1 1914
Bonds, not mortgage (\$1,359,000 due 1915)		'95-'96		1,859,000	4	Various	do	1915 and 1916
Bonds, not mortgage (\$2,750,000 are 4s of 1897)		'97-'98		4,200,000	4	Various	do	1927-1928
Bonds, not mortgage (\$1,775,000 are 3 1/2s of '01)c&r		'00-'01	1,000	2,275,000	3 1/2	A & O	do	Oct 1 1920-1921

Penn. Coal Co.), upon its water transportation lines (including valuable terminal properties appurtenant thereto), and upon a number of profitable local lines in New Jersey and near Buffalo; it is a second lien upon certain minor coal properties and upon the railroads leading to all the coal properties, upon the terminals at Jersey City, upon the Buffalo N. Y. & Erle RR. (the main line to Buffalo), and the Buffalo terminal properties other than those upon which it is a first lien, and upon the entire line from Salamanca to Chicago; it is a second consolidated mortgage upon the lines between Piermont and Dunkirk (447 miles).

The collateral trust 4s of 1901 are secured by 51% of the entire N. Y. Susq. & Western stock (\$26,000,000 total issue), all of the Pennsylvania Coal Co. stock, and the stock of the Erle & Wyoming Valley RR., Scranton, Pa., to Lackawaxen, 65 miles, and Del. Val. & Kingston RR. Of the bonds \$32,000,000 were issued to acquire these stocks (except N. Y. S. & W., already owned), remaining \$4,000,000 (of which \$1,000,000 has been issued) being reserved for improvements to properties of which stocks acquired. A slnk fund of 10c. per ton of coal sold purchases bonds at not exceeding 105, otherwise to be applied to the drawing of bonds by lot, all such bonds to be kept alive and the accruing int. thereon to be added to the slnk fund, which, it is estimated, will be sufficient to retire the whole issue at or before maturity. V. 71, p. 1219, 1311; V. 72, p. 44, and circular, p. 136, 532, 257; V. 79, p. 212. In 1901-06 \$1,363,000 included above as outstanding was purchased by sinking fund.

The conv. 4s of 1903 (\$50,000,000 authorized issue) will be issued from time to time as required and may be made convertible into com. stock at a price to be fixed when the bonds are issued, but not less than \$41 1/2% per share; they will cover all the company's property subject to underlying liens. The first \$10,000,000 (series A) issued for improvements and equipment is convertible on basis of \$100 bonds for \$200 stock from Apr. 1 1905 to Apr. 1 1915; series B for \$12,000,000 (see "Finances" below) is convertible into com. stock at \$60 per share at any time after Oct. 1 1907 and before Oct. 1 1917. V. 76, p. 382, 541; V. 78, p. 768; V. 79, p. 2205.

Erle & Jersey guaranteed bonds, see "Finances" below.

Real estate mortgages outstanding June 30 1906, \$694,850.

Old Bonds.—Under the 1st consol. M. of '95 the co. covenants to pay the int. regularly on all the old bonds in the table that are marked with an \* or a b (except N. J. & N. Y. bonds), and to take them up and pledge them with the trustee at maturity.

Long Dock 6s, see March 1894 "Supplement," under N. Y. L. E. & W. For N. Y. Lake Erie & W. Coal & RR., see "Supplement" January 1895

FINANCES.—In 1905-06, \$1,603,000 general lien bonds were issued for construction, &c. V. 81, p. 1188. As to purchase of one-sixth interest in majority Hocking Valley com. stock, see that company. V. 83, p. 37.

In 1905 dividends on 2d preferred were begun.

The Erle & Jersey RR., with \$600,000 authorized stock, will build a low-grade cut-off from Highland Falls, via Campbell Hall to Guymard, N. Y., about 40 miles. An issue of \$10,000,000 first mortgage 50-year 4% bonds is contemplated to cover the cost. V. 80, p. 2621.

Stockholders in Oct. '05 subscribed at par for \$11,015,000 4% bonds, convertible into common stock at \$60 per share at any time after Oct. 1 1907 and before Oct. 1 1917. The proceeds are to be used for improvements. V. 81, p. 1100, 1610.

In Dec. '05 \$7,000,000 4% equip. trusts, ser. I, were sold. V. 82, p. 691.

EARNINGS.—2 mos., } 1906—Gross, \$8,875,701; net, \$2,655,161  
July 1 to Aug. 31. } 1905—Gross, 8,366,059; net, 2,645,649

ANNUAL REPORT.—Fiscal year ends June 30. Report for 1905-06 given in full in V. 83, p. 886, 907; see also editorial on page 860. Average freight train load, 454 tons, against 412 in 1904-05.

	1905-06.	1904-05.	1903-04.	1902-03.
Miles operated	2,151	2,151	2,151	2,153
Gross earnings	\$50,002,634	\$45,724,738	\$45,201,163	\$45,830,413
Working expenses	35,872,837	33,142,208	32,581,838	29,925,758
Net earnings	\$14,129,797	\$12,582,530	\$12,619,325	\$15,904,655
Net coal companies	\$1,595,140	\$2,190,439	\$1,093,911	\$2,670,290
Other income	582,702	488,048	412,807	314,995
Total net income	\$16,307,639	\$15,261,017	\$15,026,043	\$18,889,940
Interest	\$9,246,948	\$8,891,077	\$8,593,688	\$8,461,375
Rentals	1,094,575	1,153,623	1,053,969	1,142,974
P. c. due leased lines	172,827	176,893	189,204	222,900
Int. on equip. trusts	397,562	264,249	284,791	339,072
Miscellaneous	379,083	368,580	352,339	290,352
Add'ns & improvem'ts	1,926,975	1,360,555	1,540,320	2,377,855
Divs. on 1st preferred (4)	1,915,696	(4) 1,915,696	(4) 1,015,696	(3 1/2) 1,676,234
Divs. on 2d preferred	(4) 640,000	(4) 640,000		
Balance, surplus	\$533,975	\$490,344	\$1,096,036	\$4,379,178

OFFICERS.—Pres., F. D. Underwood; 1st Vice-Pres. and Gen. Solicitor G. F. Brownell; 2d Vice-Pres., G. A. Richardson; 3d Vice-Pres., H. B. Chamberlain; 4th Vice-Pres., J. M. Graham; Sec., David Bosman; Treas. D. W. Blaney; Comptroller, M. P. Blauvelt. Office, 11 Bowry, N. Y.

DIRECTORS.—Chas. Steele, J. J. Goodwin, John G. McCullough, D. O. Mills, Alexander E. Orr, F. D. Underwood, Samuel Spencer, Francis Lynde Stetson, Geo. F. Baker, J. J. Hill, Norman B. Ream, H. McK. Twombly, E. H. Harriman, William C. Lane, Louis L. Stanton, Wm. P. Hamilton.—V. 82, p. 1379; V. 83, p. 271, 323, 489, 886, 907.)

EVANSVILLE & INDIANAPOLIS RR.—Owns Evansville to Terre Haute, Ind. (via Worthington), 134 m.; leases branch, 12 m. A consolidation in 1885. Of the consols \$898,000 held to meet prior liens. The consols. and the bonds of 1924 are guaranteed by Evans. & Terre Haute, which owns capital stock, \$2,000,000. Company owns no equipment.

In 1904-05, gross, \$376,038; net, \$111,510; interest, taxes, &c., \$177,068; bal. [deficit for year, \$65,549.—(V. 75, p. 980.)

EVANSVILLE & TERRE HAUTE RR.—(See Maps Rock Island Co.)—Road owned and operated. Miles. Controlled and operated. Miles. Evansville to Terre Haute—109 Evansville & Indianapolis, Evansville to Mt. Vernon, &c.—50 Evansville to Terre Haute via Evansville Belt (stock held)—5 Worthlington, &c.—146

Total in earnings—310  
Leased to other companies Rockville extension—23  
In July 1903 Chicago & Eastern Illinois acquired \$2,678,100 of the \$3,987,383 common stock; par, \$50. V. 81, p. 1242.

DIVS.—'92, '93, '94, '95, '96, '97, '98, '99, '00, '01, '02-'05, '06.  
Com. stock—7a 7 1/2 b -- -- -- -- -- 2 30 1 1/2 None. 4  
Pref. stock— -- -- -- -- 1 1 2 4 1/2 5 5 5 y'ly. 5  
a Also 5% in bonds. b Also scrip dividend.

On preferred 5% declared in 1906—payable 2 1/2% Oct. 1906 and 2 1/2% April 15 1907.

BONDS, GUARANTIES, &c.—Certain Evansville & Indianapolis bonds are guaranteed. See that company. General mort. 5s for \$3,855,000 are held in trust to retire the prior bonds and car trusts at maturity. Equipment notes June 30 1906, in addition to those in table above, \$123,932. Series C, see V. 82, p. 627.

ANNUAL REPORT.—Report for 1905-06 was given in V. 83, p. 883. Results of Evans. & Ind. are included below in last three years.

	1906.	1905.	1904.	1903.
Gross earnings	\$2,163,681	\$2,050,147	\$2,089,336	\$1,722,314
Net earnings	1,052,263	1,011,556	851,274	826,956
Other income	24,612	28,244	36,228	36,325
Total net income	\$1,076,875	\$1,039,800	\$887,502	\$863,281
Interest on debt	\$550,281	\$514,160	\$509,281	\$337,950
Taxes and miscellaneous	92,284	90,929	99,639	88,982
Evansv. & Ind. deficit				34,090
Dividends on pref. (5%)	64,167	64,167	64,167	64,167
Dividends on com. (4%)	159,495			
Depleted equipment	42,921	79,286		
Balance, surplus	\$167,727	\$291,258	\$214,415	\$338,092

OFFICERS.—Pres., A. J. Davidson; Treas., C. W. Hillard.—(V. 81, 1240, 1242; V. 82, p. 627; V. 83, p. 562, 625, 888.)

FALL BROOK RAILWAY.—(See Map N. Y. Central & H. R. RR.)—Owns from Corning, N. Y., to Antrim, Pa., 52 miles; branch to Ullyses, Pa., 40 miles; total, 92 miles.

LEASE.—The railroad and its rolling stock was leased to N. Y. Central & H. R. RR. for 99 years from May 1 1899 for \$175,000 yearly, payable quarterly in gold, beginning Aug. 1 1899; also taxes and repairs, the leases of the Syracuse Geneva & Corning Ry. and Pine Creek RR., formerly held, being canceled and new leases made to N. Y. Central, which also assumed the guaranty of the \$3,500,000 Pine Creek bonds. The lease does not include the coal properties of Fall Brook Coal Co. Prior to the lease, dividends had been paid quarterly since 1891 at the rate of 7% per annum on preferred and 6% on common; since the lease 7% on preferred and 2 1/2% on common.—(V. 68, p. 379, 573, 773, 872.)

FITCHBURG RR.—System extends from Boston, Mass., to Troy, N. Y., 190 miles; branches to Worcester, Bellows Falls, &c., 268 m.; 458 m. in all, of which 56 m. (Fitchburg to Greenfield) leased from Vermont & Mass. and 8 m. from other companies; second track 183 miles.

LEASE.—Leased for 99 years from July 1 1900 to Boston & Maine for 5% on pref. and 1% on com. stock, payable quarterly (Jan. 1, &c.), organization expenses, interest on bonds, taxes, expenses of maintenance, &c. The Boston & Maine holds \$5,454,550 of the \$7,000,000 com. stock, purchased with proceeds of its 3% bonds at 90, the remainder being in the treasury. V. 70, p. 76, 125, 176, 583, 1291; V. 71, p. 29, 543; V. 72, p. 532.

BONDS.—Debentures described in V. 60, p. 967. There were issued in 1905 \$3,660,000 4% bonds to provide for various bonds maturing up to June 1 1905, inclusive, and for additions and improvements. Stockholders on Sept. 26 1906 authorized \$2,000,000 bonds to refund the \$1,500,000 bonds maturing April 1 1907 and provide for improvements. V. 83, p. 687.—(V. 80, p. 472, 599, 871; V. 83, p. 687, 751.)

FLORIDA EAST COAST RY.—Operates from Jacksonville, Fla., via St. Augustine, to Miami, 366 miles; branches to Palatka, San Mateo, &c., 17 m.; Atlantic & Western, Blue Springs to New Smyrna, Fla., 28 m.; Titusville branch, 48 m.; Jacksonville to Mayport, 25 m.; total, 484 m. V. 60, p. 591. In Dec. 1904 extension was completed from Miami south 28 m.; to be extended 50 m. additional to Cape Sable. System owned by Henry M. Flagler. In June 1905 extension was begun from Cutler to Homestead to Key West, about 136 m., whence it is proposed to operate ferryboats to Havana, 85 m., in place of Peninsular & Occidental SS. Co. V. 81, p. 211. June 30 1903, stock, \$1,000,000; \$7,259,000 1st mort. bonds issued. In Oct. 1902 filed a second mort. to Colonial Trust Co. of New York, as trustee, to secure \$8,741,000 30-year 5% bonds, dated Jan. 1 1903, of which about \$6,000,000 was reported to be issued. V. 75, 906. For year 1904-05, gross earnings, \$2,328,864; net, \$720,341, against \$820,745 in 1903-04; other income, \$2,333; charges, \$743,605.—(V. 75, p. 906; V. 81, p. 211.)

FLORIDA WEST SHORE RY.—Turkey Creek, Fla., on Seaboard Air Line, to Sarasota on the Gulf of Mexico, 56 miles, including 4 m. of trackage, with branches, 8 m.; total, 64 m. Stock authorized, \$1,000,000, of which \$500,000 outstanding; par of shares, \$100. Under contract of 1903 the Seaboard Air Line is a preferred connection and guarantees the outstanding bonds; V. 80, p. 1478; V. 77, p. 695. For year ending June 30 1905, gross, \$123,783; net, \$37,942; total deductions, \$43,662; bal., def., \$5,720.—(V. 80, p. 1478.)

RAILROADS. For explanation of column headings, &c., see notes on first page of tables.	Miles of Road.	Date of Bonds.	Size, or Par Value.	Amount Outstanding	INTEREST OR DIVIDENDS.			Bonds—Principal, When Due. Stocks—Last Dividend.
					Rate %	When Payable.	Where Payable, and by Whom.	
<b>Fitchburg</b> —(Concluded)								
Bonds, not mortgage \$3,660,000 currency.....c&r		1905		\$3,660,000	4	M & N	Office, Boston	May 1 1925
Troy & Boston first mortgage (V. 53, p. 405).....c&r	35	1874	\$1,000	573,000	7	J & J	do	July 1 1924
Brookline & Pepperell plain bonds guar (endorsed)		1891		100,000	5	J & D	do	Dec 1 1911
Vermont & Massachusetts plain bonds guaranteed		1903	1,000	772,000	3 1/2	M & N	do	May 1 1923
<b>Fllnt &amp; Pere Marquette</b> —See Pere Marquette Statemen t.								
<b>Florida Central &amp; Peninsular</b> —See Seaboard Air Line Ry.								
<b>Florida West Shore</b> —1st M \$2,000,000 gold guar p & l	60	1904	1,000	712,000	5 g	J & J	24 Broad St., New York	Jan 1 1934
<b>Fonda Johnstown &amp; Gloversville</b> —Cons M \$500,000..c	26	1881	100 & c	200,000	6	A & O	Imp & Trad Nat Bk, N Y	April 1 1921
First consol refunding M \$700,000 gold.....N.c*	26	1897	1,000	500,000	4 1/2 g	J & J	New York Trust Co, N Y	July 1 1947
General refunding M \$1,500,000 (V. 71, p. 34).....N.c*	26	1900	1,000	800,000	4 g	J & J	do	July 1 1950
Johnstown G & Kingsboro first mortgage assumed	4	1893	1,000	50,000	6	J & J	Metropolitan Tr Co, N Y	July 1 1913
Cayadutta Elec 1st M guar p & l by F J & G.....gold..N	14	1892	1,000	350,000	6	A & O	Farmers L & Tr Co, N Y	Oct 1 1922
First cons gen ref M \$7,000,000 gold red 120..N.c*&r	75	1902	1,000	4,687,000	4 1/2 g	M & N	N Y Trust Co, N Y	Nov 1 1952
<b>Fort Smith &amp; Western</b> —1st M \$7,500,000 gold.....Me.c*		1904	1,000	6,000,000	4 g	A & O	Mercantile Trust Co, N Y	April 1 1954
<b>Fort Wayne &amp; Jackson</b> —Preferred stock 5 1/2 % rental	98		100	2,291,416	5 1/2 %	M & S	Farmers L & Tr Co, N Y	Sep 1 '06 2 3/4 %
<b>Ft Worth &amp; Denver City</b> —Pref stock "stamp cfs." 4 %			100	2,539,992	4 in 1906	See text.	Morton Trust Co, N Y	Mar 20 1906 4 %
First mortgage gold \$18,000 per mlle.....Me.c*	45 1/2	1881	1,000	8,176,000	6 g	J & D	Mercantile Trust Co, N Y	Dec 1 1921
Equip trust certs guar due \$39,000 s-a redeem 101..		1906		624,000	5	J & D		Dec '06-June '14
<b>Fort Worth &amp; Rio Grande</b> —See St Louis & San Franci sco.								
<b>Gainesville &amp; Gulf</b> —First mortgage \$150,000 gold..S.c*	48	1899	1,000	150,000	6 g	J & J	Standard Trust Co, N Y	1929
<b>Gainesville Midland</b> —1st M \$1,000,000 gold red at 110	55	1905	1,000	661,000	5 g	M & N	Savannah, Ga	Nov 1 1935
<b>Galveston Harrisb &amp; San Antonio</b> —1st M gold red gr.c*	256	71-'80	1,000	4,756,000	6 g	F & A	So Pac Co, N Y; & Boston	Feb 1 1910
Western Divlsion first mortgage gold.....c*	671	1881	1,000	13,418,000	5 g	M & N	So P Co, 120 B'way, N Y	May 1 1931
<b>Galveston Houston &amp; Northern</b> first mortgage gold	56	1900		800,000	5 g	J & J	do	Jan 1 1930
N Y Tex & Mex 1st M gold \$ or £ guar by So P.....F.c*	91	1882	£ or \$	1,465,000	4 g	A & O	So Pac Co, N Y; & Lond	April 1 1912
do do do not guaranteed.....c*	91	1882	£ or \$	53,000	4 g	A & O	do	April 1 1912
<b>Galveston Houston &amp; Hend of 1882</b> —1st M.....Me.c*	50	1883	1,000	2,000,000	5	A & O	Mercantile Trust Co, N Y	April 1 1913
<b>Genesee &amp; Wyoming RR</b> —1st M gold \$500,000.....K	16	1899	1,000	500,000	5 g	A & O	Knickerbocker Tr Co, N Y	April 1 1929
<b>Georgia &amp; Alabama</b> —Georgia Carolina & Northern—S ee Sea board								
<b>Georgia Coast &amp; Piedmont</b> —1st M gold \$1,000,000 Mo	85	1906	1,000	406,000	5 g	M & S	Mackay & Co, N Y	Mar 1 1956
<b>Georgia Florida &amp; Ala</b> —1st M \$1,100,000 gold..Ma.c*	Text.	1904	1,000	See text.	5 g	J & J	Manhattan Tr Co, N Y	July 1 1954
<b>Georgia Midland Ry</b> —1st M gold \$1,650,000 lnt guar	98	1896	1,000	1,650,000	3 g	A & O	J P Morgan & Co, N Y	April 1 1946
<b>Georgia Pacific</b> —See Southern Ry.								
<b>Georgia Railroad &amp; Banking Co</b> —Stock.....	307		100	4,200,000	11 in '06	Q—J	Augusta, Ga	Oct 15 '06 2 3/4 %
Bonds refunding, not mortgage, currency.....c*		1897	1,000	1,000,000	5	J & J	Amer Exchange Nat	Jan 1 1922
Bonds, not mortgage, currency.....c*&r		1880	1,000	1,000,000	6	J & J	Bank, New York, or	Jan 1 1910
Bonds, not mortgage, cur \$200,000 are 5s of '87..c*&r		'82-'87	1,000	500,000	5 & 6	J & J	Augusta	Jan 1 1922

**FONDA JOHNSTOWN & GLOVERSVILLE RR.**—Owns Fonda to Northville (steam), 26.2 miles; Gloversville to Schenectady (electric), 32.3 m.; Gloversville to Fonda (electric), 9.34 m.; Amsterdam to Hagaman (electric), 3.6 m.; Belt line in Gloversville (electric), 3.9 m.; second track (electric), 2.1 miles. Operates under lease branch line Broadalbin Jct. to Broadalbin, 6.2 m. (steam); also local line Gloversville to Johnstown (electric), 4.23 m.; sidings and turn-outs, 11.7 m.; total, 97.47 miles of road (118.67 miles of track), of which 96.87 miles on private right of way and 21.8 miles on street, and highways. Stock, \$2,500,000; par, \$10.

Owns entire \$105,000 stock of Coal Co. of Fulton Co. and stock of Edison Electric Light & Power Co. (V. 71, p. 1167.) V. 78, p. 29. Also a two-thirds interest in stock and bonds of Adirondack Lakes Traction Co., 4 miles, and the resort "Sacandaga Park."

In 1896 Vanderbilt interests entered directory.

**BONDS.**—Of the consol. 4 1/2s of 1902 (\$7,000,000 authorized), \$4,687,000 were issued to retire Amsterdam Street RR. bonds and for construction; of the balance, \$1,850,000 is reserved to retire prior liens. V. 76, p. 265. Guarantees \$30,000 Glov. & Broadalbin 5s and \$50,000 Johnst. Gloversv. & Kingsb. Horse RR. 6s and \$50,000 8 % stock.

**LATEST EARNINGS.**—1 mo. } 1906 -----Gross, \$85,025; net, \$50,992  
 July 1 to July 31. } 1915 -----Gross, 78,805; net, 46,415

**REPORT.**—For year ending June 30 1906, gross, \$728,710; net, \$354,350; other income, \$48,175; charges, \$357,144; bal., sur., \$45,381.

**FORT SMITH & WESTERN RR.**—Operates Fort Smith, Ark., to Guthrie, O. T., 216 miles, of which Coal Creek, I. T., to Guthrie, 196 m., is owned and Ft. Smith to Coal Creek, 20 m., is Kansas City Southern trackage, to be replaced by company's own road. The road will develop coal properties at McCurtain, I. T., 40 m. west of Ft. Smith. In July 1906 acquired 51% of the capital stock of the St. Louis El Reno & Western Ry., Guthrie to El Reno, O. T., 42 miles. The latter will be operated independently. Henry C. Frick of Pittsburgh, Pa., is understood to be largely interested.

Stock, \$5,000,000, all outstanding; par \$100. Of the 4s of 1904 (\$7,500,000 auth.), \$5,833,000 were issued in exchange for \$5,000,000 old 5s, \$400,000 are reserved to replace the 20 miles of trackage mentioned above, \$400,000 for equipment, and the balance for other purposes. In July 1903, filed an agreement for the purchase of equipment costing \$438,000. V. 77, p. 88. For year ending June 30 1906, gross, \$520,312; oper. expenses, taxes and fixed charges, \$585,837; bal., def., \$65,525. Pres. and Treas., A. C. Dustin, Cleveland, O.—(V. 79, p. 269; V. 83, p. 213, 271.)

**FORT WAYNE & JACKSON RR.**—Owns Jackson, Mich., to Fort Wayne, Ind., 98 miles. On Aug. 24 1882 leased perpetually to Lake Shore & Michigan Southern at a rental of \$126,027, equal to 5 1/2 % on the pref. stock, see V. 56, p. 812), and after 1887 any net earnings over 8 % on pref. stock, to be paid as dividends on common, but not exceeding 2 % a year. Common stock, \$436,132.

**FORT WORTH & DENVER CITY RY.**—(See Map Col. So.)—Ft. Worth, Tex., to Texline, 454 miles. Owns securities of Ft. W. & Den. Term. Ry.

**STOCK, &c.**—Colorado & Southern Ry. owns all but \$330,725 of the \$6,835,008 common issued, and all but \$295,240 of the stamped stock, and in 1905 included road in its financial plan. Preferred stock "stamped," see V. 63, p. 1063.

**DIVIDENDS.**—On preferred, 2 % '98; '99, 2 %; 1902, 2 %; April 1903, 1904 and 1906, 4 % each from surplus earnings of previous years.

**BONDS.**—Finances readjusted in 1896. Plan V. 63, p. 75. Abstract of mort. V. 45, p. 440. Equip. trust notes June 30 1905, \$199,339, maturing \$6,017 monthly to Aug. 1908. Equip. trust certs. of 1906, V. 82, p. 1101.

**EARNINGS.**—For 8 months ending Feb. 28 1906, gross, \$2,264,038; net, \$810,957; other income, \$6,230; taxes \$34,234; interest, &c., \$336,318; bal., sur., \$446,635.

**ANNUAL REPORT.**—Report for 1904-05 was in V. 81, p. 1372. Earnings now included in those of the Col. & So. system.

Yearend, June 30—	1905.	1904.	1903.	1902.
Gross earnings.....	\$2,526,496	\$2,496,617	\$2,494,587	\$2,262,123
Net over taxes.....	502,600	677,331	464,986	561,373
Other income.....	14,359	11,248	17,534	-----

From total net income as above in 1905 (\$516,959), deduct interest on bonds, \$490,560; other int., rentals, &c., \$20,046; bal., sur., \$6,354. Pres., Frank Trumbull, Denver, Col.—(V. 82, p. 627, 1101, 1156.)

**GAINESVILLE & GULF RY.**—Sampson City to Fairfield, Fla., 48 miles' Land grant, 480,000 acres. In Aug. 1905 parties identified with the Georgia So. & Flor. acquired control. In Oct. 1906 an extension from Fairfield to Tampa, Fla., 106 miles, was under construction under the name of the Tampa & Jacksonville Ry., a branch being also proposed from Sumter City to Gainesville, 39 miles. V. 81, p. 613. Stock authorized, \$1,000,000; par, \$100; issued July 1903, \$300,000.

Loans and bills payable June 30 1903, \$56,590. Year ending June 30 1905, gross, \$77,061; net, \$20,916; other income, \$247; charges, \$14,597; bal., sur., \$6,566. Pres., S. F. Parrott, Macon, Ga.; Treas., H. E. Taylor, Gainesville, Fla.—(V. 73, p. 783; V. 81, p. 613.)

**GAINESVILLE MIDLAND RY.**—Owns Gainesville, Ga., to Jefferson, and Belmont to Monroe, 55 miles; to be standard-gauged. Extension from Jefferson to Athens, Ga., 19 miles, is to be completed September 1906. Successor to a portion of the Gainesville Jefferson & Southern Ry., foreclosed July 5 1904. V. 79, p. 151, 269, 500, 627. Stockholders on Oct. 30 1905 authorized an increase in stock from \$250,000 to \$550,000. Of the 1st 5s of 1905 (\$1,000,000 authorized), \$14,000 is reserved to retire old 6s and \$325,000 for extensions. V. 81, p. 1848. The Savannah Trust Co. is mortgage trustee. V. 81, p. 1375, 1550. Year ending June 30 1905, gross, \$88,260; net, \$13,339; total deductions, \$13,287; bal., sur., \$52. Pres. Geo. J. Baldwin; Sec., F. J. Croban.—(V. 81, p. 1848.)

**GALVESTON HARRISBURG & SAN ANTONIO RY.**—(See Map South. Pacific.)—Owns Galveston via Houston, Tex., to east bank of Rio Grande River, 833 miles; Beeville to Rosenberg, 147 miles; Port Lavaca to Cuero, 55

miles; Stockdale to Cuero, 47 miles, completed July 1906; branches, 195 miles; total, 1,277 miles. Operated by Southern Pacific Co., which owns \$27,054,400 of the \$27,084,372 stock (par, \$100). A consolidation in Aug. 1905 with the New York Texas & Mexican, Gulf Western Texas & Pacific, San Antonio & Gulf, Galveston Houston & Northern and Gonzales Branch RR. V. 79, p. 2642; V. 80, p. 1424; V. 81, p. 211, 668, 1242. Stock is to be increased and new mortgage made.

**BONDS.**—First mort. has a sinking fund of 1 %, but it is optional with holders to surrender their bonds if drawn. Western Div. 2ds (\$6,354,000) by agreement are treated as income bonds. V. 58, p. 719. Equipment bonds, \$1,558,000 6s, owned by So. Pac. V. 76, p. 1300; V. 77, p. 2160. South'n Pacific Co. also owns \$842,000 Matagorda Div. 1st M. 6s of the old N. Y. Tex. & Mex. Ry., \$2,224,000 Gulf West Tex. & Pac. 1st mtge. 5s and \$6,354,000 West. Div. M. & P. Ext. 2nd mtge. 6s.

On June 30 1905 there was due the Texas & New Orleans RR. \$2,737,439. School fund claims, V. 64, p. 1137; V. 66, p. 471; V. 70, p. 686.

Year 1904-05, gross, \$8,966,030; net, incl. other income, \$1,893,053; charges, \$2,222,990; bal., def., \$329,837.—(V. 81, p. 668, 1242)

**GALVESTON HOUSTON & HENDERSON RR. OF 1882.**—Owns from Galveston, Tex., to Houston, Tex., 50 miles.

**ORGANIZATION.**—The M. K. & T. and International & Great North. have had trackage rights since Dec. 1895 under a contract providing for payment to mtge. trustee of \$100,000 yearly to meet interest on G. H. & H. bonds and an additional rental of \$24,000 per annum for dividends or other purposes—see V. 61, p. 1064; V. 63, p. 697. M. K. & T. owns 4,999 shares of G. H. & H. stock—see V. 61, p. 1013.

Stock, \$1,000,000; par, \$100. Dividends paid in May, 1904, 4 %; May 1905, 4 %. For year ending Dec. 31 1905, gross, including \$124,000 for trackage, as above, \$417,703; net, \$196,275; other income, \$3,011; int., \$100,000; divs., 4 %, \$40,000; real estate and improvements, \$101,386; bal., def., \$42,100.—(V. 65, p. 1114.)

**GAL. HOUS. & NORTH. RY.**—See Gal. Harrisb. & San An.

**GENESEE & WYOMING RR.**—Retsof, N. Y., to Pittsburgh & Lehigh Jct., 11 miles; Retsof Jct. to Greigville, 4 m.; branch, 2 m.; total, 16 miles. Stock, \$500,000; par of shares, \$100. Dividends from Oct. 1899 to 1902 incl. 5 % yearly; 1903, 8 %; 1904, 8 %; 1905, 4 % (A. & O.); 1906, April, 2 %. Year 1905-06, gross, \$160,015; net, \$45,028; int., \$25,000; divs. (4 %), \$20,000; balance, \$28. Pres., E. L. Fuller, Scranton, Pa.; Treas., Mortimer B. Fuller; Sec., H. D. Fuller, 170 Broadway, N. Y.—(V. 76, p. 1248.)

**GEORGIA COAST & PIEDMONT RR.**—Extends from Darien to Collins, Ga., 85 miles; completed in July 1906. A consolidation of the Darien & Western, the Reidsville & Southeastern and the Collins & Reidsville. Stock authorized, \$1,000,000. Bonds, see table above. V. 82, p. 804. Pres., Donald Mackay.—(V. 82, p. 804.)

**GEORGIA FLORIDA & ALABAMA RY.**—Owns Cuthbert, Ga., to Tallahassee, Fla., 107 m.; in Aug 1906 extension was proposed from Cuthbert northerly to Columbus, 64 miles. In June 1906 branch from Havana, Fla., to Quincy, 11 1/2 miles, was opened. In April 1904 the Carrabelle Tallahassee & Ga. RR., Tallahassee, Fla., to Carrabelle, on the Gulf of Mexico, 50 m., with steamer line from Carrabelle to Apalachicola, Fla., was acquired. V. 80, p. 2457; V. 78, p. 1549; V. 79, p. 151; V. 75, p. 29; V. 82, p. 99. Stock, \$350,000; par, \$100. In 1904 a mtge. for \$1,100,000 was filed for extensions, purchase of Car. Tal. & Ga. and immediate refunding of outstanding \$550,000 bonds. V. 79, p. 2085. The stockholders were to vote Sept. 25 1906 on increasing the stock and bonds. V. 83, p. 213.

For year ending June 30 1905 (107 miles), gross, \$250,539; net, \$92,802; total deductions, \$54,578; dividends (4 %), \$14,000; balance, surplus, \$24,224. Pres., J. P. Williams; Sec. and Treas., J. O. Hatch. Office, Savannah, Ga.—(V. 80, p. 2457; V. 83, p. 213.)

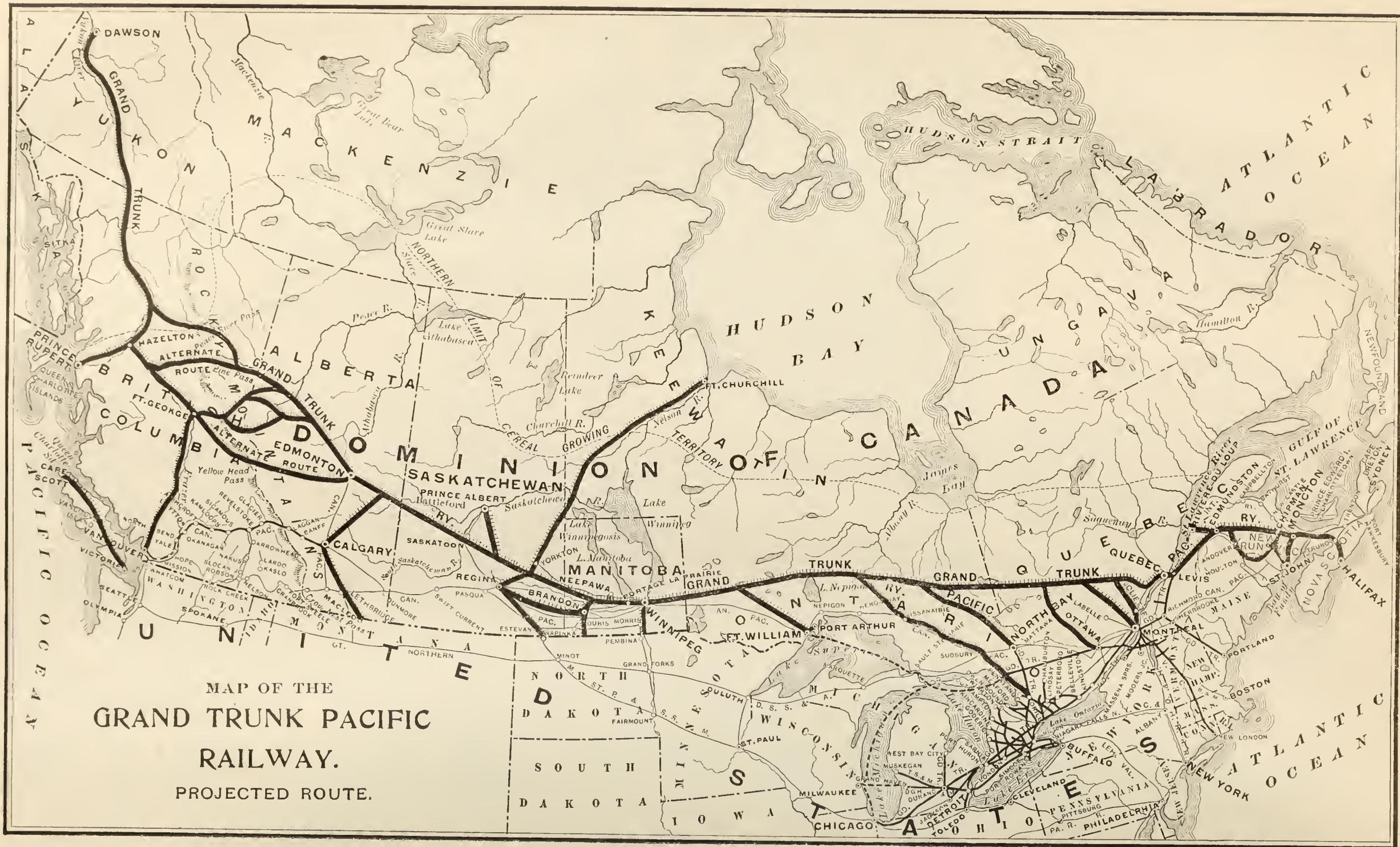
**GEORGIA & FLORIDA RY.**—Projected from Augusta, Ga., to Madison, Fla., with branches, of which 230 miles completed, 130 miles of connecting lines being under construction; total to be 360 miles. A further extension to deep water on Gulf of Mexico was under consideration. A proposed consolidation in 1906 of the Douglas Augusta & Gulf, Millen & Southwestern and other roads, acquired by a syndicate organized by Mldendorf, Williams & Co. and International Trust Co. of Maryland and John L. Williams & Sons of Richmond. V. 82, p. 1211. Stock authorized, \$1,000,000; par of shares, \$100. A bond issue, it was reported, was authorized Sept. 1906. V. 83, p. 687. Pres., John Skelton Williams; Sec., C. T. Williams; Treas., F. E. Nolting; Gen. Mgr., Ceell Gabbett.—(V. 82, p. 1211; V. 83, p. 95, 380, 687.)

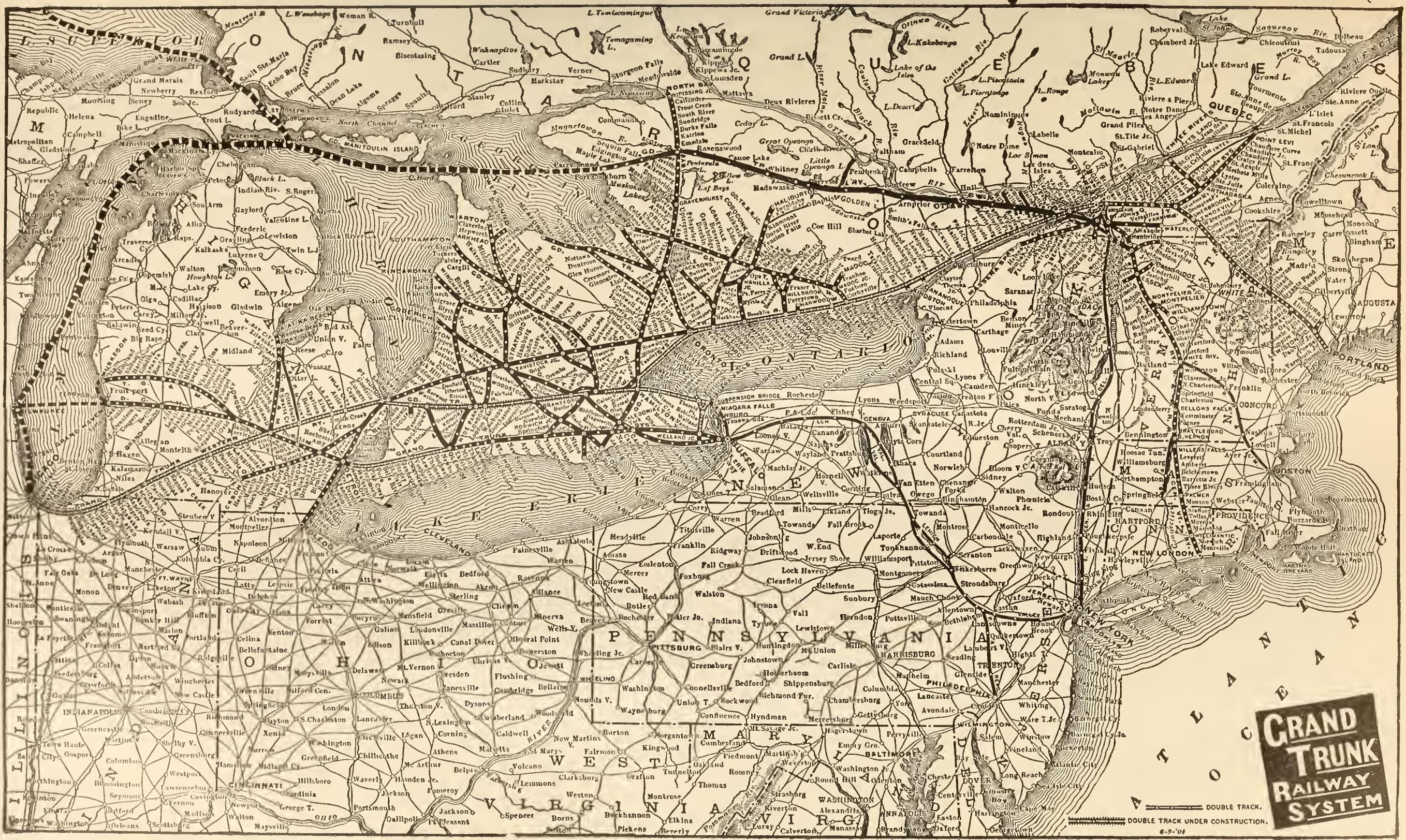
**GEORGIA MIDLAND RY.**—Owns road from Columbus to McDonough, Ga., 98 miles. Leased from July 1 1896, for 99 years to the Southern Railway Co. for \$49,500 annual rental (being interest on the first mortgage bonds, &c.) and \$2,500 for Columbus terminal property. Stock is \$1,000,000, owned by Southern Railway Co.—(V. 63, p. 361; V. 82, p. 751.)

**GEORGIA RAILROAD.**—Under this name are operated the lines leased from the Georgia RR. & Banking Co., which see.—(V. 67, p. 1260.)

**GEORGIA RR. & BANKING CO.**—Owns from Augusta, Ga., to Atlanta, Ga., 171 m.; branches to Washington and Athens, 58 m.; Macon & Augusta RR. (proprietary road), Camak, Ga., to Macon, Ga., 74 m.; trackage, 4 m.; total, 307 miles.

**ORGANIZATION.**—Owns also one-half the stock of the Western Ry. of Ala. (the Cent. of Georgia Ry. owning the other half); also a 47% interest in the Atl. & West Point (which see). Guarantees jointly with Cent. RR. & B. Co. of Ga.) the \$1,543,000 first mtge. 4 1/2 % per cents of West. Ry. of Ala. In April 1881 the railroad (307 miles) and its interest in the other railroad companies were leased for 99 years to W. M. Wadley and associates, for the Cent. of Ga. and the Lou. & Nash., at \$600,000 per year, but in April 1899 the Lou. & Nash. was held to have acquired all rights under the lease; the Atlantic Coast Co. in July 1899 acquired a half interest. V. 68, p. 722; V. 69, p. 385, 591; V. 70, p. 125. Locomotive trusts, \$12,359.





**GRAND TRUNK RAILWAY SYSTEM**

DOUBLE TRACK.

DOUBLE TRACK UNDER CONSTRUCTION.

6-9-04

RAILROADS. For explanation of column headings, &c., see notes on first page of tables.	Miles of Road.	Date of Bonds.	Size, or Par Value.	Amount Outstanding	INTEREST OR DIVIDENDS.			Bonds—Principal, When Due, Stocks—Last Dividend.
					Rate %	When Payable.	Where Payable, and by Whom.	
<b>Georgia Southern &amp; Florida—Common stock</b> -----				\$2,000,000				
First preferred redeemable-----	Text.		\$100	684,000	5 in 1905	M & N	M T & D Co, Balt; & N Y	May 7 '06 2 1/2 %
Second preferred \$1,084,000 5 %-----			100	1,084,000	4 in 1905	M & N	do do	May 7 1906 2 %
First mortgage gold \$4,000,000-----	MeBa.c*	285	1,000	3,801,000	5 g	J & J	do do	July 1 1945
First consol mortgage \$10,000,000 gold-----	N.c.* & r	392	1,000	2,000,000	4 g	J & J	do do	July 1 1952
Equipment trusts \$18,000 due semi-annually-----		1902	1,000	216,000	4 1/2	M & S	Blair & Co, New York	Mar '07-Sep '12
<b>Gettysburg &amp; Harrisburg—South Mt first mortgage</b> -----			1,000	100,000	5	A & O	Reading Office, Phila	April 1 1898
Gettysburg & Harrisburg first mortgage old issue-----		1882	1,000	250,000	6	A & O	Phila & Read Office, Phila	Oct 1 1912
Consolidated mortgage \$565,000 gold (see text)-----		35	1,000	215,000	5	Various	do do	Oct 1 1926
<b>Gila Valley Globe &amp; Northern—1st M gold (text)-----</b>	Mp	125	1,000	1,508,000	5 g	M & N	So Pac Co, 120 B'way, N Y	Nov 1 1924
Goshen & Deckerstown—1st & 2d M (\$60,000 are 2ds)-----		12	500 & c	246,500	6	Various	N Bk Or Co, Goshen, N Y	1928-1929
Gouverneur & Oswegatchie—1st M gold gu p & i. Un.c-----		13	1,000	300,000	5 g	J & D	Grand Cent Station, N Y	June 1 1942
Grand Rapids Belding & Saginaw—1st M (text) gold-----		28	1,000	260,000	5 g	M & S	International Tr Co, Bost	Mar 1 1924
<b>Grand Rapids &amp; Indiana Ry—Stock \$6,000,000</b> -----			100	5,791,700	3 in 1906	A & O	Office Grand Rap, Mich	Oct 25 '06 1 1/2 %
First M mostly land grant gold extended in 1899-----	c*	335	1,000	920,000	3 1/2 g	J & J	Winslow, Lan & Co, N Y	July 1 1941
First M extended gold guaranteed by Penn RR-----	c*	335	1,000	4,455,000	4 1/2 g	J & J	do do	July 1 1941
Second mortgage \$5,000,000 gold-----	c*	387	1,000	4,400,000	4 g	A & O	Philadelphia, Pa.	Oct 1 1936
<b>Gr Trunk Pac—Com (to be owned by Gr Tr) \$25,000,000</b> -----			100	See text.				
Debtenture stock \$25,000,000-----				See text.				
First M 1/2 guar Can Gov't (text)-----	c & r	1,700	1905	£100 & c	3 \$ or £	J & J	Bank of Mont, Lond & N Y	Jan 1 1962
Prairie Section M (Ser A) £2,100,000 guar p & i-----	c	1,200	1905	£100 & c	4	A & O	Co's Office, London, or	April 1 1955
Mountain Sec M (Ser B) £2,050,000 by Grand-----		500	1905	£100 & c	4	A & O	Bank of Montreal,	April 1 1955
Lake Sup Division 1st M \$1,540,000-----	Trunk.	220	1905	£100 & c	4	A & O	New York	April 1 1955
<b>Grand Trunk Ry—Consolidated stock £23,318,309</b> -----		1882	£100	£22,475,985				None ever paid
4 % guaranteed stock non-cumulative £10,000,000-----		1884	£100	7,929,315	4 in 1906	A & O	Check from Co's Office	Oct 1906 2 %
First preference 5 % stock £3,420,000-----		'73-'74	£100	3,420,000	5 for '06	A & O	do do	Oct '06 2 1/2 %
Second preference stock £2,530,000-----		'73-'74	£100	2,530,000	5 for '06	A & O	do do	Oct '06 2 1/2 %
Third preference 4 % stock £7,168,055-----			£100	7,168,055	See text.	Yearly	do do	Apr 20 '06 2 %
Debtenture stock £4,270,575-----		1874	£100	4,270,375	5	J & J 14		Irredeemable
Consolidated debtenture stock (collat trust) cum-----		1874	£100	15,135,981	4	Q—J		Irredeemable
Second equipment M (subject to 1st M in trust)-----	c	1869	£100	373,000	6	J & J		July 1 1919
Great Western perpetual debtenture stock-----		836 1/2	Var.	2,723,080	5	F & A	Glyn, Mills, Currie &	Irredeemable
Northern Ry third preference A & B bonds-----	c	490 3/4	1868	14,600	6	A & O	Co, London	Irredeemable
Debtenture stock 4 % perpetual £425,850-----		1884		347,990	4	F & A		Irredeemable
Midland of Canada 1st M sectional £525,000-----	c	455	£100	426,200	5	M & N		May 1 1908
Consolidated first mortgage £3,164,700-----	c	1882	£100	1,016,500	5	J & J		Jan 1 1912
New England Elev 1st M g, gu due \$10,000 yrly-----		1901	1,000	350,000	3 3/4 g	J & J		July 1907-1941
Montreal Warehousing 1st M \$1,000,000 gold guar-----		1906	\$ & £	1,000,000	4	A & O	Montreal or London	April 1 1936

Dec. 31 1892 the banking department was turned over to "Georgia Railroad Bank," a majority (\$198,200) of whose stock is owned.

DIVIDENDS.—'81 } 9 1/2 %	'82 } 10 1/4 %	'83 to '87 } 10 yearly	'88 } 10 3/4 %	'89 to Oct. 1906 } 11 yearly
EARNINGS.—307 miles.—1906—Gross, \$454,441; net, \$94,826				
July 1 to Aug. 31—2 mos.—1905—Gross, 418,334; net, 110,191				

Railroad earnings for year ending June 30 1906, gross, \$2,482,497; net, \$778,682; div. received, \$16,823; rental to Ga. RR. & B. Co., \$600,000; Macon terminals, \$50,000; other payments, \$18,724; balance, surplus, \$126,781.—(V. 82, p. 333.)

**GEORGIA SOUTHERN & FLORIDA RY.—(See Map of Southern Ry.)**—Owens from Macon, Ga., to Palatka, Fla., 285 miles; on Nov. 1 1902 purchased Atl. V. & W. Ry., Valdosta, Ga., to Jacksonville, Fla., 107 miles; trackage into Jacksonville, 3 m.; total, 395 miles. Also owns one-eighth of stock of Jacksonville Terminal Co. V. 77, p. 626.

**HISTORY.**—A reorganization of the Georgia S. & F. Railroad, sold in foreclosure April 2 1895. (Per plan in V. 60, p. 928; see also V. 59, p. 551.) Macon & Birmingham Ry., La Grange to Macon, Ga., 105 m., is owned by same interests, but operated independently. V. 78, p. 702. In Oct. 1903 an interest in the stock of the Hawkinsville & Florida Southern Ry., Worth to Hawkinsville, Ga., 44 m., was purchased, \$310,000 first mortgage 5 % bonds being guaranteed, prin. and interest. V. 79, p. 2585.

**DIVIDENDS.**—On 1st pref., '96, 4%; '97 to May 1906, 5% yearly. On 2d pref., in '97, 2%; '98, 3%; '99, 3% 1900 to May 1906, 4% yearly.

**BONDS.**—First mort. of 1895 (Abstract, V. 61, p. 429) provides that the \$684,000 1st pref. stock shall be a lien second only to the bonds and coupons. The 1st consol. 4s of 1902 are for the authorized amount of \$10,000,000, of which \$4,684,000 are issuable to retire the \$4,000,000 5s and \$684,000 1st pref. stock, and \$3,316,000 are reserved for future requirements. V. 75, p. 980.

**LATEST EARNINGS.**—1906—Gross, \$339,273; net, \$52,992

**ANNUAL REPORT.**—Fiscal year ends June 30. Report for 1904-05 was in V. 81, p. 1432. In 1905-06, gross, \$1,944,945; net, \$425,286. In 1904-05, gross, \$1,714,702; net, \$402,317; other income, \$17,593; interest on bonds, &c., \$284,233; div. on stock, \$77,560; bal., sur., \$58,117. Pres., Samuel Spencer, N. Y.—(V. 81, p. 1432.)

**GETTYSBURG & HARRISBURG RY.**—Carlisle to Gettysburg, Pa., 31 m.; branch to Round Top, Pa., 3 m. The Reading Co. owns \$540,700 of the \$600,000 capital stock, \$535,000 of which deposited as part security for its gen. mort. of 1896. The consol. 5s of 1891 were guaranteed by Philadelphia & Reading RR. (foreclosed company).

**GILA VALLEY GLOBE & NORTHERN RY.**—Bowler, Ariz., to Globe 125 miles. Stock, \$2,000,000, of which Southern Pacific Co. owns \$1,997,000. V. 71, p. 1314. Par, \$100. The bonds, limited to \$15,000 per mile (\$1,508,000 outstanding), are guaranteed, principal and interest, by Southern Pacific Co. V. 69, p. 27; guaranty in V. 68 p. 232.

**DIVIDEND.**—Dividend, 1901, 4%; 1902, Jan., 4%; in 1904-05, 20%. Year ending June 30 1904, in V. 79, p. 1460. In 1904-05, gross, \$694,701; net, \$179,083; int., \$75,400; bal., sur., \$103,683.—(V. 79, p. 1460.)

**GOVERNEUR & OSWEGATCHIE RR.**—Owens from Gouverneur to Edwards, N. Y., 13 miles. Stock, \$350,000, all owned by N. Y. Cent.—which guarantees the bonds. See V. 55, p. 810 and V. 56, p. 501.

**GRAND RAPIDS BELDING & SAGINAW RR.**—Freeport to Belding Mich., 28 miles. Mtge. is for \$260,000 on 28 miles and \$9,000 per mile for additional construction. Leased for 30 years from Jan. 1 1900 to Pere Marquette RR. (which owns all the capital stock), rental covering interest.—(V. 70, p. 39.)

**GRAND RAPIDS & INDIANA RY.**—(See Map of Pennsylvania RR.)—Owens from Fort Wayne, Ind., to Mackinaw City, 367 m.; branches, 55 m.; total owned, 422 miles; operates the following roads, but has not assumed the old company's leases thereof; Clin. Richmond & Ft. Wayne RR., 86 m.; Traverse City RR. (nearly all the stock and all the income bonds owned) 26 m.; Muskegon Grand Rapids & Indiana RR., 41 m.; trackage, 7 m. Traverse City Leclanau & Manistique RR., Traverse City to Northport, Mich., 30 miles; see V. 74, p. 777; V. 76, p. 811; V. 82, p. 988, 1098.

**HISTORY.**—Successor Aug. 1 1896 of Grand Rapids & Indiana Railroad foreclosed under second mtge. per plan in V. 63, p. 153.

**STOCK.**—Stock, \$6,000,000, of which Pennsylvania interests are supposed to own all or nearly all. Penn. Co. on Jan. 1 1906 owned \$2,902,600.

**DIVIDENDS.**—1900, 1%; 1901, 2%; 1902 to Oct. 1906, 3% (yearly).

**BONDS.**—The 1st mtge. bonds extended at 4 1/2 % are endorsed with the guaranty of the Penn. RR. Co. to purchase the coupons as they mature, and the bond itself at maturity. They have no lien on land grant. See guaranty, V. 56, p. 649; V. 69, p. 1193. Of the 2ds \$3,687,000 were owned Jan. 1 1906 by Penn. RR.

**REPORT.**—Report for 1905 was in V. 82, p. 1098. In 1905 carried 2,711,469 tons freight, of which 43 % was lumber, &c., and 14 % coal.

Year ending Dec. 31.	1905.	1904.	1903.	1902.
Miles operated	424	415	430	430
Gross income	\$3,609,833	\$3,302,347	\$3,401,654	\$3,196,738
Net over exp. & taxes	698,839	621,859	608,833	784,470
Interest charges for 1905, \$394,023; other deductions, \$46,228; dividends (3%), \$173,730; balance, surplus, \$84,858.—(V. 82 p. 751, 1098.)				

**GRAND TRUNK PACIFIC RY.**—(See Map.)—This new trans-continental railway across Canada has received the approval of the Canadian Government, and will be carried through with the joint financial support of the Government and the Grand Trunk Co. Ry. of Canada. It will consist of a main line of an estimated length of about 3,550 miles from Moncton, New Brunswick, to a point near Kal-En on the Pacific Ocean, about 25 miles south of Port Simpson, B. C., with branch, 203 miles, viz.

1. **Leased Line, to be Built by Canadian Government**—Miles. Eastern Div., Moncton, N.B., via Quebec to Winnipeg, about 1,800 (To be leased for 50 years to Grand Trunk Pac. Ry. Co.—for first 7 years at cost of operating only and for remaining 43 years at 3 % on cost of construction, but subject to provisions in V. 80, p. 997.)
2. **Western Division, to be Built and Owned by Company**—  
a. Prairie Section, Winnipeg to Rocky Mountains, about 1,336  
b. Mountain Division, Rocky Mountains to Pacific Ocean, about 418
3. **Lake Superior Branch, to be Built and Owned by Company**—Thunder Bay on Lake Superior to junction with Eastern Division east of Winnipeg 203

Total of all, not including sundry proposed branches 3,757  
In April 1906 1,337 miles were under contract. V. 82, p. 928, 983.

**ORGANIZATION.**—Incorporated by Canadian Legislature in 1904. See full statement as to enterprise in V. 80, p. 996; V. 81, p. 1315. In Feb. 1906 it was proposed to apply for leave to incorporate the Grand Trunk Pacific Branch Lines Co. to build branch lines and to guarantee bonds to be issued thereby. V. 82, p. 333.

**STOCK.**—Authorized, \$45,000,000 (par of shares, \$100 each), of which the \$25,000,000 common will be owned by the Grand Trunk Ry. In June 1906 \$25,000,000 sterling debtenture stock was authorized, of which \$15,000,000 to be issued shortly for rolling stock and other purposes. V. 82, p. 568, 1102; V. 83, p. 155.

**BONDS.**—On condition that the Grand Trunk Ry. Co. of Canada guarantee 2d mtge. bonds to provide the balance for the construction of the Western Division of the line, the Canadian Government undertakes to guarantee 1st mtge. bonds bearing interest at 3 % for an amount up to 75 % of the cost of construction of that division, such amount (a) in the case of the Prairie Section not to exceed \$13,000 per mile, or £3,210,000 in all, and (b) three-quarters of whatever the cost per mile may be from the mountains to Pac. Coast, called Mountain Section. (V. 80, p. 996, 1234; 1363; V. 81, p. 613) Series "A" (Prairie Section) bonds, total issue limited to £2,100,000, and Series "B" (Mountain Section) bonds, not to exceed £2,050,000, are secured by a 2d mtge. (National Trust Co., Toronto, trustee) on the railway, equipment and tools of the Co., including its leasehold interest in the Eastern Division, but not branch lines exceeding 6 miles in length, shmps, grants of lands (other than for railway purposes) and the rolling stock of the East. Div. or of the above-mentioned branch lines of over 6 miles. These bonds are unconditionally guaranteed as to principal and interest by endorsement on each by the Grand Trunk Ry. Co. See form in V. 80, p. 906.

Although the mortgage to secure the 3 % bonds guaranteed by the Government will rank before the mort. to secure the bonds guaranteed by the Grand Trunk Ry. of Canada, yet an agreement schedule to an Act of 1904 provides to the effect that in the event of default by the company for 5 years in payment of the int. on the 3 % bonds, the remedy of the Government shall be to put in a manager to operate the Western Div. and to collect and distribute net earnings *pari passu* between the holders of the bonds guaranteed by the Government and the holders of the bonds guaranteed by the Grand Trunk Ry. Co. in the proportion of 75 % of such earnings to the holders of the Government bonds and 25 % to the holders of the bonds of this division guaranteed by the Grand Trunk Ry. Co.

The mortgage deed to secure the ser. A and ser. B bonds will provide that separate accounts shall be kept of the tolls, earnings, incomes, rents and profits of the Prairie Section and the Mountain Section, and that in the event of the trustee exercising the right of entry or sale thereby given in case of default by the co., the moneys arising from each particular section and available for the purpose shall, subject to the payment of the working expenditure of the section, be applied first in payment of any interest or principal due on the bonds issued in respect of such section.

Lake Superior branch bonds, total issue limited to £1,550,000, are to be secured by a first mortgage on all the 220-mile Lake Superior Div. and are guaranteed prin. and int. by Grand Trunk Ry. Co. (V. 80, p. 996.)

**GENERAL FINANCES.**—In Feb. 1905 Speyer Bros. in London, &c., offered at 99 1/2 % £3,004,000 4 % (2d) mortgage sterling bonds due 1955, viz., £1,646,000 ser. A (Prairie Section) bonds and £1,358,000 Lake Superior branch bonds, all guar. by the Grand Trunk Ry. Co. (See V. 80, p. 996.) In Feb. 1905 N. M. Rothschild & Sons offered at 95 % £3,200,000 1st mtge. 3 % sterling bonds guar. by the Canadian Government (V. 80, p. 1234, 1363; V. 81, p. 507.) The Prairie Section running through the great wheat belt is expected to be completed in 1910 and Lake Superior branch in 1908.

**OFFICERS.**—Pres., Charles M. Hays, Montreal, Can.; Sec., Henry Phillips; Treas., Frank Scott.—(V. 82, p. 928, 1040, 1102; V. 83, p. 155.)

**GRAND TRUNK RY. OF CANADA.**—(See Map.)—Quebec, Can., via Montreal, to Chic., Ill.; also to Portland, Buffalo, Detroit, Toledo, &c.

SYSTEM PROPER.	Miles.	REPORTED SEPARATELY.	Miles.
Lines owned-----	2,951	Majority stock owned.	
Leased—partly owned.		Central Vermont*-----	531
Atlantic & St. Lawrence, Port-		Grand Trunk Western*-----	336
land, Me., to Island Pond, Vt.	165	Entire stock owned.	
Buffalo & Lake Huron-----	164	Detroit Grand Haven & MH*-----	189
Cincin. Sag. & Mackinaw*-----	53	Tol. Sag. & Muskegon-----	96
Other lines-----	202	Jointly owned.	
		Detroit & Toledo Shore Line---	79
Total in earnings-----	3,535	Total road-----	4,766

\*See separate statement this Co.  
Car ferry, Grand Haven to Milwaukee, opened Sept. 15 1903. Proposed Ontario car ferry, see V. 81, p. 1790.

**ORGANIZATION.**—A consolidation in Aug. 1882. As to Grand Trunk Pacific Ry., see that company above. V. 70, p. 2587. The company on Sept. 30 1905 began operating Canada Atlantic Ry. and guar., prin. and int., \$16,000,000 4 % 50 year gold bonds, of which \$2,000,000 will be reserved for future capital requirements, and remainder will replace all other debt, by maturity. V. 79, p. 967, 1331, 1641, 2455, 2620.

RAILROADS.	Miles of Road.	Date of Bonds.	Size, or Par Value.	Amount Outstanding	INTEREST OR DIVIDENDS.			Bonds—Princpal, When Due. Stocks—Last Dividend.
					Rate %	When Payable.	Where Payable, and by Whom.	
<b>Grand Trunk Western</b> —Northwest Grand Trunk 1st M	66	1880	\$500	\$563,000	6	J & J	Nat Bk of Commerce, NY	Jan 1 1910
1st M \$15,000,000 Int guar gold \$ (cur) & £	326.5	1900	£100	14,437,000	4 g	J & J	Bank Montreal, Lon & NY	July 1 1956
2d M income gold \$1,500,000 redeem (text)	326.5	1900	\$500	1,500,000	Upto 4%	July	4% paid 1905-1906	July 1 1956
<b>Great Northern</b> —Stock \$150,000,000	---	---	100	149,563,690	7 In 1906	Q-F	Office, 32 Nassau St, N Y	Nov 1 '06 1 3/4%
St Paul Minn & Man—Stock originally \$20,000,000	---	---	100	c347,000	6	Q-F	do do	Aug 1 '06 1 1/2%
St P M & M 2d (now 1st M) g (does not cover l'ds) c	624	1879	1,000	6,461,000	6 g	A & O	New York and London	Oct 1 1910
Dakota Extension first mortgage gold	1,221	1880	1,000	4,898,000	6 g	M & N	32 Nassau St, New York	Nov 1 1910
Consol M for (now 1st M on lands) gold	2,655	1883	1,000	13,344,000	6 g	J & J	do do	July 1 1933
\$50,000,000	2,655	1883	1,000	19,250,000	4 1/2 g	J & J	do do	July 1 1933
Montana Exten 1st M (\$25,000 p m) g	420	1887	1,000	a10,185,000	4 g	J & D	do do	June 1 1937
Pacific Extension M £6,000,000 gold	818	1890	£100 & c	b£4,000,000	4 g	J & J	N Y & Lond, Barling Bros	July 1 1940
C B & Q col tr M g (sub to call aft Jan '06 at 105) S c & r	---	1901	\$1,000 & c	215225200	4 g	J & J	New York, etc.	July 1 1921
do do do registered	---	1901	1,000 & c	---	4 g	Q-J	do do	July 1 1921
Minn Un RR 1st M gold guaranteed	3	1882	1,000	2,150,000	6 g	J & J	32 Nassau St, New York	July 1 1922
do do do	3	1882	1,000	650,000	5 g	J & J	do do	July 1 1922
East of Minn 1st M (\$50,000 p m) g guar	72	1888	1,000 & c	4,700,000	5 g	A & O	32 Nassau, NY; Lee, H, Bo	April 1 1908
Northern Div M \$15,000,000 gold guar	299	1898	1,000 & c	d5,000,000	4 g	A & O	do do	1928-1948
Mont Cent 1st M g (\$6,000,000 are 6s) guar	260	1887	1,000 & c	10,000,000	5 & 6 g	J & J	32 Nassau St, New York	July 1 1937
Willmar & Sloux Falls 1st M g g up & l (end) Ce. c & r	205	1888	1,000	3,646,000	5 g	J & D	do do	June 1 1938
Minneapolis Western first mortgage gold guar	2	1891	1,000	500,000	5 g	J & J	N Y & Lond, Barling Bros	July 1 1911
Spokane Falls & Northern first mortgage gold	132	1889	1,000	e2,812,000	6	J & J	Chase National Bk, N Y	July 1 1939
Gt Nor Ry of Can—See Canadian Northern Que. Ry.	---	---	---	---	---	---	---	---
<b>Green Bay &amp; Western RR</b> —Stock (see text)	---	---	100	2,500,000	5 Feb '06	Feb	Office, 40 Wall St, N Y	Feb 1 1906 5%
Debtentures Class A incomes text non-cum	---	1896	1,000	600,000	5 Feb '06	Feb	do do	Feb 1 1906 5%
Class B incomes after stock non-cumulative	---	1896	1,000	7,000,000	---	---	do do	---
<b>Greene RR (N Y)</b> —Stock	---	---	100	200,000	6	J & D	D L & W Off, '26 Exch Pl	June 19 '06 3%
Greenwich & Johnsonville—1st M \$500,000 gold	21	1904	1,000	400,000	4 g	J & J	Standard Trust Co, N Y	Jan 1 1924
Guay & Q—1st M \$12,282,000 gold guar (text)	---	1899	1,000	12,282,000	6 g	J & J	U S M & Tr Co, NY; & Lon	Jan 2 1932
Gulf Beaumont & K C—1st M \$10,000 p m gold	62	1893	500	740,500	6 g	F & A	5 Nassau St, New York	Aug 1 1913
2nd M \$10,000 p m (\$176,000 are 6s)	62	1893	500	750,000	5 & 6 g	F & A	do do	Aug 1 1913
Gulf B & Gt Nor gold p & l guar end (text)	77	1900	1,000	781,000	5 g	J & J	do do	July 1 1930
Gulf & Ship Island—Stock \$6,000,000 authorized	---	---	100	6,000,000	See text.	Q-J	Buffalo, N Y	Oct 15 '06 1%
First refund & terminal M gold sink fund	280	1902	1,000 & c	f4,984,000	5 g	J & J	Flsk & Roblnson, N Y	Feb 1 1952
Hancock & Calumet—See Mineral Range RR.	---	---	---	---	---	---	---	---
a \$11,502,000 additional pledged for Pacific Extensio	n bonds.	c	All excep	t \$347,000 o	ld 5s of 1	896 rema	In outstanding.	000 additional held by Gr
d Subject to call after April 1928. e Only \$232,000	in hands of	public.	---	---	wned.	b £2,000	---	eat Northern.

**STOCK, &c.**—The authorized capital on Dec. 30 1905 was £46,436,364 stock (£42,623,355 issued and £3,813,009 unissued); advances from the Canadian Government in aid of construction amount to £3,111,500. Perpetual consol. 4% debenture stock authorized by Act of 1882, and later Acts, has been issued from time to time to acquire securities of companies consolidated and controlled, amounting Dec. 31 1905 to £8,395,088, and bearing an annual interest of £434,619. V. 71, p. 84. Guar. stock, £750,000, was subscribed in 1903 and £500,000 in 1904; V. 78, p. 1962. In 1906 £1,000,000 was offered. V. 82, p. 692. In Feb. 1906 it was proposed to apply for authority to guarantee Toronto Union Station Co. bonds. V. 82, p. 452. Montreal Warehousing guaranteed bonds. V. 83, p. 37.

DIVIDENDS—	For '98	'99	'00	'01	'02	'03	'04	'05
Guar. 4% stock	2	4	4	4	4	4	4	4
1st preferred	3	5	5	5	5	5	5	5
2d preferred	0	3 1/4	3	4	5	5	5	5
3d preferred	0	0	0	0	1	2	0	2

In April 1905 full dividends for entire year 1904 were paid on first and second preferred stocks. V. 80, p. 871.

**EARNINGS.**—2 mos., } 1906 ----- Gross, \$5,728,356; net, \$1,738,800  
 July 1 to Aug. 31. } 1905 ----- Gross, 5,185,741; net, 1,660,449  
 For 6 mos ending June 30 1906, gross, £3,021,681; net, £836,860, against £805,570; net, charges, £496,702; advances, £30,296; div. (2%) on guaranteed stock, £149,271; on 1st pref. stock (2 1/2%), £85,420; on 2d pref. stock (2 1/2%), £63,210; adding £4,517 on hand Dec. 31 1905, leaves balance to carry forward June 30 1906, about £16,077.

**REPORT.**—Statement for 1905 was in V. 82, p. 983.

Years ending Dec. 31.	1905.	1904.	1903.
Gross earnings	£6,018,001	£5,689,130	£5,916,548
Transportation expenses	4,269,153	4,100,660	4,209,115
Net earnings	£1,748,848	£1,588,470	£1,707,433
Total net income	£1,951,232	£1,787,232	£1,891,170
Rentals	155,206	155,206	155,206
Interest on bonds and deb. stock	1,071,144	1,070,505	1,068,690
Advances to controlled roads	11,070	4,807	13,901
Dividend on guaranteed stock	(4)275,358	(4)255,532	(4)214,160
Do on 1st preferred stock	(5)170,842	(5)170,842	(5)170,842
Do on 2d preferred stock	(5)126,420	(5)126,420	(5)126,420
Do on 3d preferred stock	(2)143,293	---	(2)143,293
Balance	def. £2,101	sur. £3,920	def. £1,342

**OFFICERS.**—Pres., Sir C. Rivers Wilson, London; 2d V.-P. and Gen. Man. Chas. M. Hays.—(V. 82, p. 1040, 1437; V. 83, p. 37, 890.)

**GRAND TRUNK WESTERN RY.**—(See Map Grand Trunk Ry.)—Owns from Port Huron, Mich., to Chic. & West. Ind. RR., 330 m., and trackage Chic. & West. Ind., 5 m.; total, 335 m. Stock, \$6,000,000, all owned by Gr. Trunk. Successor (V. 69, p. 954; V. 71, p. 28) of Chi. & Gr. Tr. foreclosed.

**BONDS.**—The Grand Trunk unconditionally guarantees the interest on the new 4s. Of the 4s, \$563,000 are reserved for Northw. Gr. Trunk 6s. The new incomes are subject to call at 85 and any Int. then due, within the first 10 years. Int. on incomes, 1% paid on July coupons in 1902 to 1905, incl.; 4% in 1906. V. 83, p. 687. Jointly with Toledo St. Louis & Western guarantees Detroit & Toledo Shore Line bonds. V. 76, p. 653.

**EARNINGS.**—2 mos., } 1906 ----- Gross, \$1,020,506; net, \$151,836  
 July 1 to Aug. 31. } 1905 ----- Gross, 885,215; net, 124,582  
 Year ending June 30 1906, gross, \$5,350,926; net, \$907,531; charges, \$814,661; 4% on incomes, \$60,000; repayment lit. advanced by Grand Trunk Ry. at June 30 1901, \$30,278; sur., \$2,592. (V. 83, p. 687.)

**GREAT NORTHERN RY.**—(See Maps.)—In Feb. 1890 leased the St. Paul Minneapolis & Manitoba for 999 years, assuming its funded debt and guaranteeing 6% per annum in gold on its \$20,000,000 stock. In 1905 only \$353,500 of Manitoba stock had not been exchanged for Great Northern stock. (V. 68, p. 129; V. 67, p. 1356; V. 67, p. 370, 788, 842.)

Lines leased and operated—	Miles.	Owned, unbonded—	Miles.
St. Paul Minn. & Man. Ry.,	---	Seattle & Montana RR.—	---
St. Paul to Lowell, Wash.	1,799	Seattle to Westminster	143
Branches in Minnesota, the Dakotas and Montana.	2,096	Anacortes to Rockport, Wash., &c.	70
<b>Eastern Ry. of Minnesota</b> —	---	Total operated directly	5,032
Fosston to Cass Lake	60	Stock owned—oper. separately—	---
Hinckley to Duluth	72	Willmar & Sloux Falls	---
Hinckley to Fridley	65	Willmar to Yankton, S. D.	205
New Dul. to Cass Lake	140	Garretson, S. D., to Sloux	---
Mississ., Minn., to Hibbing	49	Clty. Ia., and O'Neill, Neb.	228
Brook Pk. to Coon Creek	---	Duluth Watertown & Pacific	---
June, &c.	109	Watertown to Huron, Dak.	70
<b>Park Rap. &amp; Leech Lake Ry.</b> —	---	Minneapolis Un. Ry., &c.	8
Park Rapids to Cass Lake	49	Montana Central	---
<b>Dakota &amp; Great Northern Ry.</b> —	---	Great Falls to Butte, &c.	249
Gra'v. to Sherwood, N.D., &c.	143	Spokane Falls & Northern	208
Duluth Terminal Ry.	2	Washington & Gt. Nor. Ry.	---
Duluth Sup. & West. Term.	5	Marcus, Wash., to Republic, &c. (V. 73, p. 904, 184)	69
<b>Minn. &amp; Gt. Northern Ry.</b> —	---	Vancouver Victoria & Eastern Ry. & Navigation	---
Thief Riv. Falls to Greenbush, Minn.	41	Grand Forks, B.C., to Phoenix, B. C., &c.	46
<b>Montana &amp; Great Nor. Ry.</b> —	---	Total road, July 1905	6,110
(V. 73, p. 904, 184.)	---	2d, &c., tracks and sidings	1,380
Rexford, Mont., to Gateway	9		
<b>St. Falls, Mont., to Sweetgrass</b>	134		

During 1904-05 121 m. of extensions were completed and on June 30 1905 336 m. additional were projected. As to Portland & Seattle Ry., 228 m., to be built jointly with No. Pac., V. 81 p. 1100. In April 1906 Canadian lines were proposed by allied interests from Winnipeg westward to Vancouver, aggregating about 1300 miles, to be completed in about 2 years.

V. 81, p. 669. V. 82, p. 928, 1156, 1268. In June 1906 extension from Sioux City, Ia., to Ashland, Neb., 103 miles, was completed, being operated by Chic. Burl. & Quincy.

**LANDS.**—Sales for year 1904-05 were 3,940 acres for \$44,918 and 52 town lots for \$3,065. The net amount due on land contracts June 30 1906 was \$1,428,841; lands unsold, 810,637 acres, to be reduced about 650,000 acres by a final adjustment with U. S.

**STOCK.**—In Oct. 1905 the authorized stock was increased from \$125,000,000 to \$150,000,000. See "General Finances" below. The Union Pac. system on June 30 1905 owned \$18,665,259 stock, \$1,732,361 being pledged under the Oregon Short Line refunding mortgage. V. 81, p. 1665.

**DIVID'S.** '92 to '96 (inclus.) '97. '98. '99. '00. '01. 1902 to Nov '06. Gt. North. } 5% yearly. 5 1/2 6 1/2 7 7 1/2 7% yearly. Q-F. Also in 1898 50% in Seattle & Mont. stock, which was then exchanged for 40% in Gt. Nor. pref. V. 66, p. 1044, 1188; V. 74, p. 829.

**BONDS.**—St. P. Min. & Man. consol. mtge. of 1883 is for \$50,000,000, of which bonds are reserved to pay prior liens. It is a first lien on the land grant and on 670 m. of railway in Minn. and a second lien on the remaining 1,873 miles in Minn. and the Dakotas, the prior liens on which average only \$5,900 p. m. V. 64, p. 518. Montana Ext. mtge. is for \$25,000,000 for extensions and for second track. Abstract, V. 45, p. 342.

**Pacific Extension mtge.** £6,000,000 provides for bonds at £8,000 per mile in Montana and £7,000 per mile west of Montana; £3,000,000 of this issue (of which £1,000,000 sold) were released upon payment of collateral trust bonds Sept. 1 1898. V. 66, p. 1044, 1188; V. 80, p. 1111, 1174. See abstract of mortgage, V. 52, p. 82.

In 1904 the Gt. Northern and Nor. Pac. had acquired \$107,611,600 of the Chicago Burl. & Quincy RR. \$110,839,100 stock, in exchange for their joint 20-year 4% gold bonds, secured by the deposit of the stock in trust, on basis of \$200 in bonds for each \$100 stock. See circular, V. 72, p. 871, 1034, 1135, and application to list V. 73, p. 294, 903.

**Eastern Railway of Minnesota.**—First mtge. covers road, equipment, terminals and elevators. The Northern Div. \$15,000,000 mtge. of 1898 provides for extension built from Fosston, Minn., to the head of lake navigation at Duluth, and also for future requirements, including the retirement of the \$4,700,000 1st 5s at maturity. They are redeemable at 105 on three months' notice after April 1 1928. V. 66, p. 471. Montana Central bonds cover several roads. (See adv. "Chronicle" Dec. 12 1891.) The Manitoba guarantees these issues, and Gt. Nor. assumes guar. See guar., V. 74, p. 680.

The Willmar & Sloux Falls bonds are endorsed with joint and several guar. of the Manitoba and Gt. Nor. companies. Further issues may be made at \$17,500 per mile for additional road. V. 56, p. 247.

**Minneapolis Western first mtge.** is for \$1,000,000. V. 60, p. 835.

The £1,500,000 2-year sterling loan due Dec. 1 1905 was paid at maturity. **GENERAL FINANCES.**—Total funded debt per mile of main track (4,834 miles) in the hands of the public June 30 1905, \$20,842. V. 81, p. 1254. Trainload, 1905-06, 529 tons, against 522 in 1904-05.

Stockholders in Nov. 1905 subscribed pro rata at par for \$25,000,000 new stock, payable 25% each on Dec. 18 1905, Jan. 18, Feb. 19 and Mch. 10 1906, the proceeds to be used to pay for additional equipment securities of subsid. eos. acquired and to be acquired, &c. V. 81, p. 1174; V. 82, p. 280.

In Oct. 1906 a contract was signed for a lease of the ore lands to the U. S. Steel Corp., to continue until the ore is exhausted, on a royalty basis of \$1.65 per ton with 3.4 cents per ton increase each year; minimum tonnage to be mined, 750,000 tons during 1907, with 750,000 increase per year until 8,250,000 is reached. V. 83, p. 492, 818.

**EARNINGS.**—Great Northern system (including St. P. M. & M., East. of Minn. and Montana Central) July 1 1906 to Sept. 30 1906, 3 months, \$15,345,654, against \$12,823,350 in 1905.

**ANNUAL REPORT.**—Report for 1905-06 was given at length in V. 83, p. 885, and "Chronicle" Oct. 20. See also editorial.

(1) OPERATIONS GREAT NORTHERN SYSTEM PROPER.

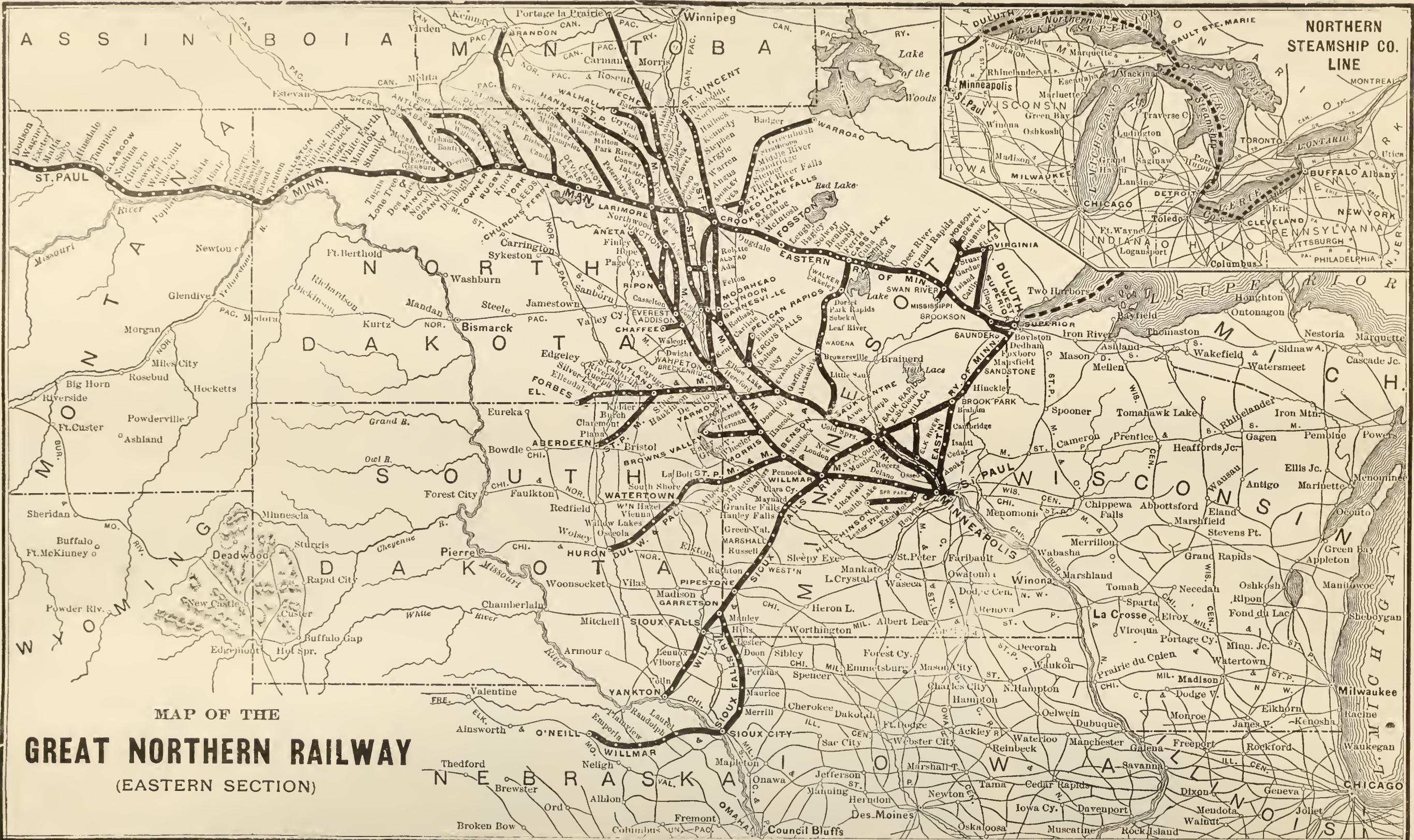
Year ending June 30—	1906.	1905.	1904.
Average miles operated	5,906	5,723	5,623
Gross earnings	\$51,276,280	\$43,526,088	\$40,057,352
Net earnings	23,651,761	20,567,239	18,045,010
Per cent. of expenses and taxes	53.87	52.75	54.95

(2) GREAT NORTHERN INCOME ACCOUNT.

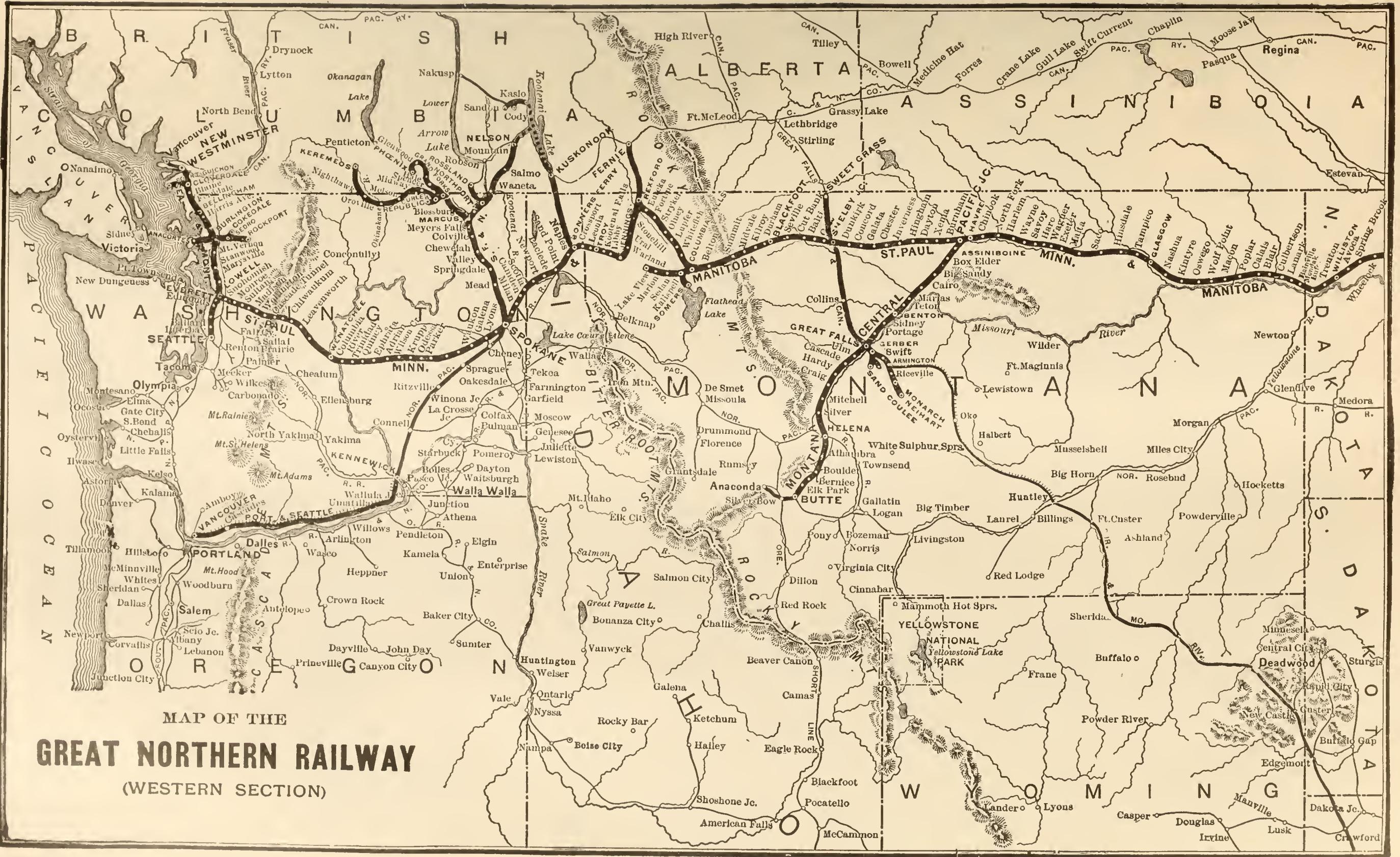
Year ending June 30—	1906.	1905.	1904.
Net earnings St. P. M. & Man.	\$21,520,668	\$18,816,731	\$16,679,973
Interest on bonds owned	---	392,227	395,896
Dividends on stocks owned	---	973,325	751,340
Profit on treasury securities sold	2,202,302	---	---
Rentals of leased lines	---	119,851	119,751
Bills receivable	---	4,013	1,492
General interest and other income	---	891,144	354,296

Total receipts	\$23,722,970	\$21,197,291	\$18,302,748
Paid rental St. P. M. & Man.	\$4,107,095	\$4,001,555	\$3,973,603
Great Northern dividends	(7)9,148,520	(7)8,693,860	(7)8,663,925
Interest on sterling loan	151,875	364,500	212,625
Renewal, &c., funds	5,130,911	3,000,000	2,000,000
Balance, surplus	\$5,184,569	\$5,137,376	\$3,432,595

(3) OPER



MAP OF THE  
**GREAT NORTHERN RAILWAY**  
 (EASTERN SECTION)



MAP OF THE  
**GREAT NORTHERN RAILWAY**  
 (WESTERN SECTION)

RAILROADS. For explanation of column headings, &c., see notes on first page of tables.	Miles of Road.	Date of Bonds.	Size, or Par Value.	Amount Outstanding	INTEREST OR DIVIDENDS.			Bonds—Principal, When Due Stocks—Last Dividend.
					Rate %	When Payable.	Where Payable, and by Whom.	
Hannibal & St Joseph—See Chicago Burlington & Quincy	ncy.							
Harrisburg & Northeastern—First mortgage gold...Ce	22	1895	\$100 &c	\$300,000	6 g	J & J	Central Trust Co, N Y	Jan 1 1916
Harrisburg Portsmouth Mt Joy & Lanc—Stock 7% gu	53	---	50	1,182,550	7 1/2 ln '06	J & J	Company's Office, Phila	July 10 '06 4%
First M (extended in 1883) guar p & l Pa RR. G.P.R	53	1853	500 &c	700,000	4	J & J	do	July 1 1913
Hartford & Connecticut Western—Stock.....	109	---	100	See text.	2	F & A 31	Hartford	Aug 31 1906 1%
First mortgage extended in gold in 1903.....	109	1883	1,000	700,000	4 1/2 g	J & J	do	July 1 1923
Hawkinsv & Ft So—1st M \$400,000 gold guar p & l	---	1902	---	310,000	5 g	A & O	---	---1952
Hendersonville & Nashville RR.	---	---	---	---	---	---	---	---
Hibernia Mine RR—Stock.....	4 1/4	---	100	200,000	6	A & O	See Central of New Jersey	Oct 10 '06 3%
Hocking Valley Ry—Stock common \$11,000,000.....	---	---	100	11,000,000	3 ln 1906	J & J	J P Morgan & Co, N Y	July 16 06 1 1/2%
Stock preferred non-cum (see text) subject call at par	---	---	100	15,000,000	4 ln 1906	J & J	do	July 16 1906 2%
Columbus & Hocking Valley first mortgage gold...c	76	1867	500 &c	1,401,000	4 g	A & O	do	Oct 1 1948
Col & Tol 1st M gold (Col to Walb) exten 1905...S.c	118	1875	1,000	2,441,000	4 g	F & A	do	Aug 1 1955
Ohio & West Va 1st M (Logan to Pomeroy).....c	85	1880	1,000	1,584,000	7	M & N	do	May 1 1910
First consolidated mortgage \$20,000,000 gold...Ce	346	1899	1,000 &c	14,139,000	4 1/2 g	J & J	do	July 1 1909
K & H C & C 1st M gold guar red 110 after 1911	---	1901	1,000	2,909,000	5 g	J & J	do	July 1 1951
Con Coal 1st M \$3,500,000 g gu s f '06 red 110 af '12.S	---	1902	1,000	2,399,000	5 g	F & A	do	Feb 1 1952
Equipment notes payable monthly.....	---	'00-'01	Various	245,524	5 & 6	Various	do	To July 1908
Car trusts gold \$80,000 semi-an (V 75, p. 741)....S	---	1902	1,000	960,000	4 1/2 g	M & N	do	Nov '06-May '12
New securities to be issued and assumed under consolidation plan.	---	---	---	---	---	---	---	---
Stock authorized, \$13,750,000.....	---	---	100	13,750,000	---	---	---	---
General lien mortgage \$30,000,000 gold.....	---	1906	---	17,000,000	4 g	J & J	---	July 1 1936
Kanawha & Michigan first mortgage.....Ce.c	164	1890	1,000	2,469,000	4 g	A & O	Central Trust Co, N Y	April 1 1990
Equipment trusts.....	---	---	---	291,600	---	---	---	---
do do series C.....	---	1902	---	1,306,250	5	M & N	---	May 1 1912
Special equipment and betterment loan.....	---	---	---	1,095,000	---	---	---	---
Hoosac Tunnel & Wilmington—Stock.....	---	---	100	250,000	2 ln 1903	Dec 31	Wilmington, Vt.	Dec 31 1903 2%
First mortgage \$250,000 auth. gold.....OB	25	1892	1,000	244,000	5 g	M & S	Old Colony Tr Co, Boston	Sept 1 1922
Hous E & W Texas—1st M gu p & l by So Pac...Un.c	191	1893	1,000	2,199,000	5 g	M & N	120 Broadway, N Y	May 1 1933
1st M \$3,000,000 g not guaranteed.....	191	1893	1,000	801,000	5 g	M & N	do	May 1 1933
Houston & Texas C RR—State of Texas pr lien 1st 75m	75	1870	---	See text.	6	---	Houston, Texas.	Annually
1st M 1 gr red 110 lnt gu \$3,456,000 paid Ce.c & r	453	1890	1,000	4,223,000	5 g	J & J	120 Broadway, New York	July 1 1937
Cons M land grant gold red at 110 lnt guar...F.c & r	453	1890	1,000	1,955,000	6 g	A & O	do	Oct 1 1912
General mortgage gold interest guar end...Mp.c & r	453	1890	1,000	4,275,000	4 g	A & O	do	April 1 1921
Waco & N W Div 1st M g \$25,000 p m...Ce.c & r	58	1900	1,000	1,105,000	6 g	M & N	do	May 1 1930
Austin & Northwest 1st M gold guar p & l...Mp.c & r	103	1891	1,000	1,920,000	5 g	J & J	do	July 1 1941
Ft Worth & New Orleans 1st M (Wax to Ft Worth)....F	41	1895	1,000	709,000	6	J & J	---	Dec 31 1925
C Tex & N W 1st M guar So Pac (Gar to Wax)....F	12	1881	1,000	180,000	6	A & O	120 Broadway, New York	Oct 1 1911

From this last result (\$25,809,818) in 1905-06 paid total interest ch of all companies, and guar'd divs. on St. Paul Minneapolis & Manitoba stock, &c., not owned, a total of \$8,187,770, and dividends of \$9,148,521 on the stock of the Great Northern Ry. Co. and \$5,130,911 for appropriation for renewal, improvement and equipment fund.

In 1901-02 (10 months) received \$800,000 (5%); in 1900-01, \$1,920,000 (12%) in dividends on Eastern Ry. of Minn. stock; in 1902-03, on Montana Central Stock, \$250,000 (5%), and in 1903-04 and 1904-05, \$350,000 (7%), and on Willmar & Sioux Falls stock in 1902-03, 1903-04 and 1904-05, each \$280,000.

OFFICERS.—Pres., James J. Hill, St. Paul; 1st V.-P., Louis W. Hill, St. Paul; 2d V.-P., R. I. Farrington; 3d V.-P. and Sec., E. T. Nichols, N. Y.; 4th V.-P., B. Campbell; Treas. and Asst. Sec., E. Sawyer, St. Paul; Asst. Sec. and Asst. Treas., N. Terhune, N. Y.; N. Y. office, 32 Nassau St. Directors—J. J. Hill, Frederick Weyerhaeuser, E. Sawyer, Frank E. Ward, R. I. Farrington, H. W. Cannon, Samuel Thorne, Louis W. Hill, Wm. B. Dean.—(V. 82, p. 1040, 1156; V. 80, p. 492, 818, 885.)

GREEN BAY & WESTERN RR.—Road owned from Green Bay, Wis., to Marshland, Wis., 209 miles; branches, 13 m.; trackage to Winona, 4 m. HISTORY.—A reorganization June 5 1896 (per plan in V. 61, p. 471) of the Green Bay Winona & St. Paul, sold in foreclosure May 12 1896.

SECURITIES.—There are no fixed charges on the property other than taxes, nor can any be placed thereon, or the property be sold or leased without consent of 75% of stock. Class A debentures are entitled to 2 1/2% interest, if earned, then com. stock to 2 1/2%, then the two share ratably; but after 5% has been paid on both, class B bonds are entitled to all surplus earnings. Sec V. 61, p. 471. In Dec. 1905 a majority of "B" debentures had been deposited with a protective comm ttee, John H. Davis, Chairman (Louis M. Ogden, 25 Broad St., Sec.; U. S. Trust Co., depository), under a plan declared operative. V. 81, p. 155 841, 1665, 1723; V. 82, p. 804, 1437

DIVIDENDS.—	'98.	'99.	'00.	'01.	'02.	'03.	'04.	'05.	'06.
Class "A" deb.....%	2 1/2	2 1/2	2 1/2	3	4	4	4	5	5
Stock.....%	---	1 1/2	2 1/2	3	4	4	4	5	5

REPORT for year ending Dec. 31 1905, in V. 82, p. 688, showed:  
 Freight, Passenger, Gross, Net, Taxes, &c. Bal., sur.  
 1905 -----\$437,502 \$148,918 \$586,420 \$210,837 \$18,924 \$191,913  
 1904 -----446,852 145,545 592,397 225,945 20,358 205,587  
 From balance paid in each year on debenture "A" 5%, \$30,000; common stock, 5%, \$125,000.

DIRECTORS.—S. S. Palmer, Pres.; Mark T. Cox, Sec. and Treas., 40 Wall St.; C. Ledyard Blair, J. A. Jordan, W. J. Hunt.—(V. 82, p. 1437.)

GREENE RR.—Owns road from Chenango Forks to Greene, N. Y., 8 miles. Leased to Delaware Lack. & W. for term of charter for 6% on stock. Capital stock, \$200,000; par, \$100. The \$200,000 7% bonds which matured Dec. 1 1902 are held in the D. L. & W. treasury.

GREENWICH & JOHNSONVILLE RR.—Owns from Schuylerville to Johnsonville, 21 miles, including extension from Greenwich to Schuylerville, 7 1/2 m., completed in 1904. Extension from Greenwich northeast to Rexleigh, 10 miles, is under construction. Stock, \$225,000. Bonds, see table above. For year ending June 30 1906, gross, \$74,391; net, \$27,513; interest on bonds, \$18,400; dividend (4%), \$9,000; bal., sur., \$1,130. Pres., I. C. Blandy; Auditor, J. H. McDaniels. Office, Greenwich, N. Y.—(V. 78, p. 342, 1781.)

GUATEMALA RY.—V. 76, p. 265; V. 78, p. 988, 1497; V. 79, p. 902.

GUAYAQUIL & QUITO RY.—(3 1/2-ft. gauge.)—Projected from Guayaquil to Quito, Ecuador, about 267 miles, with two branches. Of this, 151 m., from Guayaquil to Rlobamba, are in operation, 36 m., to Ambato, are about completed, and remaining 80 m. expected to be in 1906. V. 81, p. 556. Stock authorized, com., \$7,032,000; pref., 7% cum., \$5,250,000. The bonds are guar. prin. and lnt. by the Government of Ecuador, secured by a first lien on all the Customs duties of the latter, it receiving in consideration 49% of the com. stock. Interest in London is payable at Glyn, Mills, Currie & Co. All the bonds are purchasable for a s. f. of 1% yearly, and in addition \$1,014,000 (of which \$417,000 are now outstanding) are subject to call at par for a special sinking fund.

For calendar year 1904 earnings were: Gross, £68,049; cash from Government of Ecuador to pay interest on bonds, £121,348; total, £189,397; oper. expenses, £67,000; interest on bonds, £121,348; bal., sur., £449.

Pres., Archer Harman; V.-P., T. H. Powers Farr, New York; Sec. and Treas., S. H. Lever, N. Y. office, 27 Pine St.—(V. 82, p. 868, 1211, 1322.)

GULF BEAUMONT & K. C. RY.—See Ateh. Top. & S. F.

GULF & INTER-STATE RY. OF TEXAS.—Port Bolivar, on Galveston Bay, to Beaumont, Tex., 70 miles, was owned, of which 27 m., from Port Bolivar to High Island, was washed away by flood in Sept. 1900, but was rebuilt and reopened in Oct. 1903. In Dec. 1905 control was acquired by St. Louis and Des Moines interests. V. 81, p. 1665.

Improvement & Loan Co., Galveston, was trustee under 1st mtge. securing \$829,000 of 20-year 5s due 1915; V. 78, p. 820. Capital stock, \$71,000. Year ending June 30 1905, gross, \$88,236; net, \$1,116. V. 70, p. 1249; V. 71, p. 182, 698. On Feb. 13 1904 receiver was discharged; V. 78, p. 1167. Pres., W. C. Fordyce, St. Louis, Mo.; V.-P., F. M. Hubbell, of Des Moines, Ia.; Sec., L. L. Featherstone; Treas., John W. Campbell.—(V. 74, p. 728, 1308; V. 75, p. 342; V. 77, p. 823; V. 78, p. 820, 1167; V. 81, p. 1665.)

GULF & SHIP ISLAND RR.—(See Map.)—Owns from Gulfport, on Mississippi Sound, Gulf of Mexico, to Jackson, Miss., 160.5 miles; Columbia division, Maxie to Mendenhall, 104.75 miles. Branch from Saratoga to Laurel, 41.75 miles; total, 307 miles. Important harbor improvements have been constructed at Gulfport, including an extensive system of docks, piers, &c.; also a channel 7 miles long extending to deep water. From Silver Creek to Columbia, 30 m., was opened May 1906, completing the Columbia division.

STOCK.—Capital stock, \$6,000,000 (par of shares, \$100), all outstand'g.

DIVIDENDS.—Apr. 1903 to July 1905, incl., 1% quar.; Jan. 1906, 2%; April, July and Oct. 1% each.

BONDS.—Of the 1st 5s (\$5,000,000 authorized), \$2,750,000 were used to refund the old bonds (only \$16,000 of the latter being now outstanding); the remainder were issued as follows: \$1,000,000 to complete the terminals at Gulfport, \$500,000 for new equip't and \$750,000 for 75-lb. rails and other improvements to roadbed and structures. A s. f. of 1% yearly, which became operative Jan. 2 '05, may purchase bonds at not exceed'g 110, but the latter cannot be drawn, bonds so purchased to be kept alive in sinking fund as an investment. To July 1906, \$98,000 had been purchased. See V. 74, p. 426, and application to list, V. 74, p. 1257; V. 81, p. 264.

EARNINGS.—2 mos., 1906-----Gross, \$394,895; net, \$74,875  
 July 1 to Aug. 31, 1905-----Gross, 319,508; net, 01,538

REPORT.—Report for year ending June 30 1906 was given in V. 83, p. 886,905, showing (284 aver. miles): In 1905-06, gross, \$2,138,778; net over taxes, \$681,667; other income, \$25,392; charges, \$305,784; balance, surplus, \$401,275. Pres., J. T. Jones, Buffalo, N. Y.—(V. 82, p. 160, 1212; V. 83, p. 95, 377, 886, 905.)

HALIFAX & SOUTHWESTERN RY.—V. 83, p. 380.

HARRIMAN & NORTHEASTERN RY.—Harriman to Petros, Tenn., 22 miles. In Jan. 1903 entire stock acquired in the interest of the Cincinnati New Orleans & Texas Pacific Ry., but is operated separately. V. 76, p. 157. Stock, \$600,000. Year to June 30 1905, gross, \$99,370; net, \$42,887; charges, \$29,724.—(V. 76, p. 212.)

HARTFORD & CONNECTICUT WESTERN RY.—Hartford, Conn., to Rhinecliff, N. Y., 109 miles, and branch, 14 miles. Leased till Aug. 1940 to Central New England Ry. (now controlled by New York New Haven & Hartford RR.), the rental paying charges and 2% per annum on the stock, (\$2,714,000 outstanding), of which \$1,390,000 was owned by lessee. The stockholders voted Aug. 24 1906 to increase the stock by \$2,500,000, the new stock to be offered to stockholders pro rata at par. V. 83, p. 95.—(V. 76, p. 1084; V. 83, p. 95, 213.)

HAWKINSVILLE & FLORIDA SOUTHERN RY.—Worth to Hawkinsville, Ga., 44 miles. Stock, \$100,000, of which one-half acquired in April 1904 by Georgia Southern & Florida, which guarantees bonds (see table above), principal and interest. Year ending June 30 1905, gross, \$73,652; net, \$16,610; total deductions, \$17,862; balance, deficit, \$1,252. Pres., Bird M. Robinson, 277 Broadway; Treas., C. H. Reynolds. (V. 78, p. 1781; V. 79, p. 2585.)

HIBERNIA MINE RR.—Owns from Rockaway, N. J., to Hibernia Mines, N. J., 4 1/4 m. Leased to Central of N. J. in 1890 for \$12,000 per an.

HOCKING VALLEY RY.—(See Map.)—This company owns main line from Pomeroy, O., to Walbridge, O., 250 miles, with trackage (Penn. RR. System) Walbridge to Toledo, 6 miles; branches to Athens, Nelsonville, etc., 73 miles; leases Wellston & Jackson Belt, McArthur Junc. to Jackson, 18 m.; total, 347 m.; second track, 47 m. Under the proposed consolidation with the Kanawha & Michigan (see below), 169 miles will be added to the system, making a total of 516 miles operated.

HISTORY, &C.—Successor Feb. 25 1899 per plan V. 68, p. 231, of Columbus Hocking Valley & Toledo Ry., foreclosed. The coal lands, from which the bulk of the business is derived, aggregate about 20,975 acres, and are covered by the consolidated mortgage. In 1899 acquired control of Toledo & Ohio Central Ry. (which see) by purchase of entire issue of \$8,421,000 Middle States Construction Co. collateral 3s, which are secured by deposit of the entire stock of the Toledo & Ohio Central Ry., except \$54,100 common and \$11,600 preferred (See V. 69, p. 1345), but that road is operated separately. See STOCK below.

CONSOLIDATION PLAN.—The plan of consolidation with the Kanawha & Michigan Ry. in V. 83, p. 271, 323, contemplates the retirement of the preferred stock and the creation by the consolidated company of a new general lien 4% mortgage providing for refunding at a lower rate of interest outstanding equipment obligations and floating debt of both companies. The new mortgage (authorized issue \$30,000,000) will also furnish resources for betterments and improvements, so that the net earnings of the consolidated company may be available for dividends. The old bonds will not be disturbed at present.

The general lien 4s will be secured by mortgage on all the railroad owned and all additional property thereafter acquired by the proceeds. Of the bonds, \$17,000,000 are to be issued in connection with the consolidation, the \$13,000,000 balance to be reserved to acquire additional property, including equipment, and for improvements and for funding equipment and other floating obligations assumed.

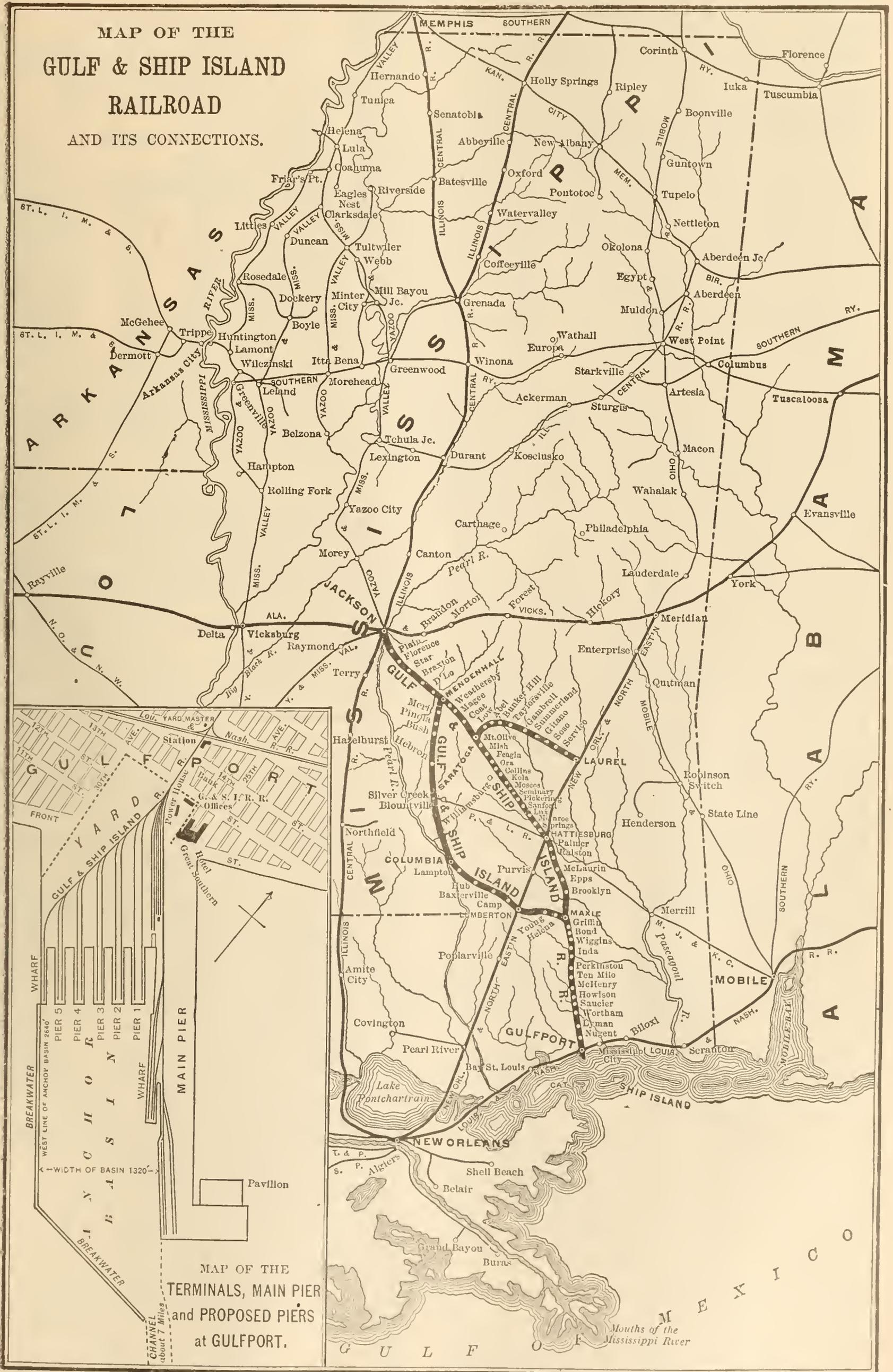
TERMS OF EXCHANGE.—Holders of the stock of the two companies will receive:

For each \$100 share—	Held by Public, &c.	Will Be Given—New Bonds.	New Stock.
Hocking Valley Ry. preferred.....	\$15,000,000	\$110	---
Common stock.....	11,000,000	---	\$100
Kanawha & Michigan Ry. stock.....	4,490,000	---	60

PREFERRED STOCK.—Has preference as to assets and dividends and is entitled to share equally with common in any dividend above 4% in any year. V. 80, p. 1111.

SALE OF STOCK, ETC.—In June 1903 \$6,924,200 of the outstanding \$11,000,000 common stock was sold to five railroad companies, viz.: The Pittsburgh Cincinnati Chicago & St. Louis (two-sixths interest) and Baltimore & Ohio, Chesapeake & Ohio, Lake Shore & Michigan Southern and Erie (each one-sixth), the owners receiving \$103 per share above all expenses. The participation certificates issued therefor were paid at maturity, June 28 1906, and the stock distributed among the roads. V. 75, p. 1301; V. 77, p. 36, 1225; and form of cert., V. 77, p. 1874, V. 83, p. 37.

DIVIDENDS.—On preferred 1900 3 1/2%; 1901 to July 1906, incl., 4% per annum. On common July 1901 to July 1906, incl., 3% per annum.



RAILROADS.	Miles of Road.	Date of Bonds.	Size, or Par Value.	Amount Outstanding	INTEREST OR DIVIDENDS.			Bonds—Principal, When Due. Stocks—Last Dividend.
					Rate %	When Payable.	Where Payable, and by Whom.	
<b>Hudson &amp; Manhattan—Common stock</b> (see text) Preferred (also as to assets) 5% n-c \$10,000,000 conv First mortgage \$100,000,000 convertible after 5 yrs			100	40,000,000				
<b>Huntingdon &amp; Broad Top—Common stock</b>	64		50	1,371,750	See text.	J & J	Phil Off, 4th & Walnut St	Jan 28, 04. 1%
Preferred stock 7% non-cumulative	64		50	2,000,000	7½ in 06	J & J	do do	July 25 1906 3½
First M extended in 1890 (interest only in gold)	64	1854	500	416,000	4 g	A & O	do do	Sept 30 1920
Second M old 7s extended in 1895 p & l gold	64	1857	500	367,500	4 g	F & A	do do	Feb 1 1925
Third M consol extended in gold in 1895	64	1865	1,000	1,497,000	5 g	A & O	do do	Mar 31 1925
14th Ser car trust \$29,000 yearly Dec 1		1899	1,000	176,000	4	J & J	Penn Co for In. &c, Phil	To Dec 1 1911
Iberia & Vermilion—First mortgage	16	1893		322,000	5	F & A	So Pac Co, 120 B'y, N Y	Aug 1943
<b>Illinois Central—Stock</b> \$95,040,000			100	95,040,000	7 in 1906	M & S	11 B'way, N Y, & Lond	Sept 1 '06 3½%
Leased line 4% stock guaranteed (see remarks)			100	10,000,000	4	J & J	do do	July 1906 2%
First mort of Sterling bonds old 6s extend in 1895		1875	\$200	2,500,000	4 g	A & O	London	April 1 1951
1 8 7 4 for Sterling bonds extended in 1905		1875	\$200	1,000,000	3½ g	J & D	do do	Dec 1 1950
\$15,000,000 4s of 1886 due 1951 gold	706	1886	1,000	1,500,000	4 g	J & J	11 Broadway, New York	Jan 1 1951
secures all 3½s of 1886, due 1951 gold		1886	1,000	2,499,000	3½ g	J & J	do do	Jan 1 1951
equally -Us 3s of 1895 due 1951 gold		1895	\$200	\$500,000	3 g	M & S	London	Mar 1 1951
3½s of 1903 due 1951 gold		1903	1,000 &c	3,000,000	3½ g	A & O	New York & London	April 1 1951
Trust bonds sterling (sec by Ch St L & N O cons)		1886	\$200	5,266,000	3½ g	J & J	J Baring Brothers, London	July 1 1950
1st M Sp Div ref M (V 66, p 1237) gold	111	1897	1,000	2,000,000	3½ g	J & J	11 Broadway, New York	Jan 1 1951
Kank & S W 1st M Otto to Norman Junc & br	131	1881	1,000	968,000	5	F & A	do do	Aug 1 1921
Collateral trust bonds gold \$	857	1888	500 &c	15,000,000	4 g	A & O	do do	April 1 1952
Calro Bridge bonds gold (see remarks)		1892	1,000	3,000,000	4 g	J & D	do do	Dec 1 1950
Coll trust \$25,000,000 gold on L N O & T	798	1892	500 &c	25,000,000	4 g	M & N	do do	Nov 1 1953
Western lines first mortgage gold	218	1894	1,000	5,425,000	4 g	F & A	do do	Aug 1 1951
St Louis Div & Term M \$10,000,000 gold	239	1897	500 &c	8,377,000	3½ g	J & J	do do	July 1 1951
do \$5,000,000 (See V 65, p 1173) g		1897	1,000	4,998,275	3 g	J & J	do do	July 1 1951
Louisville Div & Term M \$25,000,000 g	553	1897	500 &c	22,729,000	3½ g	J & J	do do	July 1 1953
Chicago St Louis & New Orleans second mortgage	567	1877		80,000	6	J & D	do do	Dec 1 1907
Consol M (\$18,000,000) gold int guar	567	1881	1,000	11,289,000	5 g	J & D 15	do do	June 15 1951
do guaranteed princpal and interest	567	1897	1,000	1,359,000	3½ g	J & D 15	do do	June 15 1951
Memphis Div 1st M gold guar p & l (end)	100	1889	1,000	3,500,000	4 g	J & D	do do	Dec 1 1951
Omaha Division 1st M gold \$5,000,000	130	1900	1,000 &c	5,000,000	3 g	F & A	do do	Aug 1 1951
Litchfield Division 1st M gold \$4,000,000	98	1900	1,000	3,235,000	3 g	J & J	do do	Jan 1 1951
Purchased lines 1st M \$20,000,000 gold	734	1904	1,000	14,662,000	3½ g	J & J	do do	July 1 1952
<b>Underlying St Louis Division &amp; Terminal bonds.</b>								
Bellevue & Carondelet 1st M Belle to E C gold	17	1883	1,000	470,000	6 g	J & D	po do	June 1 1923
Bellevue & El Dor 1st M (I C owns \$100,000)	51	1880	1,000	71,000	7	J & J	do do	July 1 1910
a In addition \$5,266,000 consol 5s are pledged to secure								

**BONDS.**—The consols (\$20,000,000 authorized) besides a lien on the entire property, subject only to \$5,426,000 prior bonds, have a first lien on all the coal lands; \$5,426,000 consols are reserved to retire the existing bonds (these existing bonds, however, may be extended at maturity) and \$5,645,000 for the acquisition of new property and betterments, of which \$5,263,000 sold in 1899-1906. V. 72, p. 338; V. 74, p. 1038; V. 76, p. 1192; V. 78, p. 989; V. 82, p. 568. Substantially all of the bonds and stock of the Ohio Land & Ry. Co. and the Wellston & Jackson Belt Ry., 18 miles, are deposited under said mortgage. V. 68, p. 823. Guarantees Kanawha & Hocking Coal & Coke Co. bonds. V. 74, p. 271; V. 77, p. 2393; V. 81, p. 507; V. 81, p. 781; also Continental Coal Co. bonds. V. 75, p. 497, 987. See also Sunday Creek Co. (which operates properties) under "Industrials." Col. & Tol. first 7s were extended 50 years at 4% in 1905. V. 81 p. 211.

**LATEST EARNINGS.**—For 2 months ending Aug 31:

2 months.	Gross.	Net.	Other Inc.	Charges.	Balance.
1906	\$1,224,131	\$456,851	\$20,611	\$125,366	\$352,096
1905	1,080,783	404,930	8,895	142,018	271,807

**ANNUAL REPORT.**—Traffic is mostly freight, and over 62% of this is bituminous coal. Average train-load is large—in 1906, 608 tons. Report for year ending June 30 1906 in V. 83, p. 749, 766.

	1905-06.	1904-05.	1903-04.	1902-03.
Gross earnings	\$6,439,809	\$6,013,214	\$5,725,483	\$6,049,698
Net earnings after taxes	\$2,258,035	\$1,945,313	\$1,872,863	\$2,211,172
Net Income	309,123	382,231	550,901	686,861
Total available income	\$2,567,158	\$2,327,544	\$2,423,764	\$2,898,033
Fixed charges, &c.	\$883,480	\$899,693	\$1,018,971	\$1,093,935
Dividends on preferred	(4)600,000	(4)600,000	(4)570,200	(4)560,000
Dividends on common	(3)330,000	(3)330,000	(3)330,000	(3)321,324
Balance, year's surp.	\$753,678	\$497,851	\$504,593	\$922,774

**OFFICERS.**—Pres., N. Monsarrat, Columbus; Sec. and Treas., W. N. Cott, Columbus; Asst. Sec. and Treas., A. H. Gillard, New York.

**DIRECTORS.**—Charles B. Alexander, R. M. Galloway, Thomas F. Ryan, H. R. Willson and A. H. Gillard, New York; Ralph W. Hlckox, Charles G. Hlckox and James H. Hoyt, Cleveland; P. W. Huntington, N. Monsarrat, S. P. Bush, R. S. Warner and William N. Cott, Columbus, O.—V. 83, p. 209, 271, 323, 687, 749, 751, 766, 818.

**HOOSAC TUNNEL & WILMINGTON RR.—NARROW GAUGE.**—Hoosac Tunnel, Mass., to Wilmington, Vt., 25 miles. In 1904 purchased by syndicate. V. 79, p. 903. Earnings for year 1905-06, gross, \$77,384; net, \$27,995; bond interest, \$11,200; dividends (3%), \$7,500. Pres., John P. Kellas, Malone, N. Y.—(V. 79, p. 903.)

**HOUSTON BELT LINE & TERMINAL RY.**—To build a terminal line in and around Houston, Tex., 20 miles, with large passenger terminals. Controlled by four proprietary roads, viz., Col. Southern, New Orleans & Pacific (St. Louis & San Francisco), Trinity & Brazos Valley (Col. Southern), St. Louis Brownsville & Mexico and Gulf Colorado & Santa Fe (Atchison system). Incorporated Aug. 31 1905 with \$25,000 (nominal) stock. The stockholders Sept. 20 1906 authorized \$5,000,000 first mortgage bonds.—(V. 83, p. 272, 751.)

**HOUSTON EAST & WEST TEXAS RY.**—(See Map of Southern Pacific.) Owns from Houston, Texas, to Sabine River at Logansport (on Houston & Shreveport RR.), 191 miles. Reorganized in 1896 without foreclosure. Stock \$1,920,000, of which \$1,905,000 owned by So. Pac. Co., which has guaranteed \$2,199,000 of the bonds, principal and interest, by endorsement, reserving the right to redeem them at 105 and interest at any time on 3 months' notice. Guaranty, V. 70, p. 841; V. 71, p. 236. Year 1904-05 gross, \$1,089,623; net, \$403,137; charges, \$192,083; balance, surplus, \$211,054.—(V. 78, p. 2384.)

**HOUSTON & TEXAS CENTRAL RAILROAD.**—(See Map of Southern Pacific.)—Owns from Houston, Texas, to Denison, Texas, 338 miles; Hempstead, Texas, to Llano, Texas, via Austin, 215 miles; Bremond to Ross Texas, 54 m.; Garrett to Ft. Worth, 53 m.; other, 30 m.; total, 690 m. Cut off, Mexia to Navasota, 100 miles, was completed Aug. 1906.

**HISTORY.**—Successor April 11 1893 to a railway company foreclosed Sept. 8 1888. Reorganization plan, V. 45, p. 792, 820. On Aug. 22 1901 merged Austin & Northwest, etc. Litigation, V. 74, p. 680; V. 81, p. 777.

**BONDS.**—The bonds are being gradually reduced with proceeds of land sales. The first mortgage was for \$8,634,000, of which \$570,000 reserved against claim of State of Texas upon 75 miles of the road. The Southern Pacific Co. guarantees interest on all bonds. The first mortgage bonds and the consolidated mortgage bonds may be called for redemption at 110 with proceeds of land sales. See full abstracts of all the mortgages in V. 52, p. 242. Of the \$5,068,000 consolidated 6s authorized \$1,149,000 (not included in the amount outstanding above) are held as part security for the general 4s. There were also June 30 1906 \$450,000 Lampasas extension Interim 5s, all owned by Southern Pacific Co. Stock, \$10,000,000, of which the Southern Pacific Co. owned \$9,996,000; par, \$100. V. 76, p. 1084, 1192, 1407. In 1902-03 a dividend of 6% was paid out of accumulated surplus. V. 76, p. 1407. As to school fund claim for \$673,100, see V. 64, p. 1137; V. 66, p. 471; V. 70, p. 686.

**LANDS.**—The lands June 30 1905 held for cancellation of first and consolidated mortgage bonds consisted of 1,946,715 acres; land contracts outstanding were \$757,609. V. 65, p. 869.

**EARNINGS.**—Year 1904-05, gross, \$5,222,193; net, \$1,321,850; other income, \$9,106; charges, \$983,293; bal., surp., \$347,661.—(V. 83, p. 751.)

**HUDSON & MANHATTAN RR.**—(See Map.)—Owns double-tube tunnel from Christopher and Greenwich Sts., New York, under the Hudson River, to 15th St., Hoboken, N. J.; extensions are to be built under Sixth Ave., N. Y., to 33rd St., with a spur under 9th St. to 4th Ave; also a branch to the Del. Lack. & West. station in Hoboken. A double-tube tunnel is also under construction from a connection with the Erie and Pennsylvania RR. stations in Jersey City under the Hudson River to Cortlandt, Dey and

Church sts., New York. A connecting line between the tunnels in New Jersey is to be built. The Hoboken tunnel to 33rd St., New York, is expected to be operated early in 1907. Cars will run over Pennsylvania right of way to Newark; also has agreement with Public Service Corporation for transfer of passengers, &c. V. 82, p. 986.

Electric power is to be used, with trains of the New York subway type. A consolidation in 1906 with the New York & New Jersey RR. per plan, V. 82 p. 804.

**SECURITIES.**—Of the bonds \$50,000,000 in connection with \$40,000,000 common and \$5,250,000 pref. stock will be issued on account of the proposed tunnels, stations, power house, erection of buildings at the Church St. and 23rd St. terminals in New York, and retirement of \$5,000,000 N. Y. and Jersey bonds redeemable at 110. The remaining \$50,000,000 bonds and \$4,750,000 pref. stock are reserved for future purposes.

The bonds will be convertible on any interest day 5 years from their date to maturity at par into common stock at \$110 per share, with provisions to protect the bondholders when common stock in addition to the \$40,000,000 at present authorized and the further amount necessary to convert the bonds is issued. The pref. stock is convertible after July 1 1911 into common stock at 110. V. 82, p. 804.

**OFFICERS.**—Pres., W. G. McAdoo; V.-P., W. G. Oakman; Treas., K. B. Konger; Sec., C. W. King. Office, 111 Broadway, New York.—V. 82, p. 804, 1102.)

**HUNTINGDON & BROAD TOP MT. RR. & COAL CO.**—Owns from Huntingdon, Pa., to Mount Dallas, Pa., 45 miles; branches, 19 miles.

**DIV'D.**—'94. '95. '96. '97. '98. '99. '00. '01. '02. '03. '04. '05. 1906.

On common	5	4½	4	1	0	0	0	0	5	1	0	
On preferred	7	7	7	6	5	5½	7	5	6	7	6	5½ 7½

**ANNUAL REPORT.**—Report for 1905 was given in V. 82, p. 1207.

	Gross.	Net.	Interest.	Dividends.	Balance.
1905	\$797,467	\$353,153	\$106,190	\$110,000	\$136,963
1904	676,531	253,637	106,190	133,717	sur. 13,730

—(V. 80, p. 1724; V. 81, p. 211; V. 82, p. 100 452, 986, 1207.)

**IBERIA & VERMILION RR.**—Salt Mine Junc. to Abbeville, La., 16 miles. Stock, \$300,000, of which \$298,500 owned by Morgan's Louisiana & Texas RR. & SS. Co. (So. Pac.) Year 1904-05, gross, \$85,100; net \$50,806; other income, \$7,274; charges, \$17,272; balance, surplus, \$40,809.

**IDAHO NORTHERN RY.**—V. 83, p. 155.

**ILLINOIS CENTRAL RR**—(See Map.)—ROAD.—Operates from Chicago, Ill., southerly to New Orleans, La., 912 miles, and westerly to Sloux City, Ia., 509 miles, with numerous branches, viz. (\* which see.)

Road owned in fee.	Miles.	Leased—Control owned.	Miles.
Chicago to Calro, Ill.		Evansv. Line (Ohio Val. RR.)	139
Centralia, Ill., to East Dubuque, Ia.	706	Mem., Tenn., to Grenada, Miss.	100
Dubuque, Ia.		Yazoo & Mississippi Val. RR.	
Dubuque & Sloux City	730	Memphis to N. O. and brs.	1,239
Springfield to East St. Louis, Ill. (V. 71, p. 547)	98	St. Louis Alton & Terre Haute	239
Peoria, Ill., to Evansville, Ind., with 6 m. branch (V. 73, p. 391, 665)	251	Entire stock owned.	
To be acquired—Tennessee Central (see below)	85	Switz City to Eflingham	88
Leased.—Control owned.		Branches	773
Chicago St. L. & N. O. RR.		Chicago & Texas (Sept. '97)	80
Calro, Ill., to New Orleans.	547	Trackage Oliver Br. to Thebes	9
Line to Louisville, &c.		Total system June 30 1906—	5,698
(C.O. & S.W. and branches)	614	Of which earns kept separate—	
		Yazoo & Miss. Vall. RR.	1,239
		Total included in earnings	
		July 1 1906	4,459

**HISTORY, LEASES, &c.**—Chartered in Dec. 1850. The company pays to the State of Illinois 7% (in 1905 \$1,088,676) of gross of the 706 m. owned in fee yearly in lieu of taxes. The Chicago St. L. & N. O. is leased for 400 years from July 1 1882 at 4% per annum on its \$10,000,000 stock deposited to secure the leased line stock.

In Sept. 1904 the Indianapolis Southern Ry. was purchased. V. 78, p. 2442; V. 79, p. 733, 968. In July 1905 an option for 3 years for purchase of majority of stock and bonds of the Tenn. Central and Nashville Terminal Co., jointly with the Southern Ry., was obtained, the Ill. Cent. on Dec. 1 1905 taking over the operation of the portion from Nashville to Hopkinsville, Ky., 85 miles. V. 81, p. 1723. Branch from Silver City to Valley Park, Miss., 45 miles, was completed Sept. 1906. In Aug. 1906 extension from Philipp, Miss., to Sardis, 30 miles, was under construction.

In Nov. 1905 an extension from Jackson, Tenn., to Birmingham, Ala., 219 miles, was proposed, of which Corinth, Miss., to Haleyville, Ala., 80 miles, and 3 additional miles, is under construction; balance to be trackage. V. 83, p. 896. Also under construction Oct. 1906 Woodstock to East Junction, Tenn., 16 miles, and Bloomington to Bedford, 27 miles. V. 83, p. 897.

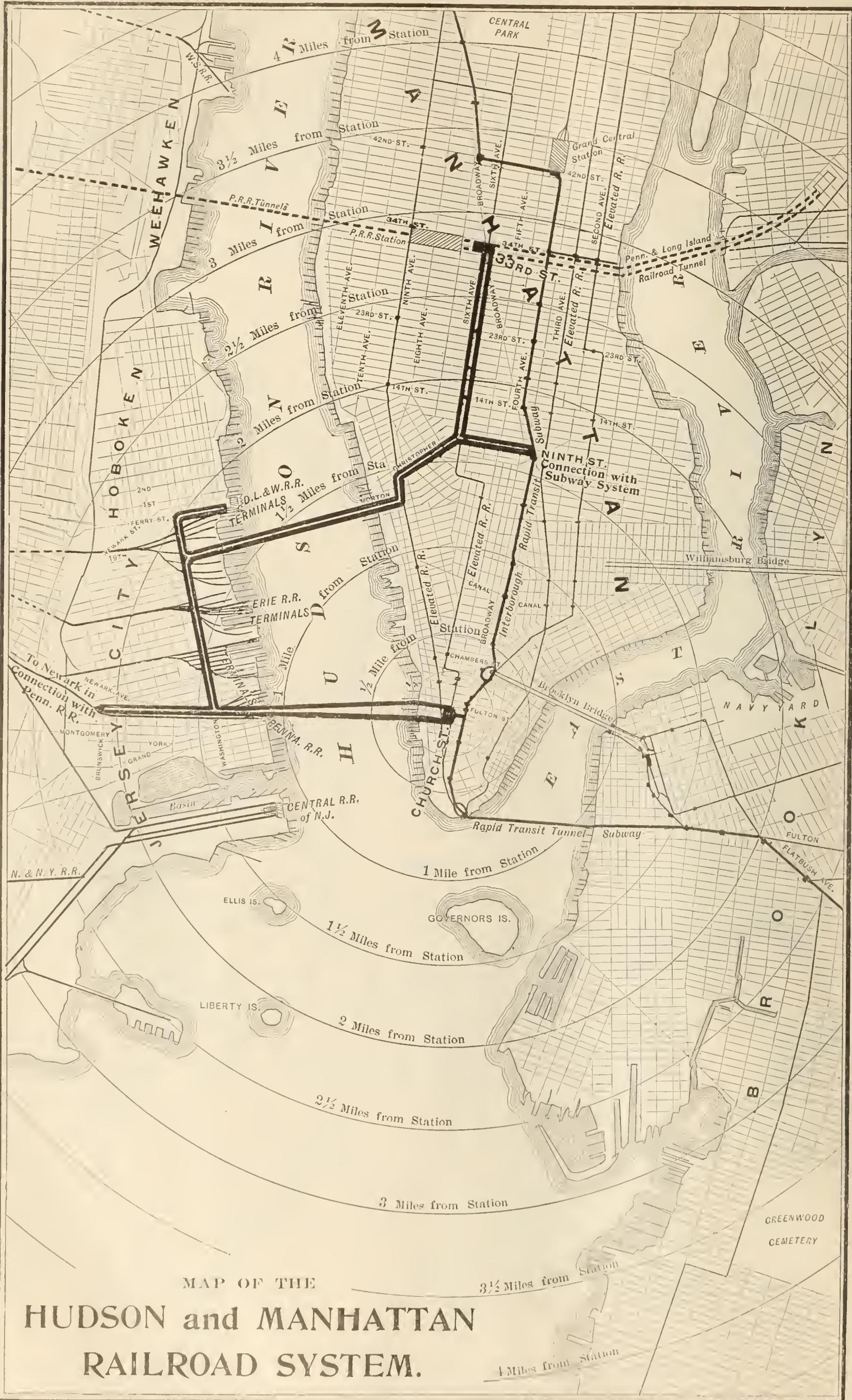
**CAPITAL STOCK.**—The leased line stock is secured by deposit of \$10,000,000 Chicago St. Louis & New Orleans stock. (V. 65, p. 1071.)

Early in 1901 the stock was increased from \$60,000,000 to \$66,000,000. In Nov. 1901 to \$79,200,000, and in Aug. 1902 was further increased to \$95,040,000, to provide additional equipment and facilities. See V. 71, p. 1066; V. 72, p. 241, 282; V. 73, p. 82, 138, 666; V. 74, p. 1308; V. 75, p. 77, 498. Of the stock 78% was in Oct. 1904 held in America, \$8,000,000 of this being owned by the Railroad Securities Co. See that company.

**DIVID'S.**—'86. '87. '88. '89. '90. '91. '99. '00. '01-Sep. '04. '05. 1906. Com. stock} 7½ 7 7 5½ 6 5 y'ly. 5½ 6 yearly. 7 7

**BONDS.**—Main line \$15,000,000 mtge. of 1871 covers property described in V. 63, p. 76. Calro bridge bonds are secured by deposit of a like amount of Chicago St. Louis & New Orleans 1st M. Calro Bridge 5s. The rental for the bridge is \$180,000 in gold annually, of which \$20,000 goes to a sinking fund. See adv. in "Chronicle" May 7 1892.





MAP OF THE  
**HUDSON and MANHATTAN**  
**RAILROAD SYSTEM.**

RAILROADS. For explanation of column headings, &c., see notes on first page of tables.	Miles of Road.	Date of Bonds.	Size, or Par Value.	Amount Outstanding	INTEREST OR DIVIDENDS.			Bonds—Prin- cipal, When Due Stocks—Last Dividend.
					Rate %	When Payable.	Where Payable, and by Whom.	
<b>Illinois Central RR.—(Concluded)</b>								
St. Louis Southern first mortgage gold.... Me.c*	30	1886	\$1,000	\$538,000	4 g	M & S	11 Broadway, N Y	Sept 1 1931
Carbondale & Shawneetown 1st M gold.... c*	17	1887	1,000	241,000	4 g	M & S	do do	Mar 1 1932
Iowa Falls & Sioux City—See statement of Dubuque	& Slo	ux City.						
Illinois Iowa & Minn—1st M \$5,000,000 gold red. IC.c*	---	1904	1,000	3,000,000	5 g	M & S	New York or Chicago	Mar 1 1944
Illinois Southern—1st M gold \$5,000,000.... EC.c*	132	1903	1,000	4,400,000	4 g	J & D	New York	Dec 1 1953
Illinois Terminal—1st M \$500,000 gold red par.... IC	Text.	1905	1,000	450,000	5 g	J & J	Illinois Tr & Sav Bk, Chic	Jan 2 1925
Illinois Tunnel Co—See Chicago Subway Co.								
Indiana Illinois & Iowa—See Chicago Indiana & So	uthern							
Indiana Decatur & Western—See Clin Ind & Western								
Indianapolis & Louisville—See Chicago Indianapolis	& Lou	isville						
Indianapolis South—1st M red 110 text g. Usm.c* & r	---	1903	1,000	In I C treas.	5 g	J & J	New York	July 1 1953
Indianapolis Un—1st M gold s f not callable.... FP.c*	93	1886	1,000	940,000	4 1/2 g	M & N	Fidelity Trust, Phila	May 1 1926
Gold notes part due yearly guaranteed text....	---	1904	5,000	330,000	4 g	M & S	Treasurer, Indianapolis	Sept 1907-1910
Indianapolis & Vincennes—See Vandalla RR.								
Interior—Metropol Co—Com stock \$100,000,000 auth	---	---	100	92,360,100				
Pref stock 5% cm (also pref as to assets) \$55,000,000.	---	---	100	45,284,600	See text.	Q—J		Oct 1 '06 1 1/4 %
Coll tr bonds g sec by Int R Tr stock.... c* & r	---	1906	1,000 & c	67,804,000	4 1/2 g	A & O	Windsor Trust Co, N Y	April 1 1956
Interborough Rapid Transit—Stock \$35,000,000....	Text.	---	100	35,000,000	See text.	Q—J	Belmont & Co, New York	Oct 1 '06 2 1/4 %
Notes \$15,000,000 authorized gold redeem at par....	---	1905	---	15,000,000	4 g	M & N	do do	May 1 1908
International & Great Northern—First mortgage gold	1,109	1879	500 & c	11,291,000	6 g	M & N	Office, 195 B'way, N Y	Nov 1 1919
Second mortgage gold.... F.c*	1,109	1881	500 & c	10,391,000	5 g	M & S	do do	Sept 1 1909
3d M (\$3,000,000), formerly inc, incl scrip, g. Me.c*	1,109	1892	500 & c	2,966,052	4 g	M & S	See remarks	Sept 1 1921
Colorado Bridge bonds sinking fund.... F	---	1880	1,000	198,000	7	M & N	Office, 195 B'way, N Y	May 1 1920
Interoceanic Ry of Mexico—Ord shares £1,700,000....	---	---	£10	£1,700,000				
Preferred shares 7% cumulative £1,000,000....	---	---	£10	£1,000,000				
Prior lien deb subj to call at par after Mar 1 1897....	---	---	£50 & c	£400,000	5	J & J		Mar 31 1912
4% debenture stock subj to call at par £1,150,000....	---	---	---	£699,886	4	M & S	15 London	Sept 15 1950
Debenture stock 7% "B" subj to call 120 non-cum	---	---	£100	£469,459	4 1/2 fr-4-5			Sept 15 1950
Second debenture stock red at 105 after 1911 text	---	---	£100	£1,150,000	4 1/2		4 1/2 for 1904-1905	1950
Mex E deb stock £450,000 guar red at 105 beg 1914	---	---	£100	£400,000	5	J & D	15 London	Jan 1 1984
Iowa Central—Common stock \$11,000,000 authorized	---	---	100	8,524,683				
Preferred stock \$7,400,000 5% non-cumulative....	---	---	100	5,674,771	1 1/2 ln '00	M & S	Office, 25 Broad St, N Y	Mar 1 '00 1 1/4 %
1st M for \$7,650,000 g (abstract V 49, p 582).... Me.c*	503	1888	1,000	7,650,295	5 g	J & D	Mercantile Trust Co, N Y	June 1 1938
Refunding M \$25,000,000 gold (see text).... Mo.c* & r	541	1901	1,000	5,340,000	4 g	M & S	do do	Mar 1 1951
Jacksonville Term—1st M gold guar \$500,000.... M.p.c*	21	1894	1,000	500,000	5 g	J & J	Guaranty Trust Co, N Y	July 1 1939
Jamestown Chaut & L E—1st M \$750,000.... N.c*	37	1901	1,000	600,000	4 g	J & J	Secur & Trust Co, N Y	Jan 1 1951
Jefferson—1st & 2d Ms ext ln '87 & '89 (H'dale Br).... c	8	1867	1,000	300,000	4 1/2 & 6	J & J	Fidelity Trust Co, Phila	July 1 1927
1st M Carbondale to S depot gold guar p & l.... FP.c*	37	1889	1,000	2,800,000	5 g	A & O	Erle RR, New York	Jan 1 1909

**ILLINOIS CENTRAL RR. (Concluded)**—The trust bonds of 1886 are secured by deposit of \$5,266,000 Chicago St. L. & N. O. consols of '81, and are to be included in any new mtge.

The collateral trust bonds of 1952 are secured by pledge with the U. S. Trust Co. of New York of \$16,350,000 5% 1st mortgage gold bonds of subsidiary railroads covering 854 miles. See list, V. 55, p. 550.

The \$25,000,000 collateral trust bonds of 1953 are secured by pledge of all the Loulsv. N. O. & Texas (now Yazoo & Mississippi Valley RR.), \$16,900,000 1st mtge. bonds, except \$68,000, all the \$9,104,000 mtge. incomes and all but \$96,000 of the \$10,000,000 land grant incomes. See adv. in "Chronicle" June 11 1892, and V. 54, p. 964; V. 61, p. 112.

The Chicago St. Louis & New Orleans have their interest guaranteed (by endorsement) until the principal is paid. The 3 1/2s of 1897 are guar., principal and interest, by endorsement—see guaranty V. 65, p. 1071.

The Western Lines loan of 1894 is for \$10,000,000, but \$4,575,000 bonds can be issued only when the road from Iowa Falls to Sioux City, 184 miles, now subject to \$2,800,000 of Iowa Falls & Sioux City bonds (see Dubuque & Sioux City RR.) due in 1917, shall be transferred to the trustee without encumbrance. See "Supplement" of Jan. 1899.

The St. Louis Division & Terminal bonds are for \$15,000,000 authorized, of which \$5,000,000 are three per cents; \$3,500,000 were issuable for improvements, equipment, &c., and \$1,499,000 are held to retire \$1,400,000 underlying bonds still outstanding on the St. Louis Alton & T. H. system see table above. See abstract of mortgage in V. 66, p. 138. See also V. 66, p. 133; V. 71, p. 546.

Louisville Division & Terminal mtge. is for \$25,000,000; of the bonds \$1,112,000 are reserved to purchase the 46 m. (Cecilia br.) from Louisville & Nashville and to retire the L. & N. bonds thereon; \$2,500,000 for new additions or extensions. Chicago St. Louis & New Orleans took title to the Loulsv. Div. and joined in making mtge. See V. 66, p. 136, for abstract; also "Supp." of Jan. '99, V. 65, p. 367, 516; V. 66, p. 133; V. 67, p. 581; V. 75, p. 671.

Of the \$4,000,000 Litchfield Division bonds, \$852,000 are reserved for improvements, &c. V. 71, p. 547, 646; V. 79, p. 2455.

The purchased lines 3 1/2s of 1904 (\$20,000,000 authorized) cover various minor lines acquired. Of the bonds, \$14,662,000 have been issued on 734 m. of subsidiary branch lines purchased, and the remaining \$5,338,000 is reserved to retire at maturity \$968,000 bonds of the Kankakee & Southwestern due 1921 (see bond table above) and \$4,370,000 bonds of the Chic. Mad. & North. (231 m.), which are pledged as part collateral for the collateral trust 4s of 1952. (See V. 71, p. 288; V. 79, p. 1273, 1642, 2588; V. 81, p. 1105.)

**EARNINGS.**—2 mos., } 1906.....Gross, \$8,828,397; net, \$2,373,621  
July 1 to Aug. 31. } 1905.....Gross, 7,764,834; net, 2,088,165

**REPORT.**—Annual meeting is held the third Wednesday in October. Report for 1905-06 was in V. 83, p. 885, 896; editorial, p. 858. Report of President Fish for 19 years ending May 1906, see V. 82, p. 1240, 1268.

The following does not include Yazoo & Mississippi Valley:

Year ending June 30—	1906.	1905.	1904.
Miles operated June 30.....	4,459	4,374	4,374
Passenger earnings.....	\$10,004,041	\$10,729,825	\$9,554,743
Freight earnings.....	34,637,124	32,607,922	31,692,575
Mail, express and miscellaneous.....	6,995,240	6,170,902	5,583,838
Total earnings.....	\$51,636,405	\$49,508,649	\$46,831,116
Operating expenses.....	36,437,470	35,111,706	34,735,682
Net earnings.....	\$15,198,935	\$14,396,943	\$12,095,454
Net receipts from interest, &c.....	3,255,398	2,759,020	2,675,496
Miscellaneous.....	1,591	2,488	41,053
Total receipts.....	\$18,455,924	\$17,158,451	\$14,812,003

**Deductions—**

Interest on Illinois Central bonds....	\$3,467,340	\$3,431,035	\$2,961,615
Int. on Chic. St. L. & N. O. bonds....	2,431,587	2,415,060	2,415,079
Rental Dubuque & Sioux City RR....	1,187,400	571,243	cr. 87,136
Net rental St. L. A. & T. H. ....	507,465	507,435	520,209
Miscellaneous.....	98,336	136,306	
Dividends on Illinois Central stock.... (7) 6,652,800	(7) 6,652,800	(6) 5,702,400	
Balance, surplus.....	\$4,209,530	\$3,482,542	\$3,163,530

**YAZOO & MISSISSIPPI VALLEY.**—Results on 1,211 miles in 1905-06, 1,204 miles in 1904-05. See report at length, V. 81, p. 683, 697. In Jan. 1903, \$569,574 paid for back taxes. V. 77, p. 713.

Year—	Gross.	Net.	Other Inc.	Interest, &c.	Bal., sur.
1905-06.....	\$8,671,250	\$1,312,268	\$1,890	\$1,284,541	\$29,617
1904-05.....	8,670,246	1,917,983	2,847	1,265,186	655,644

Balances in 1905 and 1906 were transferred to insurance fund. No payments were made in 1904 and 1905 to Ill. Cent. as owner of entire \$9,104,000 Loulsv. New Or. & Texas 2d M. Inc. bonds on acct. of arrears of int. (\$6,567,843) on July 1 1906; \$277,712 paid from earn. of 1902-03. V. 81, p. 990.

**OFFICERS.**—Pres., Stuyvesant Fish; 3d V.-P. and Sec., A. G. Hackstaff; Treas., E. T. H. Gibson. 11 Broadway, N. Y.

Directors.—Walther Lutgen, John W. Auchincloss, J. T. Harahan, Charles M. Beach, Cornelius Vanderbilt, Stuyvesant Fish, Edward H. Harriman, John Jacob Astor, Charles A. Peabody, John C. Weiling, R. W. Golet, and, ex-officio, Hon. Charles S. Deneen, Governor of Illinois.—(V. 82, p. 452, 804, 1268; V. 83, p. 155, 213, 885, 896.)

**ILLINOIS IOWA & MINNESOTA RY.**—(See Map.)—Operates Rockford, Ill., to Momence, 125 m., of which Aurora to Jollet, 24 m., is Elgin Jollet & Eastern trackage. Owns entire stock and bonds of Rockford Belt Ry. V. 81, p. 1175.

The Milwaukee Rockford & Eastern Ry., a subsidiary, has a projected line from Rockford, Ill., to Milwaukee, Wis., via Beloit and Janesville, 103 miles. The Illinois Indiana & Gary Ry., another subsidiary, has a projected line from a connection with the I. I. & M. at Peotone, Ill., to Gary Ind., 35 miles, both lines being under survey and expected to be completed in 1907. (V. 82, p. 1212.)

Incorporated in Illinois in Nov. 1902. Stock, \$5,000,000, all outstanding; par of shares, \$100.

**BONDS** are subject to call at 107 and int. on 6 months' notice. Of the \$5,000,000 bonds authorized, \$4,000,000 is issuable at not exceeding \$30,000 per mile of main track when completed in 10-mile sections. The remaining \$1,000,000 is issuable (a) on vote of not less than two-thirds of the stock for acquisitions of completed connecting lines, the bonds to be a first lien thereon at not exceeding \$30,000 per mile or (b) at not exceeding \$200,000 yearly for additional lands, buildings, side tracks, second tracks, terminals, improvements and rolling stock, but only when the portion of the road for which they are acquired is in operation. V. 78, p. 2599; V. 79, p. 103. Pres. H. W. Seaman, "The Rookery," Chicago, Ill.—(V. 82, p. 392, 1212.)

**ILLINOIS SOUTHERN RY.**—Owns Salem to Blsmark (including River Transfer, 1 mile), 122.86 m.; Chester branch, Missouri Jct. to Chester, 10.70 m.; Rosborough branch, Sparta to Rosborough, 5 m.; total owned, 138.56 m.; leases Ill. Cent. trackage, Branch Jct. to I. C. Jct., 2.75 m.; total, 141.31 m. Successor June 1 1900 of the Centralla & Chester RR., foreclosed. V. 70, p. 1048; V. 71, p. 29. Stock, com., \$4,000,000; 6% cum. pref., \$1,000,000; par, \$100, all issued. Of the bonds, \$600,000 is reserved for improvements and equipment in 1906-08 at not over \$200,000 yearly. V. 79, p. 500. Equip. notes, incl. int., Jan. 1 1906, \$131,614. For 12 mos. end. June 30, gross, \$336,556 in 1905-06, against \$278,929 in 1904-05.

**REPORT.**—For year ending June 30 1905, in V. 82, p. 158, showed, gross, \$368,747; net, \$190,452; int. and taxes, \$192,421; bal., def., \$1,969. Pres., J. W. Walsh; Sec. and Treas., C. F. Weinland; Aud., A. F. Williams. Office, Grand Central Station, Chicago, Ill.—(V. 82, p. 158.)

**ILLINOIS TERMINAL RR.**—Owns terminals at Alton, Ill., and road, Alton to Hartford, Ill., 6 miles; Hartford to Edwardsville Jct., 7.1 m.; leases from Wabash RR., Edwardsville Jct. to Edwardsville, 1.6 m. Stock, \$500,000; par of shares, \$100. Of the bonds, \$150,000 are reserved for future purposes. V. 79, p. 2205. Year ending June 30 1906, gross, \$107,361; net, \$29,483; interest, rentals and depreciation, \$34,076; bal., def. \$4,593. Pres., Geo. M. Levis.—(V. 79, p. 2205.)

**INDIANA ILLINOIS & IOWA RR.**—In April 1906 consolidated with Indiana Harbor RR. and Danville & Indiana Harbor RR. under the name of the Chicago Indiana & Southern RR. V. 82, p. 803, 868.

**EARNINGS.**—Report for year ending Dec. 31 1905 in V. 82, p. 802 showed: Gross earnings, \$1,812,461; net, \$473,458; other income, \$5,429; charges and taxes, \$245,875; dividends (4%), \$200,000; new construction and equipment, \$30,889; bal., sur., \$2,123.—(V. 82, p. 803, 868.)

**INDIANAPOLIS SOUTHERN RY.**—See Ry. & Ind. Sect. Apr. 1906.

**INDIANAPOLIS UNION RY.**—Owns 3 miles of track, .93 of a mile of road, with terminals at Indianapolis, Ind., and leases for 999 years the Belt RR. of Indianapolis—12 1/2 miles (which see).

Formed in 1850 and furnishes terminal facilities to the several railroads entering Indianapolis. **CAPITAL.**—The Cleveland Cincinnati Chicago & St. Louis, the Pittsburgh Cincinnati Chicago & St. Louis and the Vandalla RR. are virtual proprietors, they having invested in it \$867,917 to June 30 1906. No stock outstanding.

The \$330,000 4% notes of 1904, guar. prin. and int. by Pitts. Cin. Chic. & St. L. and Cleve. Cin. Chic. & St. L., mature Sept. 1 yearly as follows, \$85,000 in 1907 and 1908 and \$80,000 in 1909 and 1910; Commercial Trust Co. of Philadelphia, trustee. V. 80, p. 871.

**EARNINGS.**—1905-06, gross, \$944,055; net, \$168,510; other income, \$4,714; total deductions, \$91,768; bal., sur., \$81,466.—(V. 83, p. 213.)

**INDIANAPOLIS & VINCENNES RR.**—See Vandalla RR.

**INTERBOROUGH-METROPOLITAN CO.—ORGANIZATION.**—Incorporated on Jan. 24 1906 as an amalgamation (per plan V. 82, p. 217, 280) of the Interborough Rapid Transit Co. and Metropolitan Street Ry. In Oct. 1906 more than \$42,333,200 of the \$52,000,000 Metropolitan St. Ry. stock and \$29,187,100 of the \$30,000,000 stock of the Metropolitan Securities Co., its holding company, had been acquired. V. 82, p. 692. See Interborough Rapid Transit Co. below and Metropolitan Street Railway in "Street Railway" Section.

**STOCK.**—All the stock is to be issued except the amounts reserved per plan for exchange of stocks not deposited.

The preferred stock has no voting power except in default of payment of dividends thereon or unless the directors so request. V. 82, p. 217, 280.

**DIVIDENDS.**—Div. on pref., 1 1/4%, paid July 2 '06; Oct. 1, 1 1/4%.

**VOTING TRUST.**—All the common stock is deposited under a voting trust agreement to Mch. 6 1911, subject to termination in the discretion of the voting trustees, viz., August Belmont, Walter G. Oakman, Thomas F. Ryan, Cornelius Vanderbilt and Peter A. B. Widener.

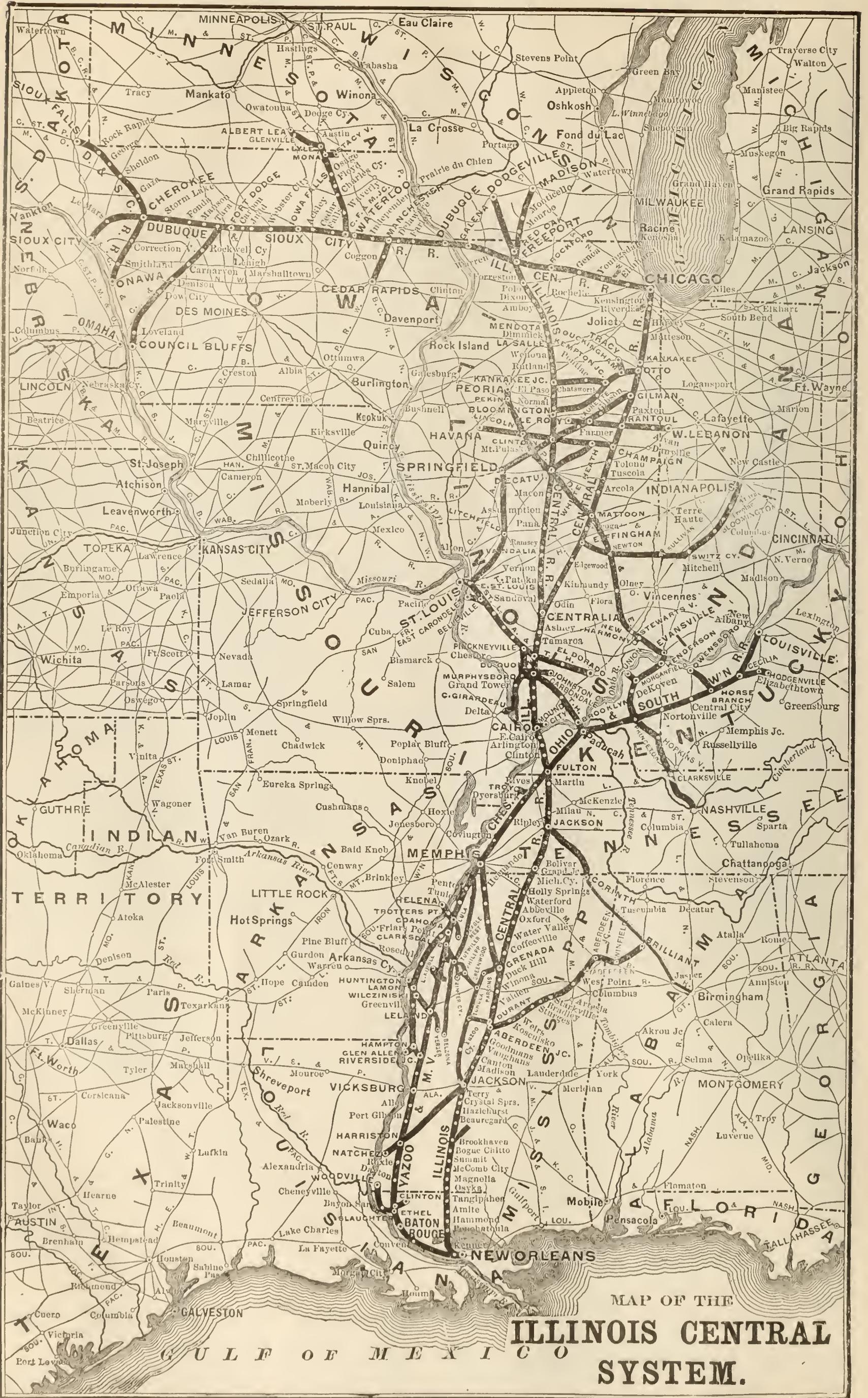
**BONDS.**—The collateral trust bonds (Windsor Trust Co., New York, trustee) are to be secured by pledge of all the stock of the Interborough Rapid Transit Co. or voting trust certificates therefor as acquired at the rate of \$1,000 in bonds for \$500 Interborough Rapid Transit stock, V. 82, p. 280. In July made a \$500,000 five-year 5% mortgage covering property in 218th St. V. 83, p. 95.—(V. 82, p. 1438, 1496; V. 83, p. 95, 155.)

**EARNINGS.**—The combined operations of the Int. Rap. Transit and N. Y. City Ry. systems for 3 months ending June 30 were:

3 mos.—	Gross.	Net.	Other Income.	Interest, rentals, &c.	Balance.
1906.....	\$11,030,377	\$5,749,731	\$240,670	\$5,146,776	\$843,625
1905.....	10,090,510	4,790,956	275,853	4,895,201	171,608

z Includes 7% per annum on unexchanged Met. Street Railway stock and 5% per annum on Int.-Met. pref. stock.

From the balance as above were deducted div. on Int.-Rap. Transit Co. stock, \$787,500 (2 1/4%) in 1906, against \$700,000 (2%) in 1905, leaving bal., sur., \$56,125 in 1906, against def. \$528,392 in 1905.





**INTERBOROUGH RAPID TRANSIT CO.**—(See Map.)—Incorporated May 6 1902 in New York, to operate the municipal tunnel railroad in N. Y. City, extending, with two tracks, from Battery to City Hall, and as a four-track line from the City Hall (with two-track loop at that point) under new Elm St., Fourth and Park avenues, to 42d St., thence under 42d St. and Broadway to 103d St.; also as two-track lines, partly viaduct, (a) from 103d St., on the West Side, to Kingsbridge Station, (b) from 103d St. to the East Side and Bronx Park. Extension (two-track) under the East River via Fulton and Flatbush avenues to Atlantic Av., Brooklyn, there connecting with the Long Island R.R., is to be completed by 1907. Total to be about 62 miles of track on 25 miles of road (of which 19 1/4 subway and 5 1/4 elevated). V. 77, p. 827; V. 80, p. 222, 1912.

On Oct. 27 1904 the West Side main line from 145th Street to City Hall, 9 m., was opened, and on Nov. 23 the East Side line from 145th St. south; and in July 1905 began operating to the Battery and on the East Side to West Farms. The extension to Kingsbridge (221st Street) was opened May 30 1906. V. 82, p. 627, 1268.

Leases Manhattan (Elevated) Ry. for 999 years from Apr. 1 1903. See that co. Has agreement with N. Y. City Interborough St. Ry., controlled by allied interests, which proposes to build various surface roads in Bronx Borough, of which 5 m. operated. V. 80, p. 117, 1175, 1479; V. 82, p. 868, 1268. In March 1906 \$1,780,000 of the \$2,000,000 Subway Realty stock was acquired. V. 82, p. 218, 513.

Owms stock of N. Y. & Queens County Ry., 74 miles, and (jointly with Long Island R.R.), the N. Y. & L. I. Tracton Co., 56 miles. V. 80, p. 2621; V. 83, p. 818. Also owns N. Y. & Long Island R.R. (V. 81, p. 1492; V. 82, p. 751); Pelham Park Ry. and City Island R.R. See list of security holdings, V. 83, p. 155.

**CONTROL.**—In Apr. 1906 the greater part of the \$35,000,000 stock had been exchanged for 200% in 4 1/2% collateral trust bonds of the Interborough Metropolitan Co. (which see above), secured by the stock exchanged.

**CONTRACTS.**—Contract with city calls for the construction of the road from City Hall north for \$35,000,000 and its lease to the company for 50 years from completion, renewable for another 25 years, the rental to be equal to the interest on the city's bonds issued for construction (but not for easements, &c.) and a sinking fund of 1% yearly to retire the bonds. See provision V. 82, p. 1157. The company also at its own expense provided the electrical equipment (costing about \$25,000,000; see V. 82, p. 452). For contract see V. 69, p. 1063. The extension from City Hall, Manhattan, to Brooklyn, is being built without aid from the city except about \$3,000,000 and leased for 35 years with privilege of renewal for 25 years. V. 75, p. 184, 1086, 1202. See V. 76, p. 101, 1234.

Possible extensions, see V. 78, p. 342, 1550; V. 80, p. 117, 2345; V. 83, p. 214.

In July 1906 \$46,816,000 city bonds had been issued, of which \$44,816,000 are 3 1/2% per cents, \$1,500,000 3 per cents and \$500,000 4 per cents. Contention as to Subway payments to city sinking fund, V. 82, p. 986, 1040, 1212, 1268.

**STOCK.**—E. Mora Davison, B. Hamburger and Charles B. Ludlow are the voting trustees till May 15 1907.

**DIVIDEND.**—July 1904, 2%; Jan. 1905, 3%; Apr., 1 1/2%; July, 2%; Oct., 2%; 1906, Jan., 2%; Apr., 2%; July, 2 1/2%; Oct., 2 1/2%.

**NOTES.**—The 4% notes of 1905 (Windsor Trust Co. of New York, trustee) will be equally secured in the event of the company executing a mortgage covering the leasehold interest in the Manhattan Ry. or the Transit Subway Construction Co. or N. Y. & Queens Co. Ry. stock. V. 80, p. 1912.

**EARNINGS.**—For the 12 months ending June 30:

12 months ending June 30.	Gross earnings.	Net earnings.	Other income.	Charges & rental.	Balance, surplus.
1904-5, Man. Ry.	\$13,198,290	\$7,651,354	\$309,552	\$7,009,513	\$951,393
1905-6, Man. Ry.	\$12,794,718	\$7,372,003	\$363,309	\$7,045,553	\$689,759
1905-6, Subway.	6,900,872	3,922,764	352,194	1,795,830	2,479,128

1905-6, total \$19,695,591 \$11,294,767 \$715,503 \$8,841,384 \$3,168,886

**REPORT.**—Balance sheet Apr. 30 1906, V. 83, p. 152.

For year ending June 30 1906, including the Subway Division; in 1904-05 the Subway was operated 8 mos. and 5 days and in 1903-04 Manhattan Division only was operated.

	1905-06.	1904-05.	1903-04.
Gross earnings	\$19,695,594	\$16,837,370	\$14,187,685
Operating expenses	8,400,823	7,397,384	5,846,051
Net earnings	\$11,294,771	\$9,439,986	\$8,341,634
Other income	715,503	491,040	341,504
Net income	\$12,010,274	\$9,931,026	\$8,683,138
Interest and rentals	\$3,586,823	\$2,443,371	\$1,822,180
Taxes	1,390,560	1,203,734	1,071,232
7% on Manhattan stock	3,864,000	3,864,000	3,864,000
Balance for dividends	\$3,168,891	\$2,419,921	\$1,925,726
Dividends	(8 1/2%) 2,887,500	(6 3/4%) 2,362,500	(2) 700,000
Surplus for year	\$281,391	\$57,421	\$1,225,726

**DIRECTORS.**—Alfred Skitt, Morton F. Plant, August Belmont, Andrew Freedman, James Jourdan, James H. Hyde, W. G. Oakman, John Pelree, Geo. W. Young, Wm. A. Read, Cornelius Vanderbilt, New York; E. P. Bryan, New Jersey, and Gardner M. Lane, Boston.

Pres., August Belmont; V.-P., E. P. Bryan; Sec., H. M. Fisher; Treas., D. W. McWilliams. Offices, 13-21 Park Row Building and 23 Nassau St., New York.—(V. 82, p. 1268, 1323; V. 83, p. 152, 155, 435, 818.)

**INTERNATIONAL & GREAT NORTHERN RR.**—(See Map Missouri Pacific.)—Longview, on Tex. & Pac. (near Shreveport, La.), southwesterly to Houston and Galveston, also to Laredo, Tex., on Mex. National R.R., and Spring northerly to Ft. Worth; total Jan. 1905, 1,150 miles, viz.:

Lines owned—	Miles.	Joint trackage—	Miles.
Longview, Tex., to Laredo	494	Galveston Houston & Henderson	
Palestine to Houston, Tex.	150	(jointly with M. K. & T.)	50
Mineola, Columbia, &c.	121	Other lines	26
Fort Worth to Spring	261	Houston Oak Lawn & Magnolia	
Navasota to Madisonville	47	Park Ry.	10

**ORGANIZATION.**—Reorganized without foreclosure in 1892 under plan in V. 54, p. 203, 366. Stock authorized is \$25,000,000; outstanding, \$9,755,000; par, \$100; controlled in interest of Missouri Pacific.

**BONDS.**—The second mortgage interest (sealed to 4 1/2% until and incl. Sept. 1 1897) is now 5%; but in case of default the rate reverts to 6% as formerly. V. 73, p. 445. On Dec. 1 1905 car trust notes and bonds, \$661,461.

**EARNINGS.**—July 1 1905 to June 30 1906, gross, \$6,733,820; 1904-05, \$6,316,321.

Year—	Gross.	Net.	Oth. inc.	Charges, &c.	Balance.
1904-05	\$6,316,300	\$1,440,987	\$10,451	\$1,851,630	def. \$400,191

\*Includes bills payable, \$130,696; prin. of equip. oblig'ns, \$80,300; improvements, &c., \$258,239.—(V. 78, p. 48, 229, 287, 980, 1109, 1165.)

**INTEROCEANIC RY. OF MEXICO, LTD.**—See page 179.

**IOWA CENTRAL RY.**—(See Map.)—Operates Peoria, Ill., west to Oskaloosa, Ia., thence northerly to Albert Lea, Minn., forming a through line via Minn. & St. Louis R.R. from Peoria, Ill., to St. Paul, Minn.

Owms—	Miles.	Leases—(stock owned.)	Miles.
Iowa Jct., Ill., to Manly Jct., Iowa	363	Ia. C. & W., Belmont to Algona	37
Branches to Belmont, &c.	127	Track, Iowa Jct. to Peoria	3
		Manly Jct., La., to Albert Lea, Minn. (owned jointly)	28

Total in earnings July 1 1904.....558

**HISTORY.**—Reorganization (by plan in V. 44, p. 653) of the Central Iowa, sold in foreclosure in 1887-88. In June 1900 Minneapolis & St. Louis interests obtained control through purchase of the common stock; the two properties are operated in close connection. V. 70, p. 1240.

**CAPITAL STOCK.**—The preferred is entitled to 5% (non-cum.), then common to 5, then both share pro rata. V. 62, p. 548.

**DIVIDENDS.**—On pref. in 1892, 1%; 1899, 3%; 1900, 1 1/2%; none since.

**BONDS.**—The refunding 4s of 1901 are secured by a mortgage on the entire property now owned or hereafter acquired, subject to the \$7,650,000 first 5s, for which an equal amount is reserved. The balance are issuable for future extensions at not exceeding \$25,000 per mile, improvements and equip'm't. V. 73, p. 899. Loans and bills payable June 30 1906, \$1,875,000.

**EARNINGS.**—2 mos., 1906.....Gross, \$491,032; net, \$126,366

July 1 to Aug. 31, 1905.....Gross, 446,759; net, 88,123

**ANNUAL REPORT.**—Report for 1904-05 was in V. 81, p. 1370. Soft coal tonnage in year 1905-06 was 856,510 (37% of total tonnage).

Year ending June 30—	1906.	1905.	1904.	1903.
Miles oper. June 30	558	558	558	558
Gross earnings	\$2,958,587	\$2,588,300	\$2,377,105	\$2,405,548
Net earnings (over taxes)	774,849	460,218	425,135	438,558
Tot. net rec'ts (incl. rents)	992,536	661,438	560,607	555,968
Interest, rentals, &c.	755,094	738,511	641,739	554,324

Balance, surplus.....sur. \$237,442 def. \$77,073 def. \$81,132 \$1,644  
—(V. 83, p. 626.)

**JACKSONVILLE TERMINAL RY.**—Owns union freight and passenger depots (the latter opened Feb. 1 1895) and terminal properties at Jacksonville, Fla., including 20 miles of track, used by Atl. Coast Line R.R., Seaboard Air Line and Florida East Coast Ry., which companies guarantee by endorsement the prin. and int. of above bonds, and own the entire stock. Georgia Southern & Florida Ry. also uses depot. V. 71, p. 135. For year 1904-05, gross, \$143,881; net, \$19,381; other income, \$25,743; deductions, \$36,304.—(V. 71, p. 135.)

**JAMESTOWN CHAUTAUQUA & LAKE ERIE RY.**—Jamestown to Westfield, 31 miles; branches, 6 m.; trackage, 1 m.; total, 38 miles. Incorporated in Sept. 1900 and purchased the stock and about 95% of the \$250,000 bonds (5s) of the Jamestown & Chautauqua Ry. and entire stock of Chautauqua Steamboat Co., operating 11 steamers on Chautauqua Lake. Stock, \$600,000, all common. Year ending June 30 1905, gross, \$50,375; net, \$3,502; other income, \$410; charges, \$33,727; bal., def., \$29,805. Pres., F. L. Chase.—(V. 76, p. 212.)

**JEFFERSON RR.**—Owns Lanesboro, Pa., to Carbondale, Pa., 37 miles double track; branch, Hawley, Pa., to Honesdale, Pa., 8 miles. Leased in perpetuity to the Erie R.R. Co. for \$140,000 per annum for main line and \$14,940 for branch. Used by Delaware & Hudson to reach Carbondale Stock, \$2,095,450 (all owned by Erie R.R.).

**JOLIET & NORTHERN INDIANA RR.**—Owns Joliet, Ill., to Lake Station, Ind., 45 miles. Road opened in 1854 and leased to the Michigan Central Stock (\$300,000), all owned by the Michigan Central, carries dividends of 5% per annum. (V. 76, p. 752.)

**JONESBORO LAKE CITY & EASTERN RR.**—V. 81, p. 1100, 1665.

**JUNCTION RR. (Philadelphia).**—Owns Belmont, Pa., to Gray's Ferry, Pa., about 3 miles. Leased for 50 years, from March 1 1899 to Phlla. Balt. & Wash.; lessee to pay fixed charges; keep road in repair and pay bond interest and 6% on stock; bonds are also endorsed with guaranty of Pennsylvania, Phlla. Wilm. & Balt. and Philadelphia & Reading roads, made prior to lease. Stock, \$250,000 (par, \$50); now all held by Phlla. Balt. & Wash. and the Pennsylvania, V. 68, p. 428.—(V. 68, p. 428.)

**KANAWHA & MICHIGAN RY.**—(See Map Toledo & Ohio Central.)—Owns Cornlng, O., to Gauley on the Ches. & Ohio, 177 miles, less 18 miles, Pomeroy to Gallipolis, and 1 mile, Athens to Armitage, where Hocking Val. Ry. tracks are used. Also owns branch of 11 miles leased to Toledo & Ohio Central and Col. Sandusky & Hocking Ry. companies.

In Oct. 1906 about to be consolidated with Hocking Valley R.R. per plan V. 271, 323, the minority stock being offered 60% in new stock.

**HISTORY, &c.**—Reorganization in April 1890 of the Kanawha & Ohio Ry. sold in foreclosure. (V. 50, p. 451, 483.) In Oct. 1890 a majority in the stock was acquired by the Tol. & Ohio Cent., which has guaranteed the bonds, principal and interest. (See V. 52, p. 165, 351.) Capital stock, \$10,000,000 (\$1,000,000 in treasury July 1906). The 1st mtg. bonds are limited only to \$15,000 per mile of road constructed. On June 30 1906, in addition to car trusts shown above, there were obligations on contract equipment, \$291,600; special equipment and betterment loan, \$1,095,000.

**LATEST EARNINGS.**—1906.....Gross, \$398,186; net, \$100,502  
2 mos., July 1 to Aug. 31, 1905.....Gross, 365,439; net, 98,802  
Surp. over 2 mos. charges, \$58,320, against \$59,631 surplus in 1905-06.

**REPORT.**—Report for year 1905-06 was in V. 83, p. 749, showing gross, \$2,152,762; net, \$595,170; other income, \$7,781; interest, taxes, &c., \$302,203; balance, surplus, \$300,748.—(V. 82, p. 1496; V. 83, p. 687, 749.)

**KANSAS CITY BELT RY.**—From Argentine to Valley of Blue River, 10 miles. Stock authorized, \$2,500,000 (par, \$100); outstanding, \$550,000 (par, \$100); owned one-half by Atchison Topeka & Santa Fe and three-tenths by Kansas City Fort Scott & Memphis and two-tenths by Chicago Milwaukee & St. Paul. Double-tracked and used for a terminal road at Kansas City, being leased for 99 years from 1888 to C. M. & St. Paul and Atchison Top. & S. Fe (jointly with other companies) for payment in each case of 3% per annum of cost of property used with equal proportion of cost of conducting transportation and maintenance according to wheelage. The mtg. is for \$2,500,000. The Chicago Rock Island & Pacific Ry. contracted to use the facilities. V. 78, p. 1446. To be acquired by the Kansas City Terminal R.R. Association, incorporated July 11 1906, with \$25,000,000 stock, \$4,000,000 of its bonds to be reserved to pay for the road and retire the bonds. V. 83, p. 95. For year ending June 30 1905, gross, \$381,717; net, \$132,460; interest, taxes, &c., \$172,020; balance, deficit, \$39,560.—(V. 78, p. 1446.)

**KANSAS CITY CLINTON & SPRINGFIELD RY.**—Owns from Olathe, Kan., to Ash Grove, Mo., 154 miles; Raymore Jct. to Pleasant Hill, Mo., 8 m.; Arcadia, Kan., to Springfield, Mo., 85 m. (acquired Sept. 1901 from Kan. City Ft. Scott & Mem. RR.); total, 247 miles. Stock, \$1,775,400. Bonds were guaranteed by the Kan. City Ft. Scott & Mem. RR. (old co.) Under purchase from K. C. Ft. S. & M., \$2,000,000 6% bonds of that co. were assumed. For year ending June 30 1905, gross, \$396,961; net, \$154,749; oth. inc., \$309; chgs., \$309,497; bal., def., \$154,439.—(V. 73, p. 723.)

**KANSAS CITY FORT SCOTT & MEMPHIS RY.**—(See Maps Rock Island Co.)—Operates Kansas City, Mo., to Memphis, Tenn., and branches, 916 m., including trackage 85 m. from Arcadia to Springfield, Mo., owned by K. C. Clinton & Springfield Ry. (which see above). Also has a controlling interest in stock of the K. C. Mem. & Blrm. RR., owning line from Memphis, Tenn., to Birmingham, Ala., with branch, 285 m., and of Kan. City & Memphis Ry. & Bridge Co., owning bridge across Mississippi River at Memphis, 3 miles. Total, 1,201 miles.

**ORGANIZATION.**—Incorporated on June 14 1901 and is vested with the property of the former Kansas City Ft. S. & Mem. Railroad other than the 85 miles from Arcadia to Springfield, sold to the Kansas City Clinton & Springfield; also controls other mileage. V. 72, p. 1237. See V. 72, p. 438, 532, 675, 988. The St. Louis & San Francisco R.R. owns the entire stock and leases the road, guaranteeing the bonds of 1901, principal and interest, and 4% on preferred stock trust certificates.

**STOCK.**—Common authorized, \$45,000,000; outstanding, \$15,000,000, all owned by St. Louis & San Francisco R.R. The pref. stock (\$15,000,000 authorized, of which \$13,510,000 is outstanding, par \$100) is deposited in escrow, and against it are issued trust certificates of the St. L. & San F. R.R., the latter having the option to retire the certificates at any time at par, and obligating itself to pay off the whole issue in 20 years from date (Oct. 1901), meanwhile obligating itself to pay quarterly dividends of 1% thereon. See V. 72, p. 1238.

**BONDS.**—The refunding bonds of 1901 (limited to \$60,000,000) are to be secured by all property now owned, or hereafter acquired with the proceeds of the refunding issue. Of the bonds, \$11,650,000 were subscribed for in June 1901, about \$31,025,770 were reserved for exchange against the face amount of underlying bonds, \$3,000,000 for refunding purposes, \$5,000,000 for improvements betterments and new equipment at the cumulative rate of \$600,000 per annum, and the residue, as well as any bonds not used or required for refunding purposes, will be reserved for issue for additional lines and extensions, at not exceeding \$22,500 per mile thereof. As to guaranty on bonds of 1901, see "organization" above. V. 75, p. 853. See V. 81, p. 559.

In 1902 the K. C. Ft. Scott & Mem. Ry. guaranteed the interest on all except \$398,780 of the \$6,322,780 K. C. Mem. & Blrm. income bonds, beginning March 1, the bonds so guaranteed being stamped with a provision making them subject to call at any time within 10 years from Sept. 1 1902 at 95 and interest. V. 74, p. 477, 577. Equipment notes additional to those in table above, \$65,510 fives, due quarterly July 1 1904 to Oct. 1 1908.

Birmingham Belt bonds are guaranteed, principal and interest, jointly by Kansas City Memphis & Blrm. and St. L. & San Fran. V. 75, p. 1147.—(V. 81, p. 264, 559, 1044; V. 82, p. 987, 1438; V. 83, p. 390.)



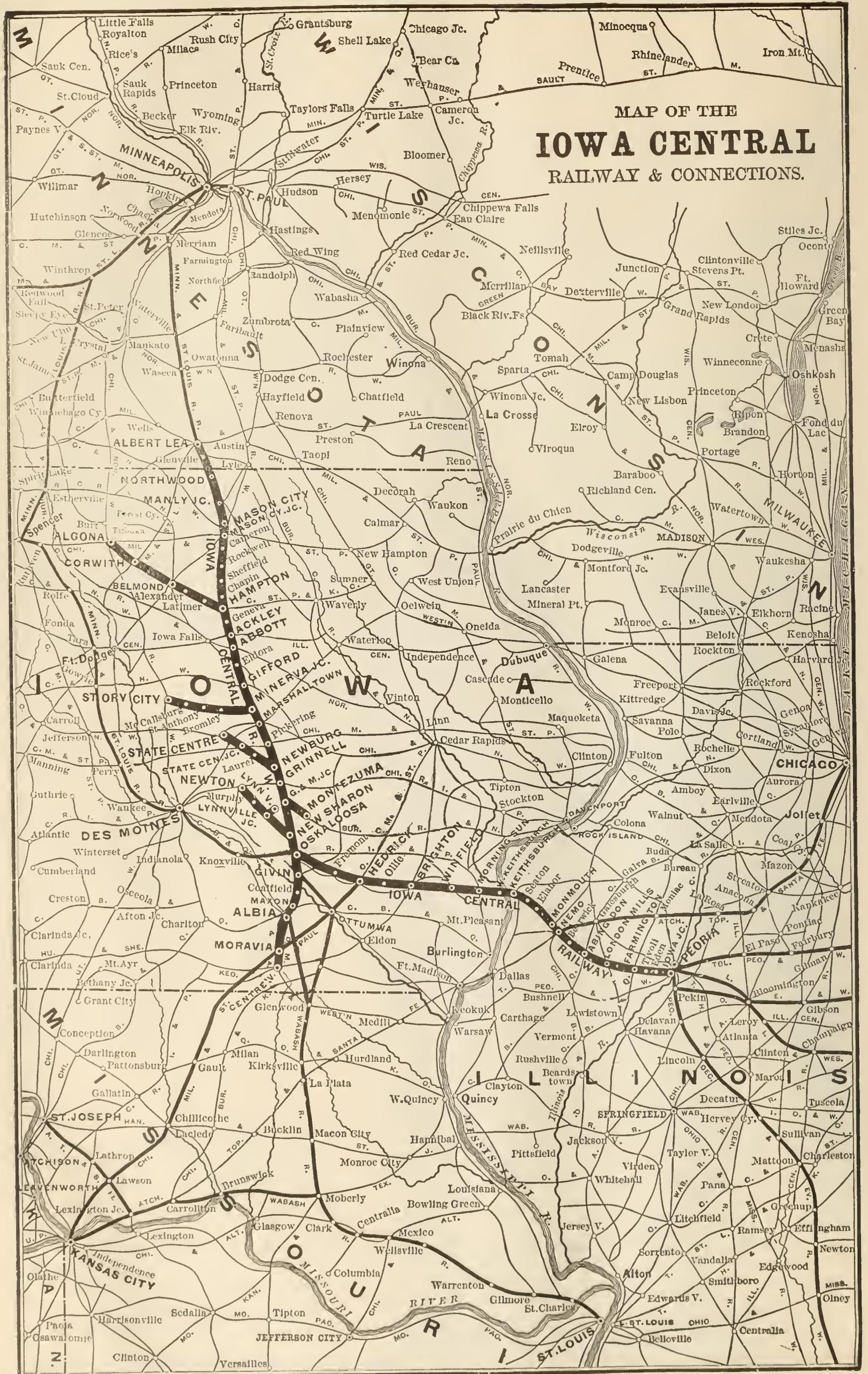


Table with columns: RAILROADS, Miles of Road, Date of Bonds, Size, or Par Value, Amount Outstanding, INTEREST OR DIVIDENDS (Rate %, When Payable, Where Payable, and by Whom), Bonds—Princpal, When Due, Stocks—Last Dividend.

KANSAS CITY LAWTON & PACIFIC RR.—V. 83, p. 751.
KAN. CITY MEMPHIS & BIR. RR.—See Kansas City Fort Scott & Memphis Ry. above.

KANSAS CITY MEXICO & ORIENT RR.—(See Map.)—Projected to extend from Kansas City, Mo., to Topolobampo Bay, Mexico, on the Pacific coast, 1,629 miles; also a cut-off from San Angelo to Spofford Jct., Tex., connecting there with Mexican lines for City of Mexico.

In Mexico a section of 75 miles from the Pacific terminus eastward has been finished and put in operation and the grading begun on the next section. A trackage agreement has been made with the Chihuahua & Pacific for use of its line of 125 miles from Chihuahua westward.

The Kansas City Outer Belt & Electric RR. (see that company below) will, when completed, afford terminal facilities and an entrance into Kansas City.

SECURITIES.—Stock authorized, \$20,000 per mile each in common and non-cumulative 4% pref. stock; outstanding April 1905, pref., \$4,232,400; com., \$2,999,900. Stock is held in a voting trust for 10 years or more.

OFFICERS.—Pres., A. E. Stilwell; V.-P., Enrique C. Creel, W. W. Sylvester, Geo. Crocker and J. S. Braithwaite; V.-P. and Gen. Mgr., Edward Dickinson; Sec., Neal S. Doran; Treas., W. A. Rule.

KANSAS CITY NORTHWESTERN RR.—Entire stock, \$4,016,000 (par, \$100), and \$2,983,500 "B" bonds were purchased in Nov. 1905 by Mo. Pac. Ry., which see; also "Supplement" of Jan. 1903.

KANSAS CITY OUTER BELT (STEAM) & ELECTRIC RR.—This company is constructing a belt line road at Kansas City, the main line, double track, being 7 miles in length, extending from No. Kansas City to the Kaw Valley on the west, with bridge across the Missouri River.

SECURITIES.—Stock authorized, \$2,500,000 com. and \$2,250,000 4% pref. The stock will be held in a voting trust of ten members until the full dividend shall have been paid on the pref. for 5 consecutive years.

KANSAS CITY SOUTHERN RY.—Operates a line extending from Kansas City, Mo., to Port Arthur Texas (thence by its ship canal, 7 miles, to deep water on the Gulf of Mexico), with branches and extensive terminals used by various roads entering Kansas City

Table with columns: Lines Owned, Miles, Lines Owned, Miles. Rows include Kansas City, Mo., to Belt Junction, Grand View, Mo., to Port Arthur, Tex., and Total.

Also owns entire \$650,000 each of stock and bonds of Arkansas Western Ry., Waldron to Heavener, Ark., 32 miles, operated separately; also controls K. C. Shreveport & Gulf Terminal Co.

ORGANIZATION.—A reorganization of Kansas City Pittsburg & Gulf RR., foreclosed in 1900 per plan V. 69, p. 1012, 1062. V. 73, p. 1356; V. 74, p. 94. As to control, see V. 80, p. 997.

SECURITIES.—The stockholders on March 19 1906 authorized an issue of \$10,000,000 of 4 1/2% 20-year improvement bonds, of which \$6,000,000 deposited as collateral for \$5,100,000 six-year 5% notes, proceeds to be used for improvements and equipment.

LATEST EARNINGS.—1905-06—Gross, \$7,752,889; net, \$1,934,320 12 mos., July 1 to June 30. 1904-05—Gross, 7,060,887; net, 1,705,923 Statement covering operations from April 1 1900 (termination of receivership) to Dec. 31 1904 was given at length in V. 80, p. 1370. Report for year ending June 30 1905 in V. 82, p. 332.

Table with columns: 1904-05, 1903-04, 1902-03. Rows include Gross earnings, Operating expenses, Net earnings, Total net income, Taxes, Interest on bonds, Miscellaneous, Deferred renewals, Balance, surplus.

DIRECTORS.—Chairman, Hermann Stelcken; Pres., J. A. Edson; Vice-Pres., H. R. Duval; James A. Blair, Walter T. Rosen, D. G. Bolsseval, Hugo Blumenthal, Andrew J. Miller and Y. Vanden Berg, L. F. Loree, of New York; John J. Mitchell of Chicago; S. W. Fordyce and Adolphus Busch of St. Louis; G. M. Craig, Port Arthur, Tex.; W. F. Harry, Philadelphia, Pa.; Sec. is R. B. Sperry. Office, 25 Broad St., N. Y.—V. 83, p. 492, 687.)

KANSAS CITY TERMINAL RR. ASSN.—To own a union passenger depot and terminal at Kansas City, Mo., with approaches, to be controlled by ten railroads viz.: Chic. R. I. & Pac., Atch. Top. & S. F., Chic. Milw. & St. Paul, Chic. & Alton, St. Louis & San Francisco, Union Pacific, Wabash, Chic. Burl. & Quincy, Mo. Pacific and Mo. Kansas & Texas.

KANSAS CITY VIADUCT & TERMINAL RY.—(See Map.)—Under construction, an elevated railway and highway viaduct from about Bluff and 6th Streets, Kansas City, Mo., to Minnesota Avenue and 4th Street Kansas City, Kan., connecting the railroad and manufacturing districts of the two cities, with approaches. Length, 1.6 miles, with minimum width of 60 feet; material, steel and concrete. See V. 82, p. 160.

STOCK.—Stock authorized and outstanding, \$3,000,000 (par of shares \$100), of which a majority is deposited in a voting trust for 3 years after completion of viaduct or until dividends of 4% have been paid for 2 consecutive years. Voting trustees: Harvey E. Fisk, John P. Reynolds Jr., Francis S. Eaton.

BONDS.—Of the bonds (\$3,500,000 authorized issue), \$2,198,000 has been sold for construction, balance for extensions and improvements. Beginning with 1910 a sinking fund amounting to 6% of gross receipts for preceding year is to be paid July 1 to retire bonds on satisfactory terms; otherwise to be invested.

Pres., John M. Egan; Vice-Pres. and Gen. Mgr., H. L. Harmon; Sec. E. E. Ball; 2d Vice-Pres. and Treas., J. P. Reynolds Jr.—V. 82, p. 160.

KENTUCKY & INDIANA BRIDGE & RR. CO.—Owns steel cantilever bridge over the Ohio River at Louisville and 5 miles of railroad between Louisville, Ky., and New Albany, Ind., and 5 miles of belt line in Louisville; also owns Louisville & New Albany Ferry Co. Successor Jan. 31 1900 to Kentucky & Indiana Bridge Co., sold in foreclosure subject to the \$1,000,000 first mortgage. The Southern Ry., Baltimore & Ohio Southwestern (B. & O.) and Chicago Indianapolis & Louisville own the \$75,000 capital stock, and pay monthly, in proportion to cars handled, any deficit in operations. Of the \$2,500,000 first consol. 4s, \$1,000,000 were reserved to retire the old 5s at maturity and \$500,000 for improvements and betterments. V. 71, p. 492.

EARNINGS.—For year ending June 30 1905, gross, \$262,933; deficit under interest charges, etc., \$203,267. Pres., W. H. McDoel; Sec. and Treas., H. W. Hearlitt; Gen. Mgr., W. M. Mitchell.—(V. 71, p. 287, 342.)

KENTUCKY & OHIO BRIDGE CO.—V. 81, p. 1492; V. 82, p. 1379.

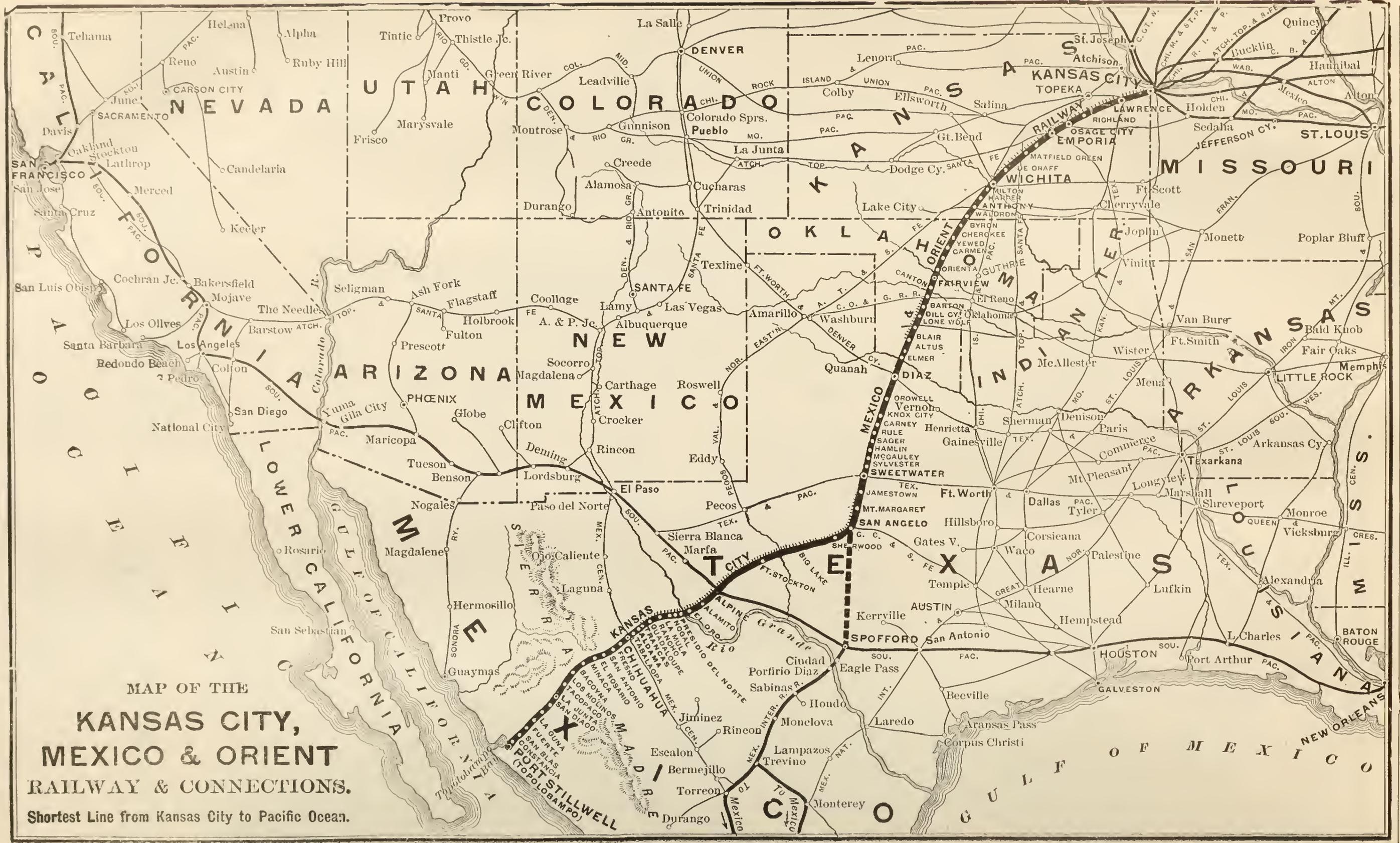
KENTUCKY & TENNESSEE RY.—See page 179.

KEOKUK & HAMILTON BRIDGE CO.—Owns bridge across Mississippi River at Keokuk, Ia., for railroads and foot passengers. The property was originally leased to four companies, but only two companies now use it, these being the Toledo Peoria & Western and the Wabash. Regarding guaranty, see V. 59, p. 969. On judgment of 1889 \$203,000 has been collected; on judgment of 1894, \$142,000; in April 1901 \$142,000 was awarded. V. 72, p. 821. Stock, \$1,000,000; par, \$100. Coupons are in default, but mortgage has never been foreclosed, and part of overdue interest is paid as earnings permit. Last coupon paid was second half of No. 44 (due April 1891) in June 1906.

EARNINGS.—Year ending June 30 1906, gross, \$60,762; net, \$38,834, other income, \$11,954; interest on bonds, &c., \$38,424; balance, surplus—\$12,364. In 1904-05, gross, \$55,983; net, \$41,394. Pres., Andrew Car; negic; Treas., Theodore Gilman, 55 William St., N. Y.—(V. 72, p. 821.)

KEOKUK & DES MOINES RY.—Owns from Keokuk, Ia., to Des Moines, Ia., 162 miles. Leased for 45 years from October 1 1878 to the Chicago Rock Island & Pacific Ry., the lessee to pay 25% of the gross earnings, but guarantees the interest (not the principal) on the bonds. Stock is \$1,524,600 8% preferred and \$2,600,400 common (par, \$100), a majority of which is held by the lessee.

DIVIDENDS.—'94, '95, '96-'98, '99, '00, '01, '02, '03, '04, '05. On preferred, %--- } 95c. 90c None 1/2 1/2 1 1 2 1 1/2 None.



RAILROADS. For explanation of column headings, &c., see notes on first page of tables.	Miles of Road.	Date of Bonds.	Size, or Par Value.	Amount Outstanding	INTEREST OR DIVIDENDS.			Bonds—Principal When Due. Stocks—Last Dividend.
					Rate %	When Payable.	Where Payable, and by Whom.	
Joliet & Northern Indiana—1st M guar p & l	45	1877	1,000	800,000	7	J 10 & J	Farmers L & Tr Co, N Y	July 10 1907
Kansas City St Joseph & Council Bluffs—See Chicago	Burlington & Quincy.							
Kansas City Shreveport & Gulf Terminal—1st M red 105		1897	\$500	\$150,000	4	F & A	120 Broadway, N Y	Aug 1 1927
Kansas City Viaduct & Term—1st M g s f (text) S.c* & r		1905	1,000	See text.	4 1/2	J & J	Flisk & Robinson, N Y	Sept 1 1934
Ken & I Br & RR—Ken & I B 1st M gold assumed		1881	250 &c	1,000,000	5 g	M & S	Louisville	March 1911
First consolidated mortgage \$2,500,000 gold—S.c*		1900	1,000	1,069,000	4 g	A & O	Standard Trust Co, N Y	April 1 1950
Kentucky & Tennessee—1st M \$850,000 gold (see text)		1905		650,000	6 g	M & S	Central Tr Co, Chicago	Sept 1908-1923
Keokuk & Des Moines—Preferred stock 8 %	162		100	1,524,600	See text.	See text.	Office, 71 B'way, N Y	May 2 '04, 1 1/2 %
First mortgage interest guaranteed C R I & P—c*	162	1878	100 &c	2,750,000	5	A & O	do do	Oct 1 1923
Keokuk & Hamilton Bridge—First mortgage—c		1869	1,000	1,000,000	8	A & O	55 Wm St. As earned	April 1 1899
Kewaunee Green Bay & Western—First mortgage—F.c	37	1891	1,000	408,000	5	J & D	Office, 40 Wall St, N Y	June 1 1921
Kingston & Pembroke—First mortgage gold—c	113	1882	1,000	572,000	3 g	J & J	45 Broadway, New York	Jan 1 1912
Klondike Mines—First mortgage \$30,000 per mille—	12	1905	£6,000	360,000	6	J 30 & D	Bk Brit No Am, London	Dec 31 1924
Knoxville & Ohio—See Southern Ry.								
Lake Erie & Detroit River—See Pere Marquette RR.								
Lake Erie & Western—Common stock \$20,000 p m—	711		100	11,840 000				
Preferred stock 6 % (not cum) (\$20,000 per mille)—	711		100	11,840 000	See text.	J & J	Office, Gr Cent Sta, N Y	July 15 '06, 1 %
First mortgage (\$10,000 per mille) gold—c.c*	711	1887	1,000	7,250,000	5 g	J & J	Chase National Bk, N Y	Jan 1 1937
Second M for \$3,625,000 (\$5,000 p m) gold—c.c	711	1891	1,000	3,625 000	5 g	J & J	do do	July 1 1941
Lake Shore & Michigan Southern—Stock			100	49,466,500	8 in 1906	J & J	Grand Cent Stat'n, N Y	July 28 1906 4 %
Guaranteed 10 % stock (Michigan South & Nor Ind)			100	533,500	10	F & A	do do	Aug 1906 5 %
First mortgage \$50,000,000 gold—U.s.c* & r	1,000	1897	1,000 &c	50,000,000	3 1/2 g	J & D		June 1 1997
Bonds (not mortgage) \$50,000,000 gold—G.c* & r		1903	1,000 &c	50,000,000	4 g	M & S		Sept 1 1928
do do \$50,000,000 gold—		1906	1,000 &c	35,000,000	4 g	M & N		May 1 1931
Kalamazoo & White Pigeon first mortgage guar. Un c	37	1890	1,000	400,000	5	J & J	do do	Jan 1 1940
Battle Cr & Stur 1st M gold guar p & l (see M Cen)	41	1889	1,000	79,000	3 g	J & D		Dec 1 1989
Sturgis Goshen & St Louis 1st M gold p & l guar—	36	1889	1,000	322,000	3 g	J & D		Dec 1 1989
Kalamazoo Allegan & Gr Rapids stock rental guar	58		100	610,000	5.95	A & O		Oct 1906
First mortgage guaranteed—Un.c	58	1888	1,000	840,000	5	J & J		July 1 1938
Erie & Kalamazoo (leased) stock Toledo to Palmyra	26		50	300,000	10	F & A	Lincoln Nat Bank, N Y	Aug 1906 5 %
Lake Shore System—Mahoning Coal RR—Stock—c	47		50	1,500,000	10 in '06	F & A	Grand Cent Station, N Y	Aug 1 1906 5 %
Preferred stock (see text)—c	47		50	661,850	5	J & J	Union Trust Co, N Y	Aug 1906 2 1/2 %
1st M Youngs to And etc, guar p & l (end)—Un.c	47	1884	1,000	1,500,000	5	J & J	do do	July 1 1934
Lake Sup & Ishpeming Ry—1st M \$1,200,000 g s f—F.c	20	1896	1,000	265,000	6 g	J & J	Farmers L & Tr Co, N Y	Jan 1 1926

z New York Central holds \$45,289,200 of this.

Rental: In 1904-05 and 1903-04, \$137,500 (bond interest) yearly; in 1902-03, \$156,574.—(V. 68, p. 772.)

KEWEENAW CENTRAL RR.—V. 80, p. 2219.

KLONDIKE MINES RY.—Dawson City to Grand Forks, 12 miles, about completed Aug. 1905, projected from Grand Forks to the Stewart River, 72 miles. Stock authorized, \$2,500,000; outstanding, \$943,000. The Dawson Grand Forks & Stewart River Ry. Corp., Ltd., owns all the stock and bonds. V. 82, p. 509. Bonds, see table above. V. 81, p. 725. Pres., J. A. Seybold; Sec., Andrew Haydon, 19 Elgin St., Ottawa, Can.—(V. 81, p. 725; V. 82, p. 509.)

KONA & KAU RY., HAWAII.—V. 75, p. 289; V. 76, p. 542.

LAKE ERIE & WESTERN RR.—ROAD.—Owns Sandusky, O., to Peoria, Ill., 413 miles; branch to Minster, 10 miles; branch, Indianapolis to Michigan City, 159 miles; Fort Wayne to Connersville and branch to Rushville, 129 miles; total owned, 711 miles; leases Northern Ohio RR., Akron to Delphos, 162 miles; trackage, 13 miles; total operated, 886 miles.

HISTORY, ETC.—Formed in 1887 after foreclosure of the Lake Erie & Western Railway. (See V. 50, p. 590.) In 1899, control passed to the Vanderblits, and on Jan. 1 1906 the Lake Shore & Michigan Southern owned \$5,940,000 common and \$5,930,000 preferred stock. V. 71, p. 1269.

DIVIDENDS— } '91. '92. '93-'98. '99. '00. '01-'03. '04. '05. 1906.  
On preferred ..... } 4 4 1/2 5 yearly 0 2 4 yearly 3 3 3

BONDS.—Abstract of first mortgage in V. 46, p. 45; of second mortgage in V. 54, p. 444. Guarantees \$2,500,000 5s Northern Ohio, which see.

EARNINGS.—For 8 months ending Aug. 31, gross, \$3,467,854, against \$3,159,498 in 1905. For 6 months ending June 30 1906 (partly estimated):

6 mos.	Gross.	Net.	Oth. inc.	Charges.	Div., pref.	Balance.
1906	\$2,518,800	\$618,300	\$8,100	\$505,300	(1%)\$118,400	sur.\$2,700
1905	2,289,300	607,900	4,100	497,700	(1%)118,400	def.4,100

ANNUAL REPORT.—Annual report for 1905 was in V. 82, p. 802.

Year ending Dec. 31—	1905.	1904.	1903.
Gross earnings	\$5,037,295	\$4,998,010	\$5,218,728
Net (including other income)	1,450,454	1,349,675	1,370,935
Deduct—taxes	257,522	213,913	208,018
Interest on bonds	543,750	543,750	543,750
Northern Ohio interest guaranteed	125,000	125,000	125,000
Dividends on preferred stock	(3)355,200	(3)355,200	(4)473,600
Rentals and miscellaneous	80,530	56,465	26,589
Additions and betterments	70,139	44,658	78,569
Balance, surplus	\$18,313	\$11,289	\$15,409

—(V. 80, p. 1232, 2458; V. 81, p. 1789; V. 82, p. 802, 1438.)

LAKE SHORE & MICHIGAN SOUTHERN RY.—(See Maps New York Central.)—Operates from Buffalo to Chicago with branches. The main line (540 miles) includes 26 miles between Toledo and Palmyra, Mich., under lease from the Erie & Kalamazoo.

Road owned directly.	Miles.	Leased (*see this Co.)	Miles.
Buffalo, N. Y., to Chicago, Ill.	540	Kalamazoo A & G. R.	58
Sundry branches	339	Jamestown & Franklin	51
Entire stock owned.		Mahoning Coal RR.	72
Detroit & Chicago	26	Erie & Kalamazoo (26 miles)	Text.
Detroit Monroe & Toledo	55	Detroit Hillsdale & S W	*65
Kalamazoo & White Pigeon	37	Fort Wayne & Jackson	*98
Northern Central Michigan	61	Detroit Toledo & Milwaukee	66
Sturgis G & St. Louis	29	Battle Creek & Sturgis	7
Central Trunk	5		
Elkhart & Western	11	Grand total oper. Jan. 1 '06.	1,520
		Of which owned	1,103

Of the road 535 miles has double track.

By control of "Nickel Plate" the Lake Shore has still another line from Buffalo to Chicago. Operates Dunkirk Allegheny Valley & Pittsburgh, Dunkirk, N. Y., to Titusville, Pa., 91 miles, since Oct. 1 1901 for account of New York Central. (V. 73, p. 663.) Leases portion of Detroit Toledo & Milwaukee RR., extending from Dundee to Homer, Mich., 66 1/2 miles. V. 74, p. 379; V. 76, p. 1026; V. 82, p. 749.

Owns \$3,000,000 stock of the Chicago Indiana & Southern RR., which see. V. 82, p. 803, 867. Branch from Franklin, Pa., to Brookville, 55 miles, was under construction in Jan. 1906.

ORGANIZATION, & C.—A consolidation on Aug. 16 1869. In Feb. 1898 a majority of the capital stock was purchased by the N. Y. C. & H. R. RR., which gave in exchange its 3 1/2 % bonds at the rate of \$200 in bonds for \$100 in stock. V. 66, p. 288. In 1906 \$45,289,200 stock had been exchanged. V. 69, p. 1237.

New York Chicago & St. Louis road has been controlled by ownership of stock since 1882, Lake Shore now owning \$6,240,000 of its common, \$6,275,000 of its second preferred and \$2,503,000 of its first preferred stock. The company also controls and leases the Mahoning Coal RR. (see Lake Shore "System" below) and owns (besides entire stock of proprietary lines) \$5,000,100 Pittsburgh & Lake Erie stock; \$18,752,700 of the \$35,597,600 Cleve. Cln. Chic. & St. Louis common stock; also \$5,910,000 of the \$11,840,000 common and \$5,930,000 of the \$11,840,000 Lake Erie & Western preferred. V. 71, p. 1269; V. 72, p. 870; V. 82, p. 749.)

Also owns the entire \$5,000,000 stock of the Indiana Illinois & Iowa RR. (mosty acquired in 1902). V. 73, p. 1356; V. 74, p. 41; V. 82, p. 749. In 1901 purchased from surplus earnings \$3,200,000 Lehigh Valley RR. stock for \$1,920,000; total Lehigh stock owned, \$5,700,000. V. 74, p. 879.

Also owns one-half of the \$60,665,000 Reading Co. stock acquired by the Pennsylvania-Vanderbilt interests, viz., \$6,065,000 first preferred, \$14,265,000 second preferred and \$10,002,500 common stock, the other half being held by the Baltimore & Ohio. V. 80, p. 1856. As to purchase of

one-sixth interest in majority Hocking Valley Ry. common stock, see that company. V. 76, p. 102, 158; V. 77, p. 451; V. 83, p. 37.

List of stocks of companies acquired during 1900 to 1905, both inclusive, see V. 78, p. 48, 1904; V. 80, p. 1852; V. 82, p. 749.

DIVID'S.—'91. '92. '93-'97. '98. '99. '00. '01. '02. '03. '04. '05. 1906. Since '90, p.c. 6 1/2 6 1/2 6 y'rly. 6 1/2 7 7 7 7 8 8 8  
The consol. mtge. of 1897 (United States Trust Co., N. Y., and John T. Dye of Indianapolis, Ind., trustees), is for \$50,000,000 of 3 1/2 % gold bonds, tax free, used to retire the several issues of 7s maturing from 1898 to 1903 (see abstract in V. 64, p. 1182) amounting to \$43,192,000, and the balance, \$6,808,000 in refunding said bonds and for general purposes of the company. The mtge covers 829.54 m. of main line and branches—a considerable portion being double tracked—and 181.11 m. of leased lines. V. 66, p. 1140; V. 68, p. 1182; V. 73, p. 1264; V. 75, p. 290; V. 77, p. 2035.

Of the \$50,000,000 authorized debenture 4s of 1903, \$40,000,000 were sold to pay off the \$25,000,000 loan made for the purchase of Reading stock, which matured Jan. 1904, and floating debt incurred for other acquisitions; balance sold in 1905. They are to be secured by any new mortgage. V. 77, p. 1747, 2035; V. 78, p. 48; V. 80, p. 1912.

In Feb. 1906 \$35,000,000 of 25-year 4 % bonds of a new issue of \$50,000,000 were sold for improvements. V. 82, p. 392.

GUARANTIES.—As to guaranties additional to those shown in table above see Detroit Hillsdale & S. W. and Fort Wayne & Jackson.

GENERAL FINANCES.—Nothing has been charged to construction or equip. acct since 1883, the outlays charged to operating expenses for new equip. acct. amounting in 1905 to \$3,360,773 and in 1904 to \$2,776,034, and for construction to \$3,743,020 in 1905, against \$2,781,202, these items being exclusive of expenditures for renewals. Profit and loss surplus Jan. 1 1906, \$17,118,973.

EARNINGS.—For 8 months ending Aug. 31, gross, \$28,014,932 in 1906, against \$24,751,945 in 1905. For 6 months ending June 30:

6 months—	Gross.	Net.	Other inc.	Charges.	Bal., sur.
1906	\$20,607,095	\$4,195,981	\$1,650,000	\$3,429,999	\$2,415,982
1905	18,166,943	4,322,100	960,000	2,910,000	2,372,100

Dividends of 4 % call for \$1,978,660 during each six months.

ANNUAL REPORT FOR 1905 was in V. 82, p. 749.

Year ending Dec. 31—	1905.	1904.	1903.
Total gross earnings	\$38,600,810	\$35,161,053	\$34,768,081
Operating expenses	31,331,510	27,184,280	26,750,993

Net earnings	\$7,269,300	\$7,976,772	\$8,017,088
Net, including other income	\$10,787,963	\$10,547,742	\$10,353,957
Rentals paid	1,305,613	1,068,797	1,104,191
Interest on debt	3,911,037	3,917,852	3,765,223
Taxes	1,050,000	1,050,000	960,161
Dividends on guaranteed stock	53,350	53,350	53,350
Dividends	(8)3,957,320	(8)3,957,320	(7 1/2)3709,987

Surplus over dividends ..... \$510,645 \$500,422 \$761,042  
—(V. 81, p. 1375, 1789; V. 82, p. 334, 392, 509, 749, 1438; V. 83, p. 155.)

LAKE SHORE SYSTEM.—MAHONING COAL RR.—Owns from Youngstown to Andover, O., and branches, 47 miles. Branch (practically second track) from Doughton to Plymouth, on the Lake Shore, 43 miles, of which 18 miles built by Lake Shore was completed in 1903. Leased in perpetuity for 40 % of gross earnings to Lake Shore, which Jan. 1 1906 owned \$865,900 common and \$399,500 preferred stock.

DIVIDENDS.— } '99. '00. '01. '02. '03. '04. '05 to Aug. 1906.  
On common. } 4 1/2 5 4 1/2 8 1/2 8 8 10 yearly.

The preferred stock certificates are 5 % guaranteed and contain a clause making them redeemable at par at option of company.

For year ending Dec. 31 1905, rental, \$911,235; surplus over interest and 10 % on common and 5 % on preferred, \$605,524.—(V. 66, p. 897.)

LAKE SUPERIOR TERMINAL & TRANSFER CO.—Owns 16 miles of West track used for transferring cars between the depots and tracks at West Superior, Wis., of the proprietary companies, viz., Northern Pacific, Chic. St. Paul Minn. & Omaha and Duluth S. W. & Atlantic, which own the \$119,400 stock (\$1,200,000 authorized). Bonds, see table above. D. M. Philbin, Pres., West Superior, Wis.—(V. 82, p. 161.)

LAKE TAHOE RY. & TRANSPORTATION CO.—See Sect. Apr. '06.

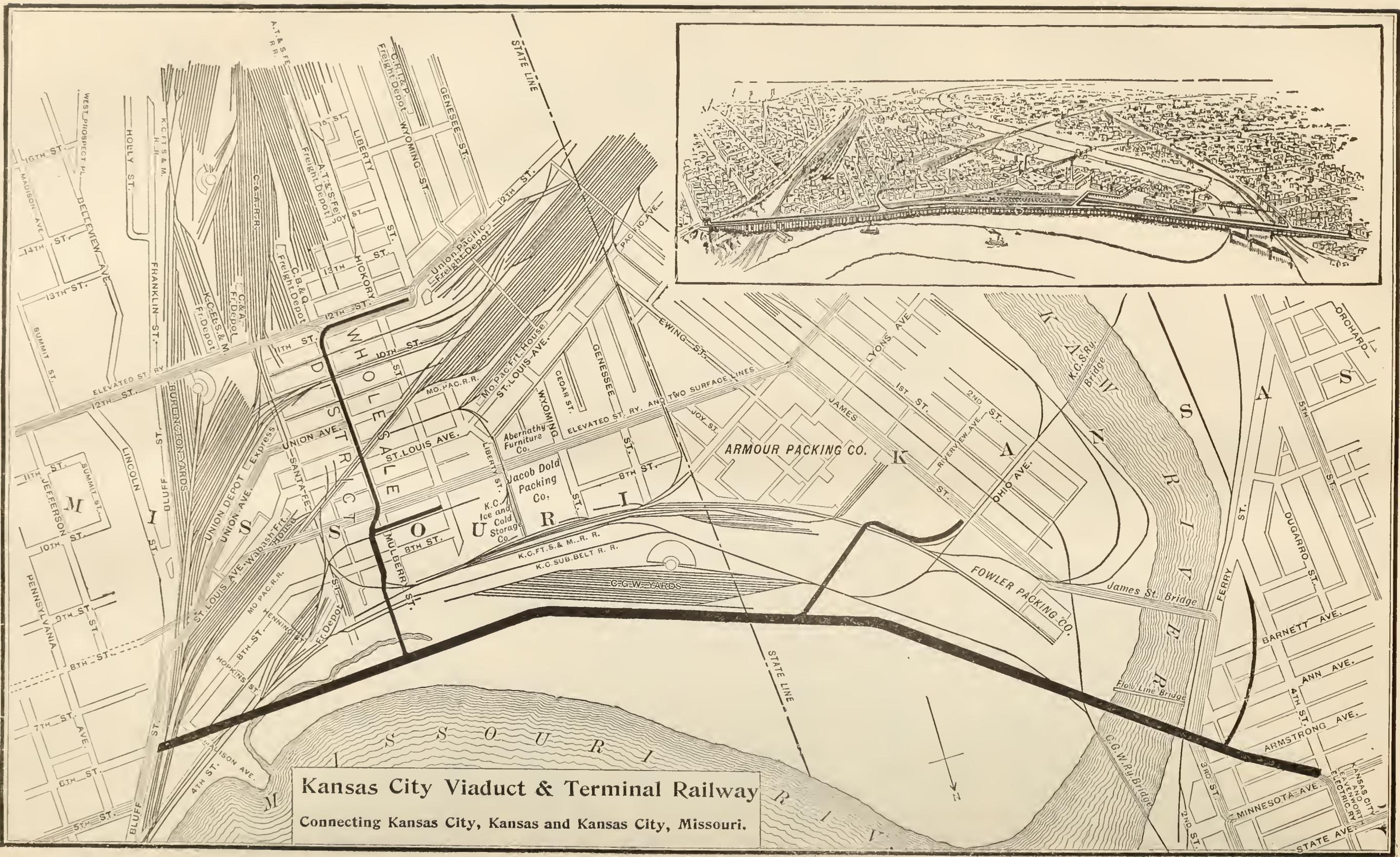
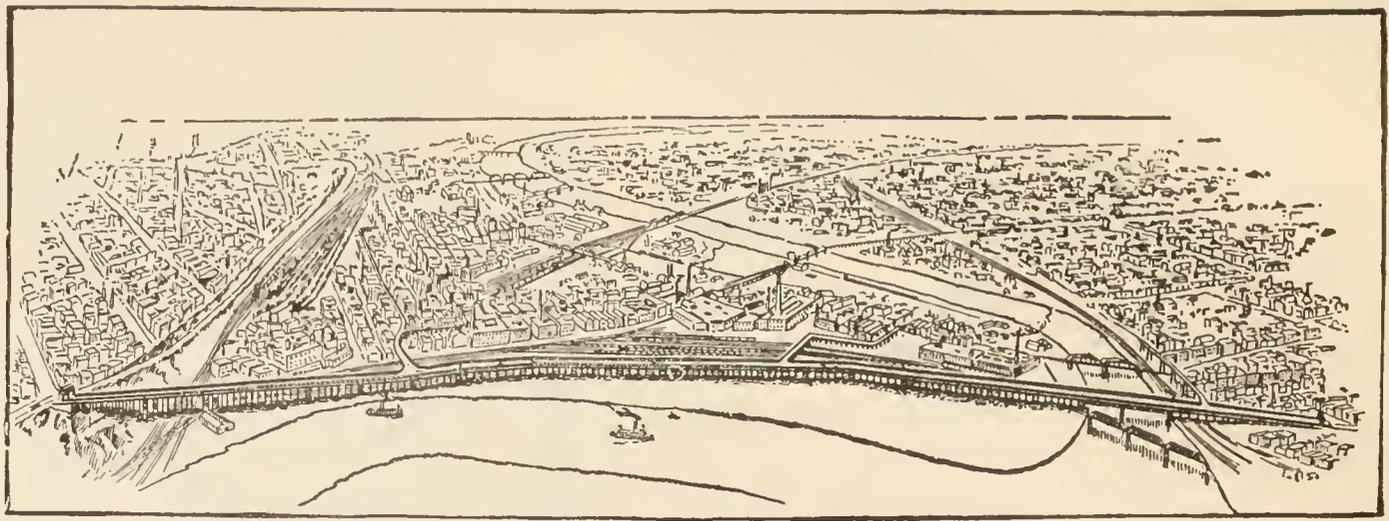
LANCASTER OXFORD & SOUTHERN RR.—See page 179.

LANSING MANUFACTURERS' RR.—See V. 81, p. 1375; V. 82, p. 692.

LARAMIE HAHN'S PEAK & PACIFIC RY.—Grading completed from Laramie, Wyo., via Centennial, 30 miles, on which 17 miles of track laid, balance to be operated in 1906; extension proposed from Centennial to Grand Encampment, being balance of 100 miles. Stock authorized, \$9,000,000, all common, practically all issued; par of shares, \$10. See V. 77, p. 824.) Bonds being issued at \$8,000 per mile on completion of 5-mile sections. In April 1906 sale of entire \$800,000 bond issue was reported. V. 79, p. 968, 2205; V. 82, p. 805. Pres., Fred A. Miller, Laramie, Wyo.—(V. 77, p. 824; V. 79, p. 968, 1642, 2205; V. 82, p. 805.)

LEAVENWORTH TERMINAL RAILWAY & BRIDGE.—Owns highway and railroad bridge (opened Jan. 1 1894), 1,110 ft. long, over Missouri River at Leavenworth, Kan., and valuable terminal property in that city. The mtge. contains a s. f. provision. Kansas City St. Joseph & C. B. (Chicago B. & Q.) and Chic. R. I. & P. use the bridge at an annual rental of \$16,000 each, under a 30-year contract from 1894, and Chic. Gt. Western from Sept. 1 1895, for 30 yrs.; rental \$14,250. For year 1905-06, gross, \$52,198; net, \$32,748; int. on bds., \$30,000; bal., sur., \$2,717. Stock, \$600,000.—(V. 69, p. 494.)

LEHIGH & HUDSON RIVER RY.—Owns from Greycourt, on Erie RR. to Belvidere, N. J., on the Pennsylvania RR., 63 miles. Proprietary lines Orange County RR. (entire stock owned—no bonds issued), Hudson Jct. to



**Kansas City Viaduct & Terminal Railway**  
 Connecting Kansas City, Kansas and Kansas City, Missouri.

RAILROADS. For explanation of column headings, &c., see notes on first page of tables.	Miles of Road.	Date of Bonds.	Size, or Par Value.	Amount Outstanding	INTEREST OR DIVIDENDS.			Bonds—Prin- cipal, When Due. Stocks—Last Dividend.
					Rate %	When Payable.	Where Payable, and by Whom.	
Lake Superior Term & Transfer—1st M \$500,000				\$195,000	6	A & O		April 1 1909
L. Tahoe Ry & Tr Co—1st M \$500,000 s f beg 1905	16	1901	\$1,000	300,000	5 g	A & O	Merc Tr Co, San Fran	Oct 1 1931
Lancaster Oxford & Southern—1st M \$200,000 gold	28	1905	100 & c	200,000	5 g	A & O	Farmers Tr Co, Lancaster	April 1 1935
Lansing Manufacturers—1st M serial interest rental	5	1905		75,000	5 g	J & J	Union Trust Co, Detroit	July 1 1915-'30
Laramie H P & Pac—1st M \$800,000 gold AB.c*		1904	1,000	120,000	6 g	J & J	Amer Loan & Tr Co, Bost	July 1 1929
Leavenworth Terminal Ry & Bridge—1st M gold Ce	3	1893	1,000	600,000	5 g	J & J	Central Trust Co, N Y	Jan 1 1923
Lehigh & Hudson River—1st M gold lnt red to 5 % Ce	42	1881	1,000	800,000	5 g	J & J	National Exch Bank,	July 1 1911
Second mortgage gold	63	1887	1,000	164,000	5 g	J & J	N Y, and First Nat.	July 1 1917
Warwick Valley first mortgage extended in 1900	15	1879	500 & c	145,000	4 1/2	A & O	Bk, Warwick, N Y	July 1 1911
Second mortgage	22	1881	500 & c	240,000	6	A & O		April 1 1912
Leh & Hud Riv gen M \$3,000,000 g (see text) Ce.c*	63	1890	1,000	1,124,000	5 g	J & J		July 1 1920
Equip trust certs gold due \$40,000 yearly PeP.c		1906	1,000	400,000	4 1/2 g	J & D		July 1 '07-'16
Lehigh & New England—1st M \$1,000,000 gold FP		1895	1,000	1,000,000	5 g	J & J	929 Chestnut St, Phila	July 1 1945
Northampton 1st M \$300,000 guar red 105 FP.c*	15	1902	1,000	300,000	5 g	J & J	do do	Jan 1 1952
Lehigh & Delaware 1st gen M redeem at 105		1904	1,000	750,000	5	J & J	do do	July 1 1954
Consolidated mortgage \$3,000,000 gold call at 105	All	1903	1,000	1,380,000	5 g	A & O	do do	Oct 1 1953
Lehigh Valley—Common stock GP			50	40,334,800	4 in 1906	J & J	Checks mailed	July 14 1906 2 %
Preferred stock 10 % (V 79, p 151, 269) GP			50	106,300	10	J & J	do	July 14 1906 5 %
First mortgage extended in gold in 1898 GP.c&r	101	1868	1,000	5,000,000	4 g	J & D	Office, 228 So 3d St, Phila	June 1 1948
Second mortgage	101	1870	1,000	6,000,000	7	M & S	do do	Sept 1 1910
Consolidat M coupon & reg \$4,762,000 4 1/2 s c&r		1873	1,000	10,400,000	4 1/2 & 6	J & D	do do	Dec 1 1923
\$40,000,000 annuity \$2,538,000 are 4 1/2 s FP	461	1873	1,000	12,600,000	4 1/2 & 6	J & D	do do	Irredeemable
General consol M \$150,000,000 gold GP.c&r		1903	1,000 & c	22,000,000	4 g	M & N	Philadelphia	May 1 2003
Collateral trust bonds \$19,000,000 see text GP.c&r		1905	1,000	19,000,000	4 g	F & A	do	Aug '07-Feb 26
Lehigh & N Y 1st M gold guar p & l Mp.c&r	117	1895	1,000	2,000,000	4 g	M & S	Leh Val Office, NY & Phil	Sept 1 1945
Leh Val of N Y 1st M gold guar p & l (end) GP.c&r	283	1890	1,000	15,000,000	4 1/2 g	J & J	J P Morgan & Co, N Y	July 1 1940
Lehigh Val Term 1st M gold guar p & l end Ce.c&r	31	1891	1,000	10,000,000	5 g	A & O	and Philadelphia	Oct 1 1941
Easton & Amboy 1st M Easton to Perth Amboy guar	60	1880	1,000	6,000,000	5	M & N	Office, 228 So 3d St, Phil	May 1 1920
Easton & Nor 1st M gold guar by Leh Val GP.c&r	12	1895	500 & c	51,000	4 1/2 g	M & N	do do	Nov 1 1935
Middlesex Valley 1st M \$600,000 gold Ce.c*	22	1892	1,000	211,000	5 g	M & N	Philadelphia	Nov 1 1942
Penn & NY Can & RR—Cons gu (text) p & l (end) GP.r		1888	1,000	8,500,000	4 4 1/2, 5	A & O	Lehigh Valley RR, Phila	April 1 1939
Elmira Cortland & Nor 1st pref M gold Ce.c*	119	1884	1,000	750,000	6 g	A & O	do do	April 1 1914
First mortgage gold guaranteed p & l (end) Ce	119	1884	1,000	1,250,000	5 g	A & O	do do	April 1 1914
Morris Canal stock 4 % guaranteed 999 years			100	706,700	4	F & A	Office, 228 S 3d St, Phila	Aug 1 1906 2 %
Preferred stock 10 % guaranteed 999 years			100	903,600	10	F & A	do do	Aug 1906 5 %

Maybrook, N. Y., on Cent. N. E. Ry. (Poughkeepsle Bridge), incl. trackage, a total of 13 m.; S. E. & P. RR., Phillipsburg to Easton, 1 m.; trackage, Penn. RR., Belvidere to Phillipsburg, 13 m.; total oper., 90 miles.  
Central RR. of N. J. and Lehigh Coal & Nav. Co. own control. V. 68, p. 568; V. 78, p. 2384; V. 79, p. 269. Stock, \$1,340,000; par, \$100.

BONDS.—Of the \$1,124,000 gen. mtge. bonds out, \$1,062,000 are guar. jointly, p. and l., by the Central RR. of N. J. and Lehigh Coal & Nav. Co. An additional \$1,535,000 are reserved to take up prior liens and \$330,000 for extensions or acquisitions of connecting roads. See form of guaranty, &c., in V. 67, p. 788. Equipment 5s June 30 1905, \$170,000. Equipment trust 4 1/2 s, V. 83, p. 96.

EARNINGS.—12 mos., 1905-06—Gross, \$626,969; net, \$254,302. July 1 to June 30, 1904-05—Gross, 464,108; net, 171,314. Surplus over charges, \$72,491, against \$21,492 in 1904-05.

ANNUAL REPORT.—Incl. Orange County RR. V. 82, p. 449.  
Year end. June 30. Gross. Net. Int., tax, &c. Bal. sur.  
1905—\$481,772 \$166,523 \$145,027 \$21,496  
1904—509,408 196,845 172,408 24,437  
Lewis A. Riley, Pres., Philadelphia, Pa. New directors, Dec. 1904, V. 79, p. 2642.—(V. 81, p. 1791; V. 82, p. 449; V. 83, p. 96.)

LEHIGH & NEW ENGLAND RR.—Operates road from Slatington, Pa., to Campbell Hall, N. Y., 95 m.; Bethlehem to Bangor, Pa., 31 m.; Bath to Martin's Creek, Pa., 20 m.; branches, 32 m.; total, 178 m., of which two sections, aggregating 35 m., are trackage, leaving 143 m. owned. V. 79, p. 2642. In Jan. 1904 Lehigh Coal & Navigation Co. acquired control. V. 78, p. 229, 1781 1962.

SECURITIES.—Stock, \$1,000,000; par, \$50. Of the consols of 1903 (\$3,000,000) \$1,300,000 is issuable to retire underlying bonds, the remainder for extensions and improvements; trustee, Provident Loan & Trust Co., of Philadelphia. V. 77, p. 951

EARNINGS.—For year ending June 30 1906 (132 miles), gross, \$565,109; net, \$205,673; charges, \$185,991; balance, surplus, \$19,682. Pres., W. Jay Turner; V.-P., Lewis A. Riley; Sec. and Treas., H. F. Baker.—(V. 78, p. 1962; V. 79, p. 2642.)

LEHIGH VALLEY RR.—(See Map.)—Jersey City, N. J., opposite N. Y. City, to Buffalo, N. Y., 450 miles, with branches, viz.: (\*See these cos.).  
Fee or Entire Stock Owned—  
Miles. Lehigh & N. Y., Pa. State line to No. Fair Haven, N. Y. 115  
Buffalo, N. Y., to Sayre, Pa. 181 Other 70  
Wilkesbarre, Pa., to Jersey City 174 Leased—  
State Line & Sullivan 24  
Elmira Cortland & Nor\* 139 Other 4  
Branches 549 Trackage to Susp. Bridge, &c. 49  
Pa. & N. Y., Wilkesbarre to Pa. State line (with 43 miles branches) 140  
Total June 30 1906 1,445  
Second track 577

HISTORY, &c.—In 1901 the Erie, Lackawanna, Central of New Jersey, Reading and Vanderbilt interests entered the directory. V. 72, p. 137, 391. The Lake Shore & Mich. So. in 1901 purchased \$3,200,000 of the stock. V. 74, p. 883. The Reading Co. on June 30 1906 owned \$1,000,000 and the Central RR. of N. J. \$1,600,000 stock. V. 81, p. 971. For list of securities owned, see V. 66, p. 187.

In October 1905 the entire capital stock of Coxie Bros. & Co., owning extensive coal properties in Luzerne and Carbon counties, Pa., and of the Delaware Susquehanna & Schuylkill RR., extending from Drifton to Gowen, Pa., 31 miles, with branches, 17 miles, were acquired. See "Finances" below. V. 81, p. 1175, 1242, 1376; V. 82, p. 100; V. 83 p. 702.

COAL PROPERTY.—The Lehigh Valley RR. Co. owns 3,619 acres of coal lands and all the (\$650,000) stock of the Lehigh Valley Coal Co., which in December 1893 owned anthracite coal and surface lands:

	Total acres.	Coal acres.	Est'd yield
Owned in fee	15,217	7,242	124,000,000
Perpetually leased	8,123	5,741	111,000,000
Term leases	1,708	1,708	47,000,000
Controls through stock owned	9,229	4,519	50,000,000

Colleries 54, daily capacity about 30,000 tons. (V. 62, p. 364.) The Hazelton Coal Co. (chartered in 1896) stock is owned and its \$2,000,000 first mortgage 5s also owned and guaranteed—see V. 64, p. 137. In 1905 purchased the holdings of Coxie Bros. & Co. V. 81, p. 1175; V. 83, p. 702. The Coal Co. shipped from colleries owned and controlled 7,667,665 tons of anthracite coal in 1905-06, against 7,975,210 tons in 1904-05; total coal and coke tonnage, 1905-06, was 12,753,053.

DIVS. COM.—'87. '88 to '91. '92. '93. '94 to '03. 1904. '05. 1906 Since 1886. P. c. 4 1/2 5 yearly. 5 1/4 4 None. Aug. 1 4 4

BONDS.—The gen. consol. mtge. of 1903 will secure \$150,000,000 bonds, bearing not to exceed 5 % int., covering the entire road, the stock of the Lehigh Val. Coal Co. and other stocks owned. Of the bonds, \$10,000,000 were issuable at once, \$10,000,000 were reserved to retire \$8,516,000 car trusts, ser. A to G inclus., and \$1,535,000 coal purchase bonds, \$96,000,000 to retire at or before maturity outstanding fixed obligations amounting to \$94,130,000 (incl. the coll. trust bonds, and \$2,000,000 coal trust certificates of 1902, which were called for payment), on payment of which the general consols will be a first lien on all the property of the system, except as to \$12,600,000 annuity bonds, which are a perpetual charge; the remaining \$34,000,000 are issuable at not exceeding \$2,000,000 a year, or such larger amounts as may be authorized by stockholders, beginning Jan 1 1906, for acquisitions, terminals, coal properties, equipment, &c. Old bonds may, however, be extended if necessary for not over two years. Provision may be made at the time of issue of bonds thereunder for the right to convert into stock at the pleasure of the holder not over \$25,000,000 at any one time. V. 77, p. 824; V. 78, p. 287; V. 79, p. 1642; V. 82, p. 1380. See property covered in V. 81, p. 211.

As to collateral trust 4s of 1905, see "General Finances" below.  
GUARANTIES.—Elmira Cortland & Northern RR.—This road, with the Canastota Northern, runs from Elmira to Canastota and Camden, N. Y., 140 miles. Stock, \$2,000,000, is owned. V. 62, p. 364, 1177.

Lehigh Valley Railway Co. of New York.—Owned Buffalo, N. Y., to near Sayre, Pa., 175 m. double track, and branches to Ithaca, Auburn, &c., 106

m.; in all 281 m., covered by \$15,000,000 mtge of 1890, but in 1903 and 1905 consolidated with other sub. cos.; total mileage now is 501 miles. Stock, \$11,200,000, all owned by Lehigh Val. RR. Mortgage abstract V. 51, p. 114. V. 77, p. 147, 972; V. 81, p. 784; V. 83, p. 38.

Lehigh Valley Terminal Railway.—Owned double-track road from South Plainfield, N. J., to Jersey City, with about 125 acres at Jersey City and a large water front there, &c. Merged in Aug. 1903 with other sub. cos. in L. V. of N. J., having a total mileage of 119 m., its \$12,506,000 outstanding stock (\$7,927,000 additional in treasury) being all owned by Lehigh Val. RR. V. 77, p. 972; V. 53, p. 640, 880; V. 81, p. 784; V. 83, p. 703.

Morris Canal.—Leased for 999 years and dividends guaranteed. Bonds all owned by Lehigh Valley. See V. 50, p. 137.

Pennsylvania & New York Canal & Railroad.—Leased for 99 years from Dec. 1 1888 to Lehigh Valley, which has assumed its debt and owns all its stock. The consols include \$4,000,000 of 5 per cents, \$3,000,000 of 4s, \$1,500,000 of 4 1/2 s. V. 62 p. 950.

Lehigh Valley Coal Co.—See "Coal Property" above. V. 81, p. 1726.

Consolidated Real Estate Co.—See V. 78, p. 1223; V. 79, p. 1271; V. 83, p. 702. To June 30 1905 none had been issued.

Seneca County Ry., \$500,000 guaranteed bonds, none issued June 30 1905. See V. 79, p. 1271.

In July 1905 the Lehigh & Lake Erie was authorized to issue \$3,000,000 bonds for a terminal line; the \$1,200,000 issued were in the treasury June 30 1906. V. 81, p. 211; V. 83, p. 702.

GENERAL FINANCES.—In 1904 dividends were resumed. V. 79, p. 103, 77; V. 80, p. 117. In Oct. 1904 \$15,000,000 4 % ref. bonds were sold, providing about \$3,700,000 cash for general capital requirements and for the retirement of the \$7,900,000 mtge. and coll. trust 5 % bonds and \$2,000,000 5 % coal trust certificates. V. 79, p. 1642, 1704, 2205. See "Bonds" above.

The purchase of the stock of Coxie Bros. & Co. (\$2,910,150) and of the Delaware Susquehanna & Schuylkill RR. (\$1,500,000) in Oct. 1905 was financed by an issue of \$19,000,000 coll. trust 4 % bonds, to be retired in \$500,000 semi-annual instalments beginning Aug. 1907 and secured by deposit of those stocks. The bonds are subject to call as a whole at 102 1/2 beginning Aug. 1 1912, or in the order of serial numbers. V. 81, p. 1175 1242, 1376; V. 82, p. 100; V. 83, p. 702.

EARNINGS.—For 2 mos. ending Aug. 31 (exclusive of coal companies):  
2 months—Gross. Net. Other inc. Improv'ts. Net inc.  
1906—\$6,339,871 \$2,849,012 \$209,029 \$406,296 \$2,651,745  
1905—5,484,296 2,309,803 130,326 143,646 2,296,483

ANNUAL REPORT.—Fiscal year ends June 30. The report for 1905-06 was given in V. 82, p. 682, 701. See also editorial, p. 660.

	1905-06.	1904-05.	1903-04.
Earnings from coal	\$13,248,565	\$13,530,337	\$12,835,076
Miscellaneous freight	13,934,127	12,432,583	11,994,701
Passengers	3,971,392	3,509,825	3,155,715
Mall, express, &c	1,635,772	1,803,098	1,896,246

Total gross	\$32,789,857	\$31,275,843	\$29,881,738
Operating expenses	20,152,211	18,929,701	18,870,300
Net earnings	\$12,637,646	\$12,346,141	\$11,011,438
Other income	808,852	453,011	505,477

Total income	\$13,446,498	\$12,799,152	\$11,516,915
Additions and improvements	1,570,227	1,411,551	1,465,290
Interest and rentals	5,673,892	5,217,376	5,083,583
Taxes	707,040	724,050	679,813
Miscellaneous	43,755	53,286	32,667

Total deductions	\$7,994,914	\$7,406,263	\$7,261,353
Net income	\$5,451,584	\$5,392,889	\$4,255,560
Net income coal properties	318,489	635,548	856,437
Total net income	\$5,770,073	\$6,028,437	\$5,111,997
Dividends on preferred stock	(10)10,630	(15)15,945	
Dividends on common stock	(4)1,613,392	(3)1,210,044	

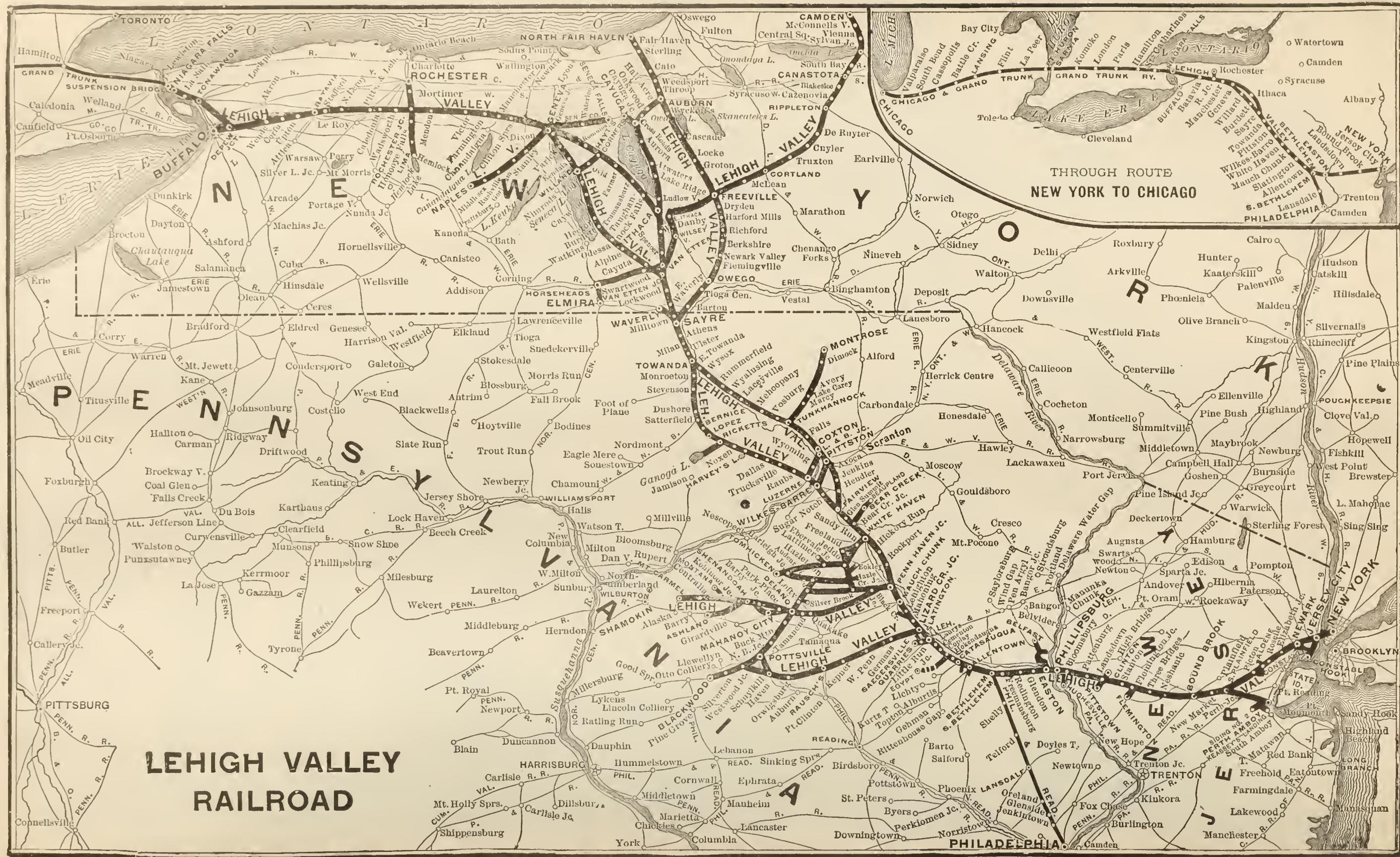
Balance, surplus. \$4,146,051 \$4,802,448 \$5,111,997

Pres., E. B. Thomas, 143 Liberty St., N. Y.; Asst. to Pres., E. A. Albright; 1st V.-P., J. A. Middleton; Gen. Mgr., M. B. Cutter; Treas., W. C. Alderson; Sec., D. G. Baird, 228 So. 3d St., Philadelphia; Executive Com.: Chairman, Eben B. Thomas; Geo. F. Baker, E. T. Stotesbury, Charles Steele, H. McK. Twombly and Geo. F. Baer.  
Directors—Edward T. Stotesbury, S. P. Wolverton, Joseph Wharton, Geo. H. McFadden, Charles Steele, Irving A. Stearns, Abram Nesbitt, H. McK. Twombly, Eben B. Thomas, Geo. F. Baker, E. B. Smith, Geo. F. Baer and Robt. C. Lippincott.—(V. 82, p. 1496; V. 83, p. 38, 682, 701.)

LEXINGTON & EASTERN RY.—Owns from Lexington, Ky., to Jackson, Ky., about 92 miles. Extension from Jackson to Hazard, Ky., 33 miles, to be begun in spring of 1907. Stock, \$500,000; par, \$100. Reorganized without foreclosure in 1901 per plan V. 73, p. 663.

BONDS.—The 1st mtge. 5s were extended at same rate of int. to July 1 1911, the company having the right to call and redeem all or any of them at 102 and int. All int. on the gen. mtge. bonds was waived to Aug. 1 1901, int. thereafter to be paid in cash Feb. and Aug. 1, as follows: 2 % yearly for 5 years, then 3 % for 5 years and 5 % yearly thereafter to maturity. Deferred debentures will be issued from time to time for bal. of the int. not paid in cash on the gen. mtge. bonds accruing after Aug. 1 1901, such debentures (\$375,000 eventually) being payable without int. whenever the company shall decide (either in cash or gen. mtge. bonds), but immediately if a dividend is declared on stock.

EARNINGS.—2 mos., 1906—Gross, \$103,650; net, \$45,071. July 1 to Aug. 31, 1905—Gross, 90,863; net, 31,648. Year ending June 30 1906 (92 miles), gross, \$528,912; net, \$231,660; other income, \$2,250; charges, \$137,900; bal., sur., \$96,010. Pres., Arthur Cary, Lexington, Ky.—(V. 76, p. 542.)



**LEHIGH VALLEY RAILROAD**

THROUGH ROUTE  
NEW YORK TO CHICAGO

RAILROADS.	Miles of Road.	Date of Bonds.	Size, or Par Value.	Amount Outstanding	INTEREST OR DIVIDENDS.			Bonds—Princpal, When Due. Stocks—Last Dividend.
					Rate %	When Payable.	Where Payable, and by Whom.	
<i>For explanation of column headings, &amp;c., see notes on first page of tables.</i>								
<b>Lehigh Valley—(Concluded)</b>								
Lehigh Val Coal Co—Snow Shoe 1st M not guar OP.r	---	1884	\$500	\$365,000	5	J & J	Philadelphia	Jan 1 1910
Lehigh & Lake Erie first mortgage \$3,000,000 auth	---	1905	---	See text.	---	---	---	---
L V Coal Co 1st M \$12,000,000 g s f not drawn.c* & r	---	1892	1,000	10,114,000	5 g	J & J	do	Jan 1 1933
do Interest reduced.	---	1892	1,000	1,400,000	4 g	J & J	do	Jan 1 1933
Delano L'd 1st M gold guar s f \$30,000 yearly.. GP	---	1891	1,000	1,089,000	5 g	J & J	do	Jan 1 1932
Consol Real Estate 1st M \$2,600,000 guar Usm	---	1906	1,000	In treasury	4	F & A	---	Feb 1 1956
Equip. trusts Serles C g. due \$200,000 yearly.. PeP	---	1899	1,000	600,000	4 1/2 g	J & D	Phil Penn Co for I, & c	To June 1, 1909
do gold Serles D due \$300,000 yearly.. -----	---	1899	1,000	1,200,000	4 1/2 g	M & S	Prov Life & Tr Co, Phila	To Mar 1 1910
do gold Serles E due \$82,000 yearly.. -----	---	1899	1,000	246,000	4 1/2	F & A	Philadelphia	To Feb 1 1909
do gold Serles F due \$80,000 yearly.. -----	---	1902	1,000	240,000	---	M & N	do	To May 1 1909
do gold Serles G due \$100,000 yearly.. -----	---	1902	1,000	400,000	---	F & A	do	To Aug 1 1910
do gold Serles H due \$90,000 yearly.. -----	---	1905	1,000	None	Oct 06	---	---	To Feb 1 1913
Maritime mortgage bonds.								
Lexington & Eastern—1st M g ext in 1901 red 102Ce.c*	---	1895	1,000	850,000	5 g	J & J	J K Tod & Co, New York	July 1 1911
General mortgage gold. Co.r	92	1895	1,000 &c	1,500,000	See text.	F & A	See text.	Feb 1 1935
Lime Rock—Consolidated refunding mortgage gold..	12	---	1,000	400,000	4 g	J & J	Portland Me.	July 1 1929
Litchfield & Madison first mortgage \$1,000,000 g EC	44	1904	1,000	600,000	5 g	M & N	52 Wm St, N Y; & Chic	Nov 1 1934
Little Falls & Dolgeville—1st M \$250,000 gold	---	1903	100 &c	250,000	3 g	J & J	Amer Exch Nat Bk N Y	Sept 10 '06 2
Little Miami—Stock com guar 8 1/2 99 years P C & St L	---	---	50	4,943,100	8 2-5	Q—M 10	Office, Fosdick Bldg, Cln	Sept 10 '06 2
Renewal mortgage. c	84	1882	1,000	1,500,000	5	M & N	Bank of America, N Y	Nov 2 1912
New mortgage (\$3,000,000)—V 72, p 184, 241, 1080	84	1901	1,000	2,422,000	3 1/2	F & A	do	Feb 1 1951
Little Rock & Hot sp West—1st M g gu p & lend. SSt	53	1899	1,000	1,140,000	4 g	J & J	St Louis and Philadelphia	July 1 1939
Little Schuylkill Nav RR & Coal—Stock (rental guar)	32	---	50	2,487,850	5 g	J & J	Office, 410 Walnut, Phila	July 13 1906 2 1/2
Long Island—Second (now first) mortgage. c*	155	1878	100 &c	268,703	7	F & A	U S Mort & Tr Co, N Y	Aug 1 1918
Consolidated mortgage gold (\$3,610,000 are 5s) Ce	156	1881	1,000	4,731,000	4 & 5 g	Q—J	do	July 1 1931
General mortgage gold. Ce.c*	163	1888	1,000	3,000,000	4 g	J & D	do	June 1 1938
Long Isl RR M on ferry for \$2,750,000 gold Ce.c*	---	1892	1,000	1,494,000	4 1/2 g	M & S	do	Mar 1 1922
Stewart Line mortgage of 1932 for \$500,000 gold. Ce	18	1892	1,000	332,000	4 g	J & D	do	June 1 1932
Debenture (\$1,500,000) gold not subject to call	---	1894	1,000	1,135,000	5 g	J & D	do	June 1 1934
New York & Flushing first mortgage assumed	2	1880	1,000	125,000	6	M & S	do	Mar 1 1920
Brooklyn & Montauk 1st M (\$250,000 are 6s) Ce.c*	76	1881	1,000	1,000,000	5 & 6 g	M & S	do	Mar 1 1911
Second M gold ass'd Bus Sta to Eastp & hrs. Ce.c*	76	1888	1,000	600,000	5 g	J & D	do	June 1 1938
Long Island City & Flushing 1st M assumed. c*	12	1881	1,000	600,000	6	M & N	do	May 1 1911
Consolidated mortgage gold assumed. Ce.c*	19	1887	1,000	650,000	5 g	M & N	do	May 1 1937
New York Bay Extension \$200,000 1st M assumed	6	1893	1,000	1,000,000	5	J & J	do	Jan 1 1943

**LIME ROCK RR.**—Owns road in and around Rockland, Me., 11 m.; trackage, 1 m.; total, 12 m. Stock, \$450,000; controlled by the Rockland Rockport Lime Co. of Maine. V. 82, p. 1380. Year ending June 30 1906, gross, \$113,979; net, \$60,147; other income, \$3,679; charges, \$20,558; div. (5%), \$22,500; bal., sur., \$20,767. Office, Rockland, Me.—(V. 82, p. 1380.)

**LITCHFIELD & MADISON RY.**—Owns Litchfield Jct. to Madison, Ill., 44 m.; trackage, 1 m.; total, 45 m. Stock, common, \$500,000; pref., 4% non-cum., \$500,000; par of shares, \$100. Formerly controlled by Chic. Peoria & St. Louis, but in 1904 control was sold to John R. Walsh and associates of Chicago. For year ending June 30 '05, gross, \$168,849; net, \$45,283; int. and taxes, \$32,753; bal., sur., \$12,530. Pres., James Duncan, Alton, Ill.; Sec. and Treas., D. M. Cameron.—(V. 79, p. 2456.)

**LITTLE FALLS & DOLOEVILLE RR.**—Little Falls, N. Y., to Dolgeville, 10 miles. V. 75, p. 48. Stock, \$250,000, of which the N. Y. Cent. & Hudson River in July 1906 acquired a majority. Bonds, see table. For year ending June 30 1906, gross, \$55,185; net, \$21,271; charges, \$10,475. Pres., W. H. Newman; Sec., D. W. Pardee.—(V. 83, p. 272.)

**LITTLE KANAWHA RR.**—Parkersburg, W. Va., to Palestine, 30 m., thence by steamer, 20 m., to Creston; total, 52 m. Stock, \$3,000,000 authorized; issued, \$509,500. In Nov. 1905 the Pittsburg & Lake Erie acquired the road. V. 81, p. 1436; V. 82, p. 628.)

**LITTLE MIAMI RR.**—(See Map Pittsburg Cincinnati Chicago & St. Louis.)—Owns Cincinnati, O., to Springfield, O., 84 m.; branch, Xenia, O., to Dayton, O., 16 m.; Dayton, O., to Ind. State line, 38 m.; leases, Columbus & Xenia RR., Xenia, O., to Columbus, O., 55 m.; Cln. St. Con. RR., 2 miles; total, 195 miles.

**LEASE.**—On Dec. 1 1869 leased to Pittsburg Cincinnati & St. Louis (now Pittsburg Cincinnati Chicago & St. Louis) for 99 years renewable forever. The Penn. RR. Co. is a party to the contract and guarantees its faithful execution. Rental is 8% on \$4,943,100 stock and int. on debt. Lessee's report shows results to lessee: In 1899, profit, \$54,725; 1900, \$65,989; 1901, \$67,151; in 1902, loss, \$92,069; in 1903, loss, \$241,593; in 1904, loss, \$133,746; in 1905, loss, \$167,692. Stock authorized, \$8,000,000. Beginning Dec. '99, 1-5% extra paid each Dec. and June from the surplus invested fund, making div. 8 2-5% yearly.—(V. 74, p. 427.)

**LITTLE ROCK & HOT SPRINGS WESTERN RR.**—(See Map Missouri Pacific.)—Owns Hot Springs to Junction, Ark., 53 miles, of which Benton to Little Rock, 23 m., is leased to Choc. Oklahoma & Gulf RR. V. 68, p. 85; V. 69, p. 283; V. 73, p. 722. Stock, \$1,140,000, all owned by St. Louis Iron Mountain & Southern Ry. (Missouri Pacific system), which guar. the bonds, principal and interest, by endorsement. V. 78, p. 583. Year ending June 30 1906, gross, \$235,092; net, \$63,736; deductions, \$89,735; bal., def., \$25,999. Pres., W. C. Fordyce.—(V. 78, p. 583.)

**LITTLE SCHUYLKILL NAVIGATION RR & COAL.**—Owns from Port Clinton to Tamaqua and Reevesdale, 32 miles. Re-leased on Dec. 1 1896 to Phila. & Read. Ry. for 999 years, and rental reduced from 7% on stock to 5% gold from Jan. 1 1897. Dividends: In 1898, 5 1/2%; 1899, 5 1/2%; 1900, 5; 1901, 5 1/2; 1902, 5 1/2; 1903, 5%; 1904, 5%; 1905, 5 1/2; 1906, 5%. Lessee pays taxes and organization expenses.—(V. 73, p. 554.)

**LONDON TUBE COMPANIES**—See Underground Electric Rys

LONG ISLAND RR —Operates the steam surface roads of Long Island.			
Owns—	Miles.	Leases—	Miles.
Long Island City to Greenport..	95	N. Y. & Rockaway Beach Ry*	12
Long Island City to Montauk..	115	Jamalca & So.Shore (V.78, p.102)	5
Sundry branches .....	106	N. Y. B'klyn & Man. Beach*	18
Total owned (V. 77, p. 2098.)	316	Total Dec. 31 1905 .....	301

Atlantic Avenue RR..... 10 Double track..... 112  
North Shore Branch RR..... 30 (\*Which see.)

In 1905 45 miles of road were converted electrically. V. 81, p. 778, 1436.

**STOCK.**—\$12,000,000; par, \$50; of which Penn. RR. owns \$6,797,900.

**DIVIDENDS.**— } '82. '83 to '90. '91. '92. '93. '94. '95. '96. None  
Per cent. } 1 4 yearly. 4 1/2 5 5 4 1/2 4 4 since.

**BONDS.**—The refunding 4s of 1903 (\$45,000,000 authorized issue) are secured by a lien on the entire road, subject to the \$22,592,000 outstanding old bonds, to retire which an equal amount is reserved; remainder, \$22,408,000, guar. as to prin. and int. by the Penn. RR., were sold, the proceeds to be used for various improvements and additions in connection with the Pennsylvania tunnels to and through New York City, principally for additional terminal facilities at Bay Ridge and Long Island City and for a double-track connection with the New Haven road, for additional freight and passenger terminals, tracks, equipment, and to retire old bonds. V. 78, p. 583, 1549; V. 79, p. 2796; V. 80, p. 1111; V. 81, p. 211; V. 82, p. 868.

In April 1906 an equipment trust was arranged. V. 82, p. 864.  
The *unfitted mortgage* is limited to the amount now outstanding. Bonds are subject to call at 110 in whole or in part on any interest day. V. 68, p. 618. Mtges on real estate, \$971,088. V. 76, p. 266.

**GUARANTIES.**—In addition to guaranteed bonds in table above, guarantees 5% on \$650,000 New York Brooklyn & Manhattan Beach pref. stock as part rental; also 4 1/2% on \$50,000 P. P. & So. Br. stock and 4 1/2% on \$82,500 of the New York & Coney Island stock.  
The shareholders voted Mch. 14 1906 to guarantee, principal and interest, an authorized issue of \$10,000,000 4 1/2% 40-year collat. trust bonds of the Long Island Consolidated Electrical Companies, a holding company, all of whose stock is owned, for the trolley lines owned and controlled. The present issue will provide the cost of acquired and constructed lines, about \$2,140,000, and about \$500,000 is expected to be issued for new lines and extensions during 1906. See V. 82, p. 100, 864.

**IMPORTANT CONNECTIONS.**—Construction is in progress on the city's extension of its Rapid Transit tunnel from Manhattan under the East River and thence to Flatbush Ave. Station, Brooklyn. V. 75, p. 30, 185. The Penn. RR. is also proceeding to build an underground (tunnel) electric railroad for passenger service from Jersey City, under the Hudson River to

a central passenger station at 33d St. and 7th to 10th avenues, and thence under the East River to a connection with Long Island RR., and thus with N. Y. N. H. & H. RR.; see V. 74, p. 830; V. 75, p. 1203. As to improvements, see V. 80, p. 599, 997; V. 81, p. 31.

**LATEST EARNINGS.**—For 6 months ending June 30:

6 Months—	Gross.	Net.	Oth.Inc.	Charges.	Bal., def.
1906.....	\$4,173,614	\$575,096	\$130,540	\$1,132,212	\$426,576
1905.....	3,351,725	461,896	270,082	942,373	210,395

**REPORT.**—Report for calendar year 1905 was in V. 82, p. 864.

	Cal. Years		Years ending June 30—	
	1905.	1904.	1904.	1903.
Gross earnings .....	\$7,824,987	\$7,021,378	\$6,835,847	\$6,440,992
a Operating expenses.....	6,518,047	5,792,911	5,591,970	4,787,968
Net earnings.....	\$1,306,940	\$1,228,467	\$1,243,877	\$1,653,024
Total net.....	\$1,975,117	\$1,772,292	\$1,545,408	\$1,990,087
Interest on bonds.....	1,424,607	1,337,976	1,168,269	967,066
Taxes .....	202,714	183,434	213,835	239,515
a Rentals.....	250,050	250,050	401,056	442,851
Miscellaneous .....	44,925	449	2,287	3,381
Interest on notes, &c.....	30,292	14,772	35,167	31,683

Balance.....sur \$22,529 def \$54,390 def \$275,205 sur \$305,588  
a Operating expenses in 1905 include \$153,411 rentals paid roads operated for net earnings against \$150,649 in 1904, items previously included in chgs. Pres., Ralph Peters; Treas., Henry Tatnall. Broad St. Station, Phila.—(V. 81, p. 971, 1376, 1436; V. 82, p. 100, 281, 628, 805, 864, 868.)

**LORAIN & ASHLAND RR.**—Under construction from Lorain, O., south through Wellington and Ashland to Black Fork River and thence to the Ohio River, passing through the Hocking coal fields. Of this, 25 miles, to Wellington, to be completed about July 1 and 30 miles additional, via Ashland to Mansfield, to be built immediately. Controlled by Joseph Ramsey Jr. and associates. V. 82, p. 628, 805.

**LORAIN & WEST VIRGINIA RY.**—See Wheeling & Lake Erie RR.  
**LOUISIANA & ARKANSAS RY.**—(See Map.)—Hope, Ark., to Tioga, La., 187.8 miles; extension from Packton to Jena, 29 miles; trackage, Tioga to Alexandria, La., 6.3 miles; total, 223.1 miles. Extension proposed from Jena to Natchez, Miss., 47 miles. V. 75, p. 135, 1306.

**STOCK.**—Stock (authorized, \$7,000,000; outstanding, \$3,750,000; shares par \$100), of which \$3,745,000 is deposited with the Standard Trust Co. of New York. Voting trustees 10 years; William Buchanan, Edward E. Porter, Benj. F. Yoakum, Harvey E. Fisk and Charles L. Pack.

**DIVIDEND.**—1 1/2% paid Mch. 1906.  
**BONDS.**—The unissued first 5s (total limited to \$7,000,000) are reserved for betterments, equipment and extensions, of which \$1,000,000 reserved for bridges across Black and Red rivers, and the balance limited to \$20,000 per mile of completed railroad. The entire amount outstanding, but no part will be subject to redemption at 110 and interest on any interest date after Sept. 1 1907. Beginning with Sept. 1907, a sinking fund of \$55,000 per annum to buy bonds, if possible, at 110 and interest or under; otherwise to be invested.

**EARNINGS.**—2 mos. } 1906.....Gross, \$208,700; net, \$67,949  
July 1 to Aug. 31. } 1905.....Gross, 150,486; net, 61,320

**REPORT.**—Report for year ending June 30 1905 was given at length in V. 81, p. 971, 1039, 1050.

Year—	Miles.	Gross.	Net.	Oth.Inc.	Ch'ges.	Balance.
1905-06.....	187	\$1,057,526	\$371,344	\$20,981	\$153,666	\$238,659
1904-05.....	107	844,535	322,823	20,050	141,351	201,522

Pres., Wm. Buchanan, Texarkana, Ark.—(V. 82, p. 1212; V. 83, p. 377.)

**LOUISIANA & NORTH WEST RR.**—Owns Magnolia, Ark., to Natchitoches, La., 114.4 miles; trackage, Magnolia to McNell, 6.4 miles; total, 120.8 miles. Late in 1905 control was changed. V. 82, p. 49.  
Stock, \$10,000,000 authorized, of which \$2,300,000 outstanding; par \$100. Car trusts 1906, \$5,847. Trustee of first mortgage bonds, People's Trust Co., Brooklyn, N. Y. Of the 1st 5s of 1905 (\$10,000,000 authorized issue) \$150,000 is reserved to retire the old bonds and \$425,000 for improvements, equipment, &c. V. 82, p. 628. Pres. and Treas., Geo. W. Hunter, St. Louis, V.-P., Hugh C. Brown, Magnolia, Ark.; Sec., John A. Richardson, Homer La.—(V. 73, p. 957; V. 82, p. 49, 628.)

**LOUISIANA RAILWAY & NAVIGATION CO.**—Owns Shreveport to Baton Rouge, 222 miles; branches from Colfax to Winfield, 28 miles, and from Alexandria to Jena, 8 1/2 miles. Also extension to New Orleans, 79 miles, to be completed about Nov. 1906.

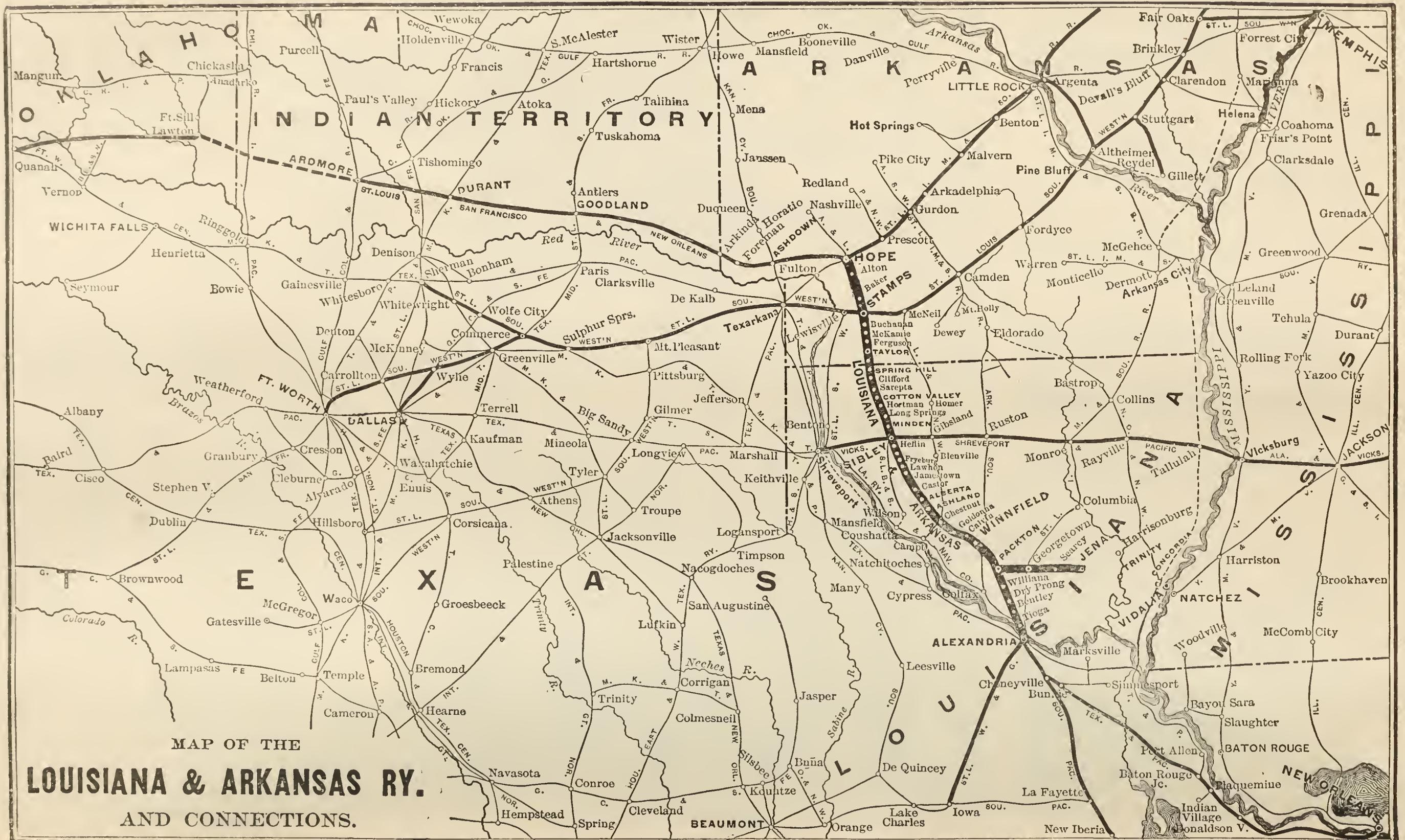
Successor on June 22 1903 of the Shreveport & Red River Valley Ry. V. 77, p. 36. Stock authorized, \$12,000,000; outstanding Oct. 1904, \$4,885,000; par \$100. Bonds (see table above) are limited to \$17,500,000 total issue and \$73,000 per mile \$300,000 has also been issued for a bridge over the Red River at Alexandria; \$4,000,000 is reserved for New Orleans terminals. See official statement, V. 77, p. 36; V. 77, p. 769. Pres., Wm. Ederborn, 24 State St., N. Y.; Sec. and Aud., H. B. Helm; Treas., Clarence Eilertbe, Shreveport, La.—(V. 77, p. 36, 769.)

**LOUISIANA SOUTHERN RY.**—See this Section for July 1905.

**LOUISIANA WESTERN RR.**—(See Map of Southern Pacific.)—Owns from La'ayette, La., to Sabine River, 105 miles; Midland to Eunice, 24 m., Midland to Abbeville, 35 m.; Mallard Jct. to Lake Arthur, 34 m.; total, 198 miles. Operated independently, but in connection with Southern Pacific, which owns practically all the \$3,360,000 stock. In year 1904-05, gross, \$1,194,347; net including other income, \$1,013,003; surplus over charges, \$848,778.—(V. 74, p. 268.)

**LOUISVILLE & ATLANTIC RR.**—Versailles, Ky., to Beattyville Jct., 101 miles of which Miller's Creek to Beattyville, 28 m., opened in Dec. 1902. Stock, \$1,000,000 par, \$100. Year ending June 30 1905, gross, \$245,753; net \$37,576; total deductions, \$75,029; balance, def., \$37,453. Pres. J. P. Ameron; Sec. E. M. Wallace Versailles Ky.—(V. 71, p. 236.)

**LOUISVILLE BRIDGE CO.**—Owns bridge 5,294 feet long over Ohio Riv. at Louisville, Ky., and about 2 miles track additional in Louisville. Used



MAP OF THE  
**LOUISIANA & ARKANSAS RY.**  
 AND CONNECTIONS.

Table with columns: RAILROADS, Miles of Road, Date of Bonds, Size, or Par Value, Amount Outstanding, INTEREST OR DIVIDENDS (Rate %, When Payable, Where Payable, and by Whom), Bonds—Princpal, When Due, Stocks—Last Dividend.

by several railroads—P. C. C. & St. L. Ry., Loulsv. & Nashv., &c. Surplus earnings are paid back to roads using bridge.

STOCK is \$1,500,000; Penn. Co. owned, Jan. 1 1906, \$900,000. Divs. 1896, 6 1/2 %; 1897, 7 %; In 1898, 6 %; In 1899, 3 %; 1900, 8 %; 1901, 6 %; 1902, 5 %; 1903, 13 %; 1904, 4 %; 1905, 6 %.

LOUISVILLE HENDERSON & ST. LOUIS RY.—ROAD.—Louisville to Henderson, Ky., 144 miles (incl. 6 m. trackage); Irvington to Fordsville, Ky., 44 miles; L. & N. trackage, Henderson, Ky., to Evansville, Ind., 12 m.; total, 200 m.

REPORT for year ending June 30 1905 in V. 81, p. 1312. In 1905-06, gross, \$951,859; net, \$249,926; improvements, \$42,563; interest and taxes, \$150,000; surplus, \$57,363.

LOUISVILLE & JEFFERSONVILLE BRIDGE CO.—One half mile long and the approaches one mile opened Jan. 1 1896. Also owns about 40 acres of land in Louisville and 100 acres in Jeffersonville.

LOUISVILLE & NASHVILLE RR.—(See Map.)—ROAD.—Operates main line from Cincinnati, O., to New Orleans, La., 921 miles; with branches to St. Louis, Mo., Memphis, Tenn., &c., 3,284 miles.

Table with columns: Lines owned absolutely or through capital stock, Reported separately, Miles. Includes entries for Nashville Chatt. & St. Louis, Georgia Railroad system, etc.

Total system proper—4,205. Total of all July 1 1906—6,842. In July 1906 the Birmingham Southern, 26 miles, was repurchased by Tenn. Coal Iron & RR.

ORGANIZATION.—Line opened between Louisville and Nashville Nov. 1859. For securities owned and in sinking fund see V. 81, p. 1119, 1120. Control by Atlantic Coast Line.

DIV.—'83-'87 '88 '89 '90 '91 '92 '93 '94-'98 '99 '00 '01-'04 '05 1906 Per cent. } None. 5 stk 5 stk 6 5 4 4 None 3 1/2 4 5 yrly. 6 6

BONDS.—The Evansv. Hender. & Nashv. bonds are drawn at 110 by lot annually in Oct. for payment Dec. 1 in amounts increasing each five years until \$150,000 per year is finally reached; in 1905, \$75,000.

The Pensacola Divison bonds are subject to a drawing sinking fund, \$5,000 till 1900, incl., then \$10,000, and so increasing. Of the bonds, \$175,000 were drawn for payment on Sept. 1 1905, by payments to sinking fund due from Sept. 1889 to 1905, incl.

The general mortgage bonds of 1880 are called at 110 in increasing amounts each year; \$383,000 was paid June 1 1906. In June 1890 the "united" mortgage (trustee, Central Trust Co.) for \$75,000,000 was authorized, \$41,917,660 bonds being reserved to retire all prior liens.

Mobile & Montgomery—Louisville & Nashville joint mortgage is for \$5,000,000; \$1,000,000 reserved for improvements. Kentucky Central mtge. abstract V. 45, p. 372.

The collateral trust 4s of 1903 (\$30,000,000 authorized issue) are secured by deposit of \$24,000,000 L. & N. unified 4s, \$4,779,000 L. & N. Paducah & Memphis division bonds, the latter covering the road from Paducah, Ky., to Memphis, Tenn., 254 miles; \$2,500,000 L. & N. Terminal Co. 4s (V. 75, p. 1354), \$4,121,000 South & North Alabama 5s and \$500,000 Pensacola & Atlantic 6s; total, \$36,640,000 bonds.

In 1902 the Louisville & Nashville and the Southern Ry. acquired \$9,796,900 of the \$10,500,000 Chic. Indianapolis & Loulsv. com. and \$3,873,400 of the \$5,000,000 pref. stock in exchange for their joint 50-year 4 % bonds.

The Atlanta Knoxville & Cincinnati division 4s (\$50,000,000 authorized) cover 507 miles, including 20 miles of trackage. Of the bonds, an equal amount will be reserved to retire at maturity underlying bonds, viz., Kentucky Central 4s, \$6,742,000; Atlanta Knoxville & Northern bonds, \$1,500,000; Maysville & Lexington Nor. Div. bonds, \$400,000.

FINANCES.—Since July 1 1894 the "construction account" has been closed. Amount of permanent improvements was charged in operating expenses in 1905-06 was \$2,586,630; in 1904-05, \$2,562,314.

EARNINGS.—2 mos., } 1906—Gross, \$7,721,695; net, \$2,036,825 July 1 to Aug. 31. } 1905—Gross, 6,710,587; net, 1,909,490

Table with columns: Year ending June 30, 1906, 1905, 1904. Rows include Average mileage, Freight earnings, Passengers, Mall, express, &c., Gross earnings, Operating expenses, Net earnings, etc.

OFFICERS.—Chairman, Henry Walters, N. Y., Pres., M. H. Smith, Louisville; 1st V.-P., W. L. Mapother; 2d V.-P., A. W. Morriss, 71 B'way, N. Y.—(V. 83, p. 380, 432, 492, 811, 818, 823.)

LYKENS VALLEY RR. & COAL CO.—Owns from Millersburg, Pa., to Williamstown, Pa., 20 miles. Lease to Northern Central is terminable on 60 days' notice. Rental, \$35,000 per annum.—(V. 64, p. 330.)

MACON & BIRMINGHAM RY.—Owns Sofkee Jct. to La Grange, Ga., 97 miles; trackage Sofkee to Macon, Ga., 8 m. Since Feb. 1 1904 operated by Ga. South. & Fla. officials, although independently. V. 78, p. 584.

MAINE CENTRAL RR.—Line of road, Portland to Vanceboro, Me., via Augusta, 251 miles; branches, Cumberland Jct. to Skowhegan, via Lewiston, 91 m.; Bath to Lewiston and Farmington, 76 m.; Belfast, Dexter, Bucksport and Mt. Desert, including ferry (7.7 miles), 132 m.; Portland & Ogdensburg Ry., Portland, Me., to Lunenburg, 109 m.; small branches, 8 m.; Upper Coos and Hereford railways, Quebec Jct., N. H., to Lime Ridge, Quebec, 108 m.; Bath to Rockland (including steam ferry, 6-10 m.), 49 m.; total, June 30 1906, 824 miles.

STOCK.—Stock for \$2,516,000 owned by Boston & Maine. V. 72, p. 988. DIVIDENDS.—1884 to July 1903, 6 % yearly; since to Oct. 1906, 7 %.

BONDS.—There are also \$81,000 Maine Shore Line 6s assumed, due 1923; also \$100,500 Belfast & Moosehead Lake mtge. bonds, due 1920, not guaranteed, interest and sinking fund paid out of rental; And. & Ken. scrip bonds, \$11,000, exchangeable for M. C. stock; Maine Central interest scrip exchangeable for consol. bonds, \$8,192. Jointly with B. & M. guarantees \$300,000 Portland Union Station bonds.

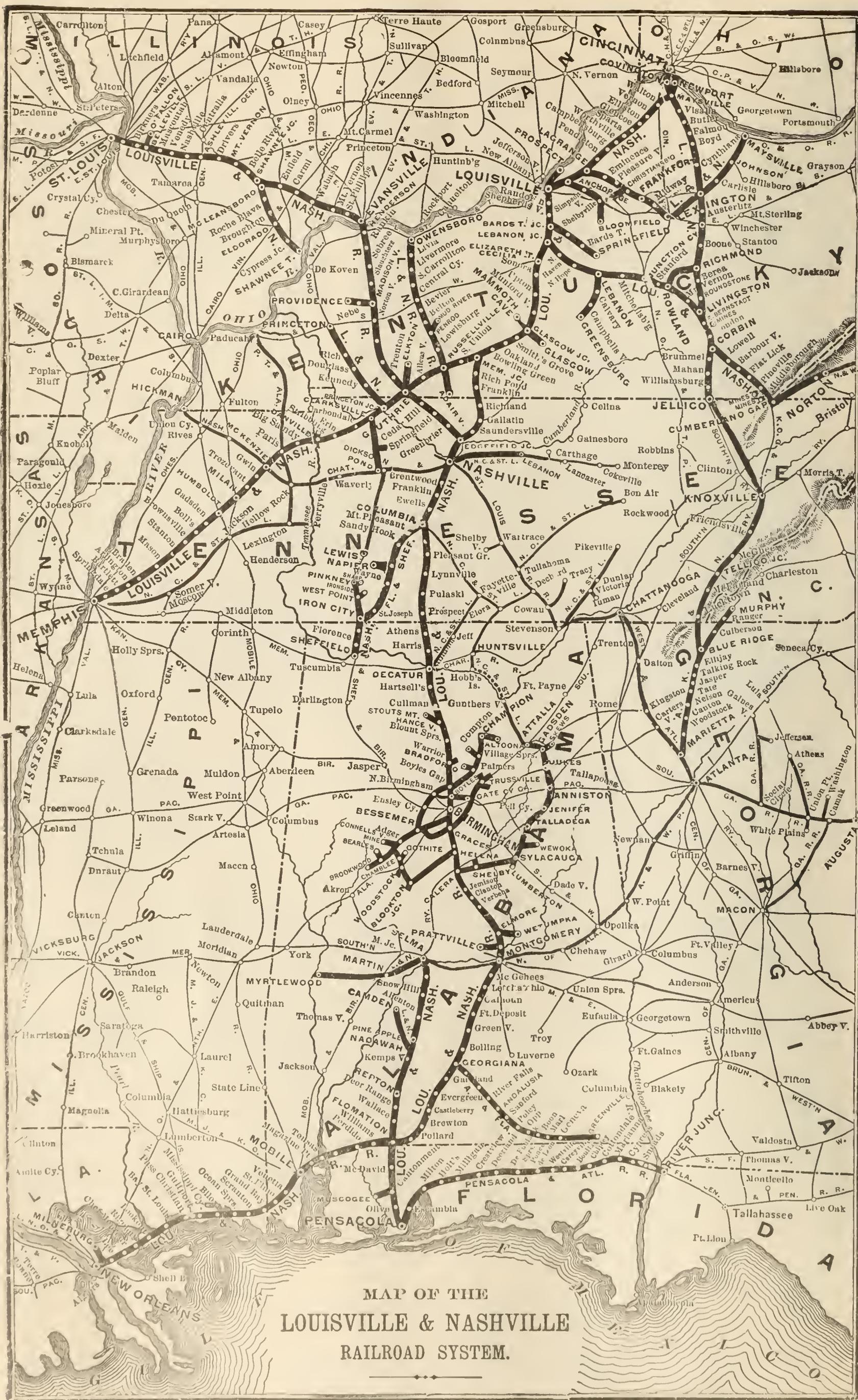
Table with columns: Year end. June 30, 1906, 1905, 1904, 1903. Rows include Gross earnings, Net earnings, Other income, Net income, Interest, Rents, Dividends, Sinking fund, App. Bangor Terminal, Charged off.

Bal., surplus—\$56,218 \$178,871 \$83,305 \$108,628 a Operating expenses in 1905-06 include \$1,262,581 extraordinary expenditures, against \$191,164 in 1904-05, when \$350,000 was also charged against net income for similar purposes.

ANNUAL REPORT.—Report for 1905-06 was in V. 83, p. 814. Year end. June 30— 1906, 1905, 1904, 1903.

Net income—\$1,587,173 \$2,199,666 \$1,650,978 \$1,625,629 Interest—\$617,960 \$631,860 \$613,110 \$643,110 Rents—551,186 515,876 515,876 515,876 Dividends—(7)348,369 (7)348,365 (7)348,318 (6)298,575 Sinking fund—13,440 144,694 29,410 29,440 App. Bangor Terminal. (See foot-} 300,000 note a. } Charged off—50,000

Operating expenses in 1905-06 include \$1,262,581 extraordinary expenditures, against \$191,164 in 1904-05, when \$350,000 was also charged against net income for similar purposes. See V. 83, p. 811.—(V. 79, p. 2640; V. 80, p. 600; V. 81, p. 897, 1433; V. 83, p. 823, 811.)



MAP OF THE  
 LOUISVILLE & NASHVILLE  
 RAILROAD SYSTEM.

Table with columns: RAILROADS, Miles of Road, Date of Bonds, Size, or Par Value, Amount Outstanding, INTEREST OR DIVIDENDS (Rate %, When Payable, Where Payable, and by Whom), Bonds—Principal, When Due, Stocks—Last Dividend.

MANCHESTER & LAWRENCE RR.—Owns from Manchester, N. H., to Methuen (State Line), 22 1/4 miles. Leased for 50 years from Sept. 1 1887 to Boston & Maine at rental paying 10% div. In 1895 a div. of 50% paid from proceeds of C & M. suit.—(V. 73, p. 1264.)

MANHATTAN RY. (ELEVATED).—(See Map Interborough Rapid Transit Co.)—Owns all the elevated railroads in boroughs of Manhattan and the Bronx, N. Y. City, main line and branches, 37 1/2 miles, double-tracked, with 14 miles additional third track, sidings, &c. V. 70, p. 176, 633. Late in 1902 began using electric third rail on entire system. V. 75, p. 733.

LEASE.—The Interborough Rapid Transit Co. leases the road for 999 years from Apr. 1 1913, guaranteeing 7% per annum on the stock. V. 75, p. 1202, 1302; V. 76, p. 212; V. 79, p. 2456; also Interborough Rapid Transit Co., V. 76, p. 101. Guaranty, V. 76, p. 480.

STOCK.—In Sept. 1906 permission was granted by the RR. Commission to issue \$4,800,000 stock, raising the amount to the \$60,000,000 authorized. V. 83, p. 99.

BONDS.—Consolidated mortgage (trustee, Central Trust Co.) is limited on present mileage to \$40,000,000, and will provide for prior bonds when due. Amounts beyond \$40,000,000 may be issued for extensions at the rate of \$300,000 per mile of single and \$600,000 per mile of double track. (See abstract of mortgage in V. 51, p. 248, and application to New York Stock Exchange in V. 52, p. 353.)

To May 1898 claims aggregating \$8,847,854 had been paid as damages to abutting property and other cases were before the courts. See "Chronicle," V. 66, p. 954, and V. 67, p. 789; V. 82, p. 1380. Personal property tax assessment see V. 66, p. 954; V. 67, p. 222; V. 68, p. 188, and V. 71, p. 1120. Taxes in litigation Oct. 1903 (other than franchise tax), per balance sheet, \$303,000. V. 76, p. 212.

DIVIDENDS.—'89, '90-'96, '97, '98, '99, '00, '01, '02, '03. Since 1888. —(%) 5 1/2 6 y'rly. 4 1/2 4 4 4 4 4 7 1/2 7% y'rly

EARNINGS.—For 12 months ending June 30: 12 mos.—Gross, Net, Other Inc, Res & div, Balance. 1905-06 \$12,794,718 \$7,372,003 \$363,309 \$7,045,553 \$689,759 1904-05 13,198,290 7,651,354 309,557 7,009,513 951,393

ANNUAL REPORT.—Report for year 1904-05 was given in V. 81, p. 666, and report for year ending Sept. 30 1903 in V. 77, p. 1872.

Year ending June 30 — 1906, 1905, 1904. Gross earnings \$12,794,720 \$11,198,290 \$14,187,683 Net over operating expenses 7,372,006 7,651,353 8,341,631 Other income 363,308 309,552 341,505 Interest, rentals and taxes 3,181,554 2,097,512 2,893,412 Dividends (7)3,864,000 (7)3,864,000 (7)3,864,000

Surplus after dividends \$689,760 \$1,989,393 \$1,925,726

Yr. Sep. 30. Passengers Yr. Sep. 30. Passengers Yr. Sep. 30. Passengers 1899-90 183,788,851 1901-02 233,427,283 1903-04 292,642,961 1900-01 194,152,316 1902-03 255,565,390 1904-05 257,506,177 —(V. 79, p. 2388; V. 81, p. 666; V. 82, p. 1380; V. 83, p. 99.)

MANILA RR.—To own 633 miles on the island of Luzon, Philippine Islands, of which 208 operated and 425 to be constructed. V. 82, p. 1380; 1102; V. 79, p. 783; V. 83, p. 435. Speyer & Co. a promoting the enterprise. Incorporated June 6 1906 with \$100,000 capital stock.—(V. 82, p. 1380.)

MANISTIQUE MARQUETTE & NORTHERN RR. Manistique, Mich., on Lake Michigan, northerly to Shingleton, on the Duluth So. Shore & Atlantic, 40 m., with branch to McNell's, 13 m.; V. 75, p. 185. Operates ear ferries between Manistique and Northport and Manistique and Ludington on Pere Marquette RR. Stock \$2,000,000, of which the Grand Rapids & Indiana owned \$1,898,800. V. 82, p. 1098. Sold to Toledo Ore. Sept. 21 1905. V. 81, p. 975; V. 78, p. 2012; V. 74, p. 776; V. 76, p. 819. No plan of reorganization formulated to July 1906. For year ending Dec. 31 1903 Gross earnings, \$130,936; net, \$1,890; int. on bonds, \$31,667; def. \$19,776.—V. 81, p. 975.)

MANISTEE & GRAND RAPIDS RR.—See page 179.

MANITOU & PIKE'S PEAK RR.—See page 179.

MARICOPA & PHOENIX & SALT RIVER VALLEY RR.—Maricopa to Phoenix, Ariz., 36 miles; Tempe to Mesa, 7 miles; total, 43 miles. Stock, \$1,000,000; par, \$100; all owned by Southern Pacific Co., which also owns \$539,000 6% and the \$78,000 5% bonds and will purchase road under foreclosure sale ordered Sept. 14 1906. V. 83, p. 687; V. 77, p. 1257.—(V. 77, p. 2280; V. 83, p. 687.)

MARIETTA COLUMBUS & CLEVELAND RR.—Owns from Moore's Junction to Palos, O., 42.08 m.; branches, 7.42 m.; trackage to Marietta, 3.20 m. In Nov. 1905 the Pittsburgh & Lake Erie acquired the road. V. 81, p. 1436; V. 71, p. 810, 1012. Stock, \$250,000. Bonds, \$250,000 4% year gold 5s, due Nov. 1 1940. For year end, June 30 '05, gross, \$63,637; net, \$3,895; total deductions, \$16,028; bal., def., \$12,133. Pres., J. T. Blair, Greenville, Pa.; Sec. and Treas., A. H. Blair.—(V. 75, p. 793; V. 81, p. 1100.)

MARYLAND DELAWARE & VIRGINIA RY.—See page 179.

MARYLAND & PENNSYLVANIA RR.—Baltimore, Md., to York, Pa., 80 miles, with branch Delta to Peach Bottom, 4 m. V. 7, p. 339. To be equipped electrically at least from Baltimore to Beach, 29 m. V. 82, p. 128.

STOCK AND BONDS.—Stock authorized, \$3,600,000, of which \$1,907,500 reserved for future requirements. In 1902 the authorized issue of the first 4s was reduced from \$2,700,000 to \$1,200,000, of which \$203,000 are reserved to retire the York and Peach Bottom 5s and \$97,000 additional for future purposes, &c. V. 74, p. 94, 427; V. 79, p. 705. Maryland & Pennsylvania Terminal guaranteed bonds, V. 8, p. 1031, 1107. Paid on incomes 1901, 3%; since to 1905, inclusive, 2% yearly.

EARNINGS.—12 mos., 1905-06, Gross, \$30,300; net, \$120,221. July 1 to June 30, 1904-05, Gross, 323,371; net, 100,313. Surplus over charges, \$41,220, against \$25,330 in 1904-05.

REPORT.—Report for year ending Dec. 31 1905 in V. 82, p. 509, showed: gross, \$344,206; net, \$114,360; int. on bonds, &c., \$82,236; bal., sur., \$32,124. Pres. John Wilson Brown.—(V. 82, p. 1041, 1102, 1380.)

MASON CITY & FT. DODGE RR.—(See Map Chicago Great Western.)—Owns road from Oelwein, Ia., to Council Bluffs, 260 miles; Hayfield, Minn., to Clarion, Ia., 100 m.; branches to Lehigh and Coalville, Ia., 18 m.; trackage, Council Bluffs to South Omaha, 7 m.; total, 385 m. The Chicago Great Western owns the entire outstanding com. stock (\$19,205,400 of the authorized \$20,000,000) and the non-cum. 4% pref. stock (\$13,635,752 of the \$14,000,000 authorized) and operates the road as part of its main line to Omaha, under an agreement dated April 1 1901, running for 100 years, and later modified, which provides that the Mason City & Ft. Dodge shall receive 60% of all earnings from business interchanged.

Any surplus of net earnings after payment of interest on bonds and pref. stock is to be held in trust by C. G. W. for payment of future coupons. This surplus on June 30 1906 amounted to \$1,062,976. In 1905 \$12,000,000 4% bonds were sold. Compare Chic. Great Western Ry. and V. 73, p. 566, 616, 722; V. 77, p. 640. V. 78, p. 1782; V. 80, p. 2621. Report for year ending June 30 1906 in V. 83, p. 632, showed, gross, \$1,863,456; net, \$667,476; charges, \$530,280; bal., sur., \$137,196.—(V. 80, p. 1380.)

MASSAWIPPI VALLEY RY.—Province Line to Lenoxville, Que., 734 miles, with branch, 3 m.; trackage to Sherbrooke, Que., 3 m.; total, 40 m. Leased for 999 years from July 1 1870 to the Connecticut & Passumpsic Rivers RR. Stock, \$800,000; par of shares, \$100; dividends payable Feb. and Aug. 1. Dividends, formerly 5%, 6% since Jan. 1 '97. Of the stock, \$400,000 owned by the Conn. & Pass. River is deposited under its mtge. and \$50,000 is represented by Connecticut Trust & Safe Deposit Co. of Hartford 5% trust certificates. (See "Supplement" of October 1901.)

MEADVILLE CONNEAUT LAKE & LINESVILLE.—Meadville to Linesville, Pa., 21 miles, and branches, 2 miles; total, 23 miles. Leased to June 8 1889, to Pittsburgh Bessemer & Lake Erie RR.; rental, 25% of gross earnings. Stock, \$200,000; par, \$50.

MEXICAN CENTRAL RY. LIMITED (MEXICO).—(See Map.)—Operates Mexico City north to Juarez City, with branches, viz.:

Table with columns: Owned—Miles, Owned—Miles. Mexico City to Juarez City 1,224 Jimenez to Rosario 96 Mexico to Rio Balsas 181 Other branches 585 Chicalote to Tampico 407 Leased— Tampico to Paredon 370 Mexico Union Ry. 11 Branch, Irapuato to Ameca 217 Bar extension (Tampico to La Barra) 6 Branch, Guadalajara to Tuxpan 120 San Pedro to Paredon 138 Total, Nov. 1905 3,355

In Aug. 1905 an extension was proposed from Lecheria, near City of Mexico, to near Tampico 225 m., including the Pachuca Zacautipan & Tampico Ry. (purchased), Sandoval to Apulco, &c., about 62 m., the unconstructed portion carrying a subsidy of 5% Mexican Government silver bonds at \$10,000 per mile. An extension is also projected to Acapulco. (V. 75, p. 981, 1203.) The Coahuila & Pacific RR., Saltillo to Torreón, Mex., 211 m., was acquired in Aug. 1905, an extension from Saltillo to Paredon, 45 miles, being completed Sept. 1906. V. 80, p. 1856; V. 81, p. 776, 1792. On Sept. 1 1905 acquired most of stock of Mex. Nat. Construction Co., owning road from Zacatecas to Ojocaliente, 30 m., and Manzanillo to Colima, 60 m., a connecting line to be built from Tuxpan to Manzanillo, 192 miles, forming a through line to the Pacific Coast. V. 79, p. 1957; V. 80, p. 1172, 2671; V. 81, p. 31, 726, 1792.

ORGANIZATION.—Incorporated Feb. 25 1880 under the general law of Massachusetts, and also holds a charter from the Mexican Government. Debt readjusted in 1889—see V. 48, p. 191, 292, 327. See also Mexican Cent. Ry. Securities Co., Limited, below. In March 1901 a syndicate headed by H. Clay Pierce of St. Louis acquired a majority of the stock. V. 72, p. 627, 873; V. 75, p. 29; V. 77, p. 299, 401.

SUBSIDY.—The balance of the subsidy trust fund in the hands of the trustee for the payment of int., if needed, on 1st consol. 4s, on June 30 '05, consisted of \$3,636,000 of priority mtge. bonds at cost, \$3,977,477 and \$3,920 cash, \$750,000 priority bds. (cost \$820,437) having been withdrawn from the fd. during the yr. end. June 30 '05 to pay int. V. 81, p. 1046.

STOCK.—Authorized, \$32,000 per mile or \$100,000,000 in all; par, \$100. In July 1906 \$11,285,000 new stock was listed and \$328,200 additional stock was issuable for new mileage and acquisitions, making a total of \$59,454,300. V. 81, p. 1792.

BONDS.—Of the authorized issue of \$8,000,000 priority bonds \$1,403,000 were paid off with subsidy collections, and canceled in 1891; \$1,000,000 was reserved for additional rolling stock; the balance, \$5,597,000, was held as an investment by the trustee of the consol. mtge., but \$1,961,000 was withdrawn in 1904-05 (prior to July 1) toward payment of interest on outstanding consol. 4s; on Dec. 5 1905 \$1,536,000 of the \$1,961,000 had been paid, and \$45,000 was in the treasury. V. 52, p. 390; V. 79, p. 103; V. 82, p. 1097. (See abstract of mtge. in "Chronicle," V. 49, p. 177.)

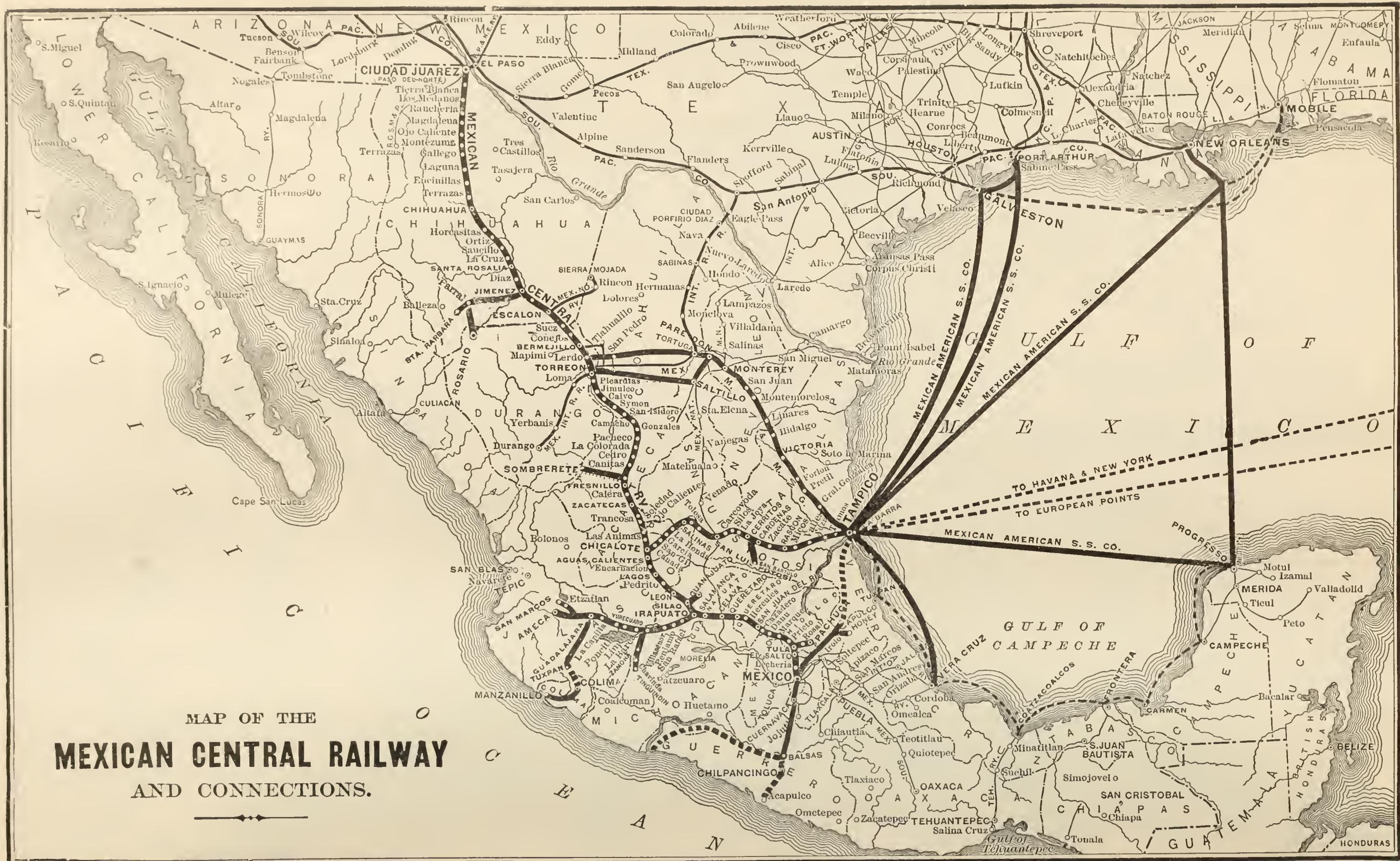
Both series of incomes are non-cum. and secured by one indenture to the American L. & T. Co. of Boston. First incomes received 3% interest in 1890, 1891 and 1892; none since. V. 72, p. 627, 880.

In 1906, in addition to the \$66,874,000 consol. 4s shown above, \$33,341,000 had been certified by the trustee, of which \$16,129,000 were held as collateral for 4 1/2% bonds and about \$16,000,000 for 6% notes of 1904 V. 79, p. 267. See Mexican Central Securities Co. below.

In Dec. 1906 \$33,000,000 of 5% coll. trust notes were sold, maturing July 1910, part of an issue of \$35,000,000, to be used in part to refund the \$9,000,000 coll. trust issues maturing in 1907 and 1908. The present issue will be secured by deposit of \$1,200,000 priority guar. 5s, \$5,000,000 Mex. Pac. guar. 5s, \$5,000,000 Tampico Harbor 1st guar. 5s, \$41,000,000 consol. 4s and \$5,000,000 1st consol. incomes. The coll. trust issues maturing 1907 and 1908 were in July 1906 offered the right of exchange on certain terms. The loan will finance the company's requirements until 1911, when the consols mature. V. 82, p. 1497; V. 83, p. 156.

In 1906 a large amount of equipment was ordered, for which car trusts will be issued. V. 82, p. 1438.

EARNINGS.—Mexican cur. 1905-06, Gross \$28,376,806; net, \$8,566,161. July 1 to June 30 (12 mos.) 1904-05, Gross 26,097,699; net 8,498,523



MAP OF THE  
**MEXICAN CENTRAL RAILWAY**  
 AND CONNECTIONS.



Table with columns: RAILROADS, Miles of Road, Date of Bonds, Size, or Par Value, Amount Outstanding, INTEREST OR DIVIDENDS (Rate %, When Payable, Where Payable, and by Whom), Bonds—Princtpal, When Due, Stocks—Last Dividend.

MEXICAN CENTRAL RY. (Concluded)— ANNUAL REPORT.—Fiscal year ends June 30. Report for year ending June 30 1905 was in V. 81, p. 1040. The gross earnings below are Mexican currency; all other figures U. S. currency. Mexican dollars averaged 48.41c. in year ending June 30 1905, 45.13c. for fiscal year 1903-04 and 42.16c. in calendar year 1902.

Table with columns: Years end. June 30—, Years end. Dec. 31—, Gross earns. (Mex. cur.), Operating expenses, Net earns. (Mex. cur.), do (U.S. cur.).

INCOME ACCOUNT FOR YEAR ENDING JUNE 30 1905. (U. S. CURRENCY.)

Table with columns: Net earnings, Interest on Tampico Harbor Co. bonds, Withdr'n from sub. fund, Total Deduct, Tamp. Harb. Co. rent. acct, Interest on bonds, Chairman of Board, H. Clay Pierce, Pres., A. A. Robinson, Executive Committee: H. Clay Pierce (Chairman of Board), A. A. Robinson, F. H. Prince, C. D. Simpson, Eben Richards, E. N. Foss. Office, 25 Broad St., New York.—(V. 83, p. 156, 562.)

MEXICAN CENTRAL RY. SECURITIES CO.—Formed in 1899 (V. 68, p. 331) to acquire the 4% consols of Mexican Cent. Ry. Each \$1,000 bond deposited was exchanged for £102 "A" and £102 "B" debenture 4% stock, both secured by the same deed of mtge. to Right Hon. Lord Hillingdon, Right Hon. Lord Revelstoke and H. W. Smithers, trustees. Issued £3,848,460 each of "A" and "B"; interest on "A" is payable Jan. and July 15 in London; on "B" same, if earned; otherwise cumulative, par, £100. Frederic M. Spangle, Sec., 3 Gracechurch St. London, E.C.—(V. 68, p. 331, 524.)

MEXICAN INTERNATIONAL RR.—(See Map, page 98.)—Owns from Eagle Pass, Tex. (on Southern Pac.), and Ciudad Porfirio Diaz, via Torreón, on Mex. Cent., to Durango, 540 m., with branches, 90 m.; Reata to Monterey, 72 m.; branch to Tlahualilo, 43 m.; branch, Durango to Tepehuanes via Santiago Papasquoloro, 135 m.; Carbon branch, 4 m.; total, 884 miles. Leases (since May 1 1906) Coahuila Coal Ry., Barroteran to Musquiz, 22 m. V. 82, p. 1379. Organized under laws of Connecticut.

In April 1902 control of the road (\$15,786,100 of the stock and all of the \$4,499,000 income bonds) was taken over by the National RR. of Mexico as per plan, V. 73, p. 784. See V. 76, p. 1192.

STOCK.—Authorized \$25,000,000; issued Jan. 1906, \$20,708,200.

BONDS.—In 1897 reorganized. Of consol. 4s \$2,497,000 were in Jan. 1905 reserved for extensions at \$10,000 per mile and improvements. The total issue of consols is limited to \$16,000,000. The National RR. of Mexico under agreement of June 30 1902 has stamped \$6,501,000 of the consols as guaranteed, prin. and int., these being also subject to call at 90 and int. on or before Mar. 1 1907. V. 75, p. 185. Of the consols, \$3,000,000 are deposited as collateral for the Nat. RR. of Mex. 5% notes. V. 77, p. 769. Prior lien 4 1/2s, see V. 65, p. 151, 1071. Consol. 4s of 1897 listed on N. Y. Stock Exchange Feb. 1898. See application in V. 66, p. 341. Dividend on incomes, 4%, was paid for 1902 to 1905 inclusive.

EARNINGS.—Mex. currency. } 1906—Gross, \$5,304,721; net, \$2,087,873 Jan. 1 to Aug. 1, 8 mos. } 1905—Gross, 4,262,768; net, 1,631,819

ANNUAL REPORT.—Report for year ending Dec. 31 1905 was given at length in V. 82, p. 800, 814; see also editorial, p. 779. In 1905 gross on average of 884 miles, \$6,519,162 (Mexican currency); net, \$2,663,485; in U. S. money, net, including other income, \$1,352,784; int. on bonds, \$551,510; miscellaneous (net) items, \$16,452; interest on incomes, \$179,960; balance, surplus, \$604,862. Pres., E. N. Brown. New York office, 60 Wall St.—(V. 80, p. 1969, 1976; V. 81, p. 1792; V. 82, p. 1497.)

MEXICAN NATIONAL RR.—See National RR. of Mexico.

MEXICAN NORTHERN RY.—Owns from Escalon, Mexico, on the Mexican Central Ry., to Sierra Mojada, 83 miles, all steel.

STOCK.—Capital stock is \$3,000,000; par of shares, \$100; see application for listing on N. Y. Stock Exchange in full, V. 64, p. 619.

DIVIDENDS. } '02 '03 '04 '05 '09 '00 '01 '02 '03 None Per cent. } 6 1/2 6 1/2 6 4 yearly. 5 4 1/2 2 1 1/2 SIncc.

BONDS.—Mtge., \$1,660,000, of which \$725,000 in s. f., April 1906.

ANNUAL REPORT.—Earnings as follows in U. S. currency:

Table with columns: Year, Gross, Net, Oth. inc., Charges, Surplus.

—(V. 70, p. 280; V. 72, p. 581, 1011; V. 74, p. 1089; V. 77, p. 2098.)

MICHIGAN RY.—MICHIGAN SOUTHERN RY.—See page 179.

MICHIGAN CENTRAL RR.—(See Maps New York Central & Hudson River.)—LINE OF ROAD.—Main line—Kensington to Detroit, 270 m., and Windsor to Suspension Bridge (Canada Southern), 226 m.; total main line, 496 miles. Branches owned and leased, 1,235 m.; trackage (Ill. Cent.) into Chicago under perpetual lease, 14 m.; total, Jan. 1 1906, 1,745 miles. There are 433 m. of second track and 1,184 m. of side tracks.

Owns \$17,000,000 of the \$20,000,000 stock of Chicago Indiana & Southern, which see.

In July 1906 the Michigan Central was building a third-rail electric tunnel road under the Detroit River from Windsor, Ont., to Detroit, Mich., 2.42 m. long, under the charter of the Detroit River Tunnel Co., to cost between \$8,000,000 and \$10,000,000. V. 80, p. 2343; V. 82, p. 1156.

ORGANIZATION, LEASES, &c.—Re-incorporated under general law in Dec. 1901, V. 73, p. 1208. The N. Y. C. & H. R. RR. Co. in April 1898

gave \$115 in its 3 1/2% 100-year gold bonds for \$100 stock, and so holds \$16,814,300 of the \$18,738,000 stock issued.

CANADA SOUTHERN NEW CONTRACT.—See that company.

DIVIDENDS. } '83 '84 '85-86 '87-89 '90 '91 '92-94 '95 to July '06 Per cent. } 5 3 nil. 4 yearly. 5 5 5 1/2 y'ly. 4 yearly.

BONDS.—Battle Creek & Sturgis bonds for \$500,000, but of this \$79,000 was sub-guaranteed by the Lake Shore & Mich. So., 7 miles of the B. C. & S. being operated by that company. The \$1,800,000 3 1/2s of 1901 are a 1st mtge. on the Jackson Lansing & Saginaw RR., 350 miles (V. 73, p. 1061; V. 76, p. 1027). Of the \$18,000,000 3 1/2s of 1902, \$10,000,000 were sold to retire first 5s and 7s, \$3,000,000 additional being sold; \$5,000,000 reserved for additions, &c. V. 74, p. 728; V. 76, p. 102; V. 77, p. 1874. Toledo Canada South, & Detroit guar. 4s of 1906, see V. 82, p. 930.

The Detroit River Tunnel bonds, authorized issue \$15,000,000 (see above) bearing interest at not exceeding 5% will be guaranteed by the Mich. Cent. V. 82, p. 868, 1156.

EARNINGS.—For 8 mos. ending Aug. 31, gross, \$16,913,594 in 1906, against \$14,687,693 in 1905. For 6 mos. ending June 30 (1906 partly estimated):

Table with columns: 6 mos., Gross, Net, Oth. inc., Charges, Dividends, Bal., sur.

ANNUAL REPORT.—Report for 1905 was in V. 82, p. 687.

Year ending Dec. 31. } 1905. } 1904. } 1903. } 1902. } Gross earnings. } \$23,283,868 } \$21,492,945 } \$22,552,201 } \$19,045,083 Operating expenses. } 18,865,916 } 17,041,014 } 17,973,470 } 14,918,442

Table with columns: Net earnings, Net, incl. other income, Rentals paid, Interest on debt, Taxes, Interest on loans, &c., Dividends.

Surplus \$223,934 \$123,255 \$495,253 \$361,126 Pres., Wm. H. Newman, N. Y.—(V. 82, p. 1438; V. 83, p. 96, 213.)

MIDDLETOWN UNIONVILLE & WATER GAP RR.—(See Map Erie RR. Co.)—Owns from Middletown, N. Y., to Unionville, N. Y., 13.65 miles. Stock, \$149,850; par, \$50. Controlled through stock by N. Y. Susq. & West., which pays int. on bonds. In year ending June 30 1905, gross, \$55,712; net, \$12,585; charges, \$22,239; def., \$9,654.—(V. 64, p. 654.)

MIDLAND VALLEY RR.—Owns and operates from Excelsior, Ark., south to Hoyer, Ark., and north to Fidelity, Ark., also from Excelsior west to Silverdale, Kan., a total of 293 m.; also operates under trackage from Maney Jct., Ark., to Ft. Smith, 16 m., and Silverdale to Arkansas City, Kan., 9 m.; total operated, 318 miles. See V. 78, p. 702, 1109; V. 80, p. 2345.

The Cherokee Construc. Co., with \$3,500,000 stock, issued \$5,000,000 3-year 6% gold notes due Dec. 1 1907, which are secured by all the stock and bonds of the Mid. Val. and mtge. on 18,500 acres of coal lands; they are redeemable at 102 1/2%. V. 81, p. 1610. The tonnage from 30,000 additional acres is controlled.

Stock authorized, \$9,000,000; outstanding, Apr. 1906, \$5,854,000; par of shares, \$50. Bonds are subject to call at 107 1/2% and including Jan. 1 1910. For year ending June 30 1905 (187 average miles), gross, \$338,911; net, \$28,365. Pres., Charles E. Ingersoll; Sec. and Treas., H. E. Yarnall. Office, Girard Trust Bldg., Philadelphia.—(V. 81, p. 1610.)

MILL CREEK & MINE HILL NAVIGATION & RR.—Mill Creek Jct. to Broad Mtn., Pa., 6.3 m.; branch, 3.5 m.; 2d track, 3.8 m.; total track, 34.6 miles. Leased in 1861 for 999 years to Phila. & Reading RR.; lease assumed in 1896 by Phila. & Reading Railway; rental, \$33,000 and taxes.

MILLEN & SOUTHWESTERN RY.—Owns Millen, Ga., to Vidalla, 53 m., of which 21 m. from Stillmore to Vidalla completed in 1904. Acquired in Mch. 1906 by a syndicate organized by J. S. Williams of Richmond and J. W. Middendorf of Baltimore, and to be consolidated with the new Georgia & Florida Ry. V. 82, p. 751, 1212.

Stock, June 30 1903, \$39,000. Of the bonds, \$1,000 per mile is reserved for improvements on present line and \$5,000 per mile for extensions. V. 80, p. 1424. For year ending June 30 1905 (32 miles), gross, \$77,399; net, \$10,102; interest on bonds, \$4,279. Pres., John Skelton Williams, Richmond, Va.—(V. 82, p. 1212.)

MINE HILL & SCHUYLKILL HAVEN RR.—From Schuylkill Haven to Ashland and Enterprise Jct., 42 m.; 2d track, 19 m.; total track, 134 miles. In 1897 rental reduced to 6% on stock under new lease for 999 years from Jan. 1 1897 to Phila. & Read. Ry. Co. Dividends paid stockholders are 2 1/2% in Jan. and 3% in July. 1/2% being deducted for taxes.—(V. 63, p. 1011)

MINERAL RANGE RR.—Houghton, Mich., to Calumet, Mich., 14 m.; Hancock to Fulton, 21 m.; branches, 28 m.; South Range extension, Keweenaw Bay to Michigan Mine, 39 m., opened Dec. 24 1900; trackage, 22 m.; Mohawk RR. operates 17 m.; total, 141 miles, all standard gauge. On June 1 1901 the Hancock & Calumet RR. was merged (V. 73, p. 785). In year 1895 paid dividends 10 1/2%; in 1896, 7%; 1897, 7%; 1898, 3 1/2% none since. In March 1903 authorized stock was increased to \$1,200,000; outstanding, \$1,085,000; par, \$100.

BONDS.—Consols for \$7,000 are reserved for \$11,100 old bonds. Of the \$593,000 outstanding, \$339,000 are 5s; the Can. Pac. on June 30 1906 owned the remaining \$254,000 (which are 4s), and the \$1,000,000 gen. mtge. 4s, both of which it guarantees as to int. V. 75, p. 554. See V. 73, p. 556, 616; V. 73, p. 785. Of tonnage in 1903-04 84% was ores and mining products

EARNINGS.—For 2 months ending Aug. 31:

Table with columns: 2 mos., Gross, Net, Other inc., Chgs., Balance.

REPORT.—For year ending June 30 1906, gross, \$739,341; net, \$163,261 other income, \$2,253; taxes, \$62,730; interest, \$83,360; surplus, \$19,424.—(V. 73, p. 785.)

RAILROADS. For explanation of column headings, &c., see notes on first page of tables.	Miles of Road.	Date of Bonds.	Size, or Par Value.	Amount Outstanding	INTEREST OR DIVIDENDS.			Bonds—Principal, When Due. Stocks—Last Dividend.
					Rate %	When Payable.	Where Payable, and by Whom.	
Mexican National—See National RR of Mexico.								
Mex Nor—1st M U S gold s f not called. Mo.c* & r	83	1890	1,000	\$905,000	6 g	J & D	Office, 82 Beaver St, N Y	Dec 1 1910
Mexican Railway Limited—Ordinary shares			£10	£2,254,720				
First preference stock 8%			£10	£2,554,100	See text	M & N	Glyn, Mills, Currie & Co., Lo	May '06 3 1 16
Second preference stock 6%			£10	£1,011,960				
Perpetual 6% debenture stock	321		£10	£2,000,000	6	J & J	Glyn, Mills, Currie & Co., Lo	Perpetual
Mexican So Ry Ltd—Ordinary shares £1,000 000				£1,000,000	See text.	See text.	Checks mailed.	May 1906 2 1/2 %
Second M 4% deb stock £600,000 red at par 90 years	228	1896		£587,880	4	F & A		
Michigan Central—Stock			100	\$18,738,000	4 in 1906	J & J	Grand Cent Station, N Y	July 28 1906 2 %
First mortgage \$18,000,000 gold	270	1902	1,000 & c	14,000,000	3 1/2 g	M & N	Reg at G C S; cp at G T	May 1 1952
M C first mortgage on Grand River Valley RR. Un.c* & r	115	1890	1,000 & c	2,600,000	4	J & J	Reg at G C S; cp at U Tr	Jan 1 1940
M C 1st M on Det & Bay City (\$4,000,000) Un.c* & r	152	1881	1,000	4,000,000	5	M & S	Union Trust Co, New Yk	Mar 1 1931
do do bonds without coupons	152	1881	1,000 & c		5	Q—M	Grand Cent Station, N Y	Mar 1 1931
M C first mortgage on Grand River Valley RR. Un.c* & r	84	'79 '86	1,000	1,500,000	6	M & S	Union Trust Co, N Y	Sept 1 1909
M C first mortgage on Kalamazoo & S Haven. Un.c* & r	39	1889	1,000 & c	700,000	5	M & N	Grand Cent Station, N Y	Nov 1 1939
M C 1st M Term \$1,500,000 V 64, p 886. Un.c* & r		1896	1,000 & c	725,000	4 g	J & J	Reg at G C S; cp at U Tr	July 1 1941
Mich Cent 1st M on Jack Lans & Saginaw gold. c* & r	350	1901	1,000	1,770,000	3 1/2 g	M & S	Reg at G C S; cp at G Tr	Sept 1 1951
Car trusts (reg part cts) guar Amer C & F. SSt		1904		1,096,200	4 1/2	Q—M		To June 1 1910
Jack Lans & Sag stock 3 1/2 % yearly guar by end.			100	2,000,000	3 1/2	M & S	Grand Cent Station, N Y	Sept 1 '06 1 1/2 %
Grand River Valley stock rental in perpetuity	84		100	491,200	5	J & J	Jackson, Mich.	July 19 6 2 1/2 %
Bay City & Battle Cr 1st M g guar p & l end. Mp.c*	18	1889	1,000	250,000	3 g	J & D	Union Trust Co N Y	Dec 1 989
Battle Cr & Sturgis 1st M g guar p & l end. Mp.c*	41	1889	1,000	421,000	3 g	J & D	do do	Dec 1 1889
Joliet & Northern Indiana 1st M guar p & l (end) c	45	1877	1,000	800,000	7	J & J	10 Farmers L & Tr Co, N Y	July 10 1907
ToiCanSo & Det 1st M \$4,500,000 g gu p & l (end) Gc* & r	59	1906	1,000 & c	1,600,000	4 g	J & J	New York	Jan 1 1956
Detroit River Tunnel 1st M \$15,000,000 guar		1906		See text				
Midtown Union & Water Gap—1st M ext in '86. c*	13	1866	100 & c	150,000	5 g	M & N	New York Susq & W, N Y	Nov 1 1911
Second mortgage int guar ext in 1896 (see text) c*		1871	500 & c	250,000	5	J & D	do do	June 1 1911
Mid Va—1st M \$20,000 p m gold red (text) GP.c*	293	1904	1,000	5,854,000	5 g	J & J	Office, Philadelphia.	Jan 1 1914
Mill Creek & Mine Hill Navigation & RR—Stock			25	323,375	10	J & J	Philadelphia	July 1906 5 %
Millen & Southwestern—First M \$800,000 gold	53	1905	1,000	210,000	5 g	A & O	Hanover Nat Bank, N Y	April 1 1955
Milwaukee Lake Shore & Western—See Chicago & Milwaukee & Lake Winnebago—See Wisconsin Central	North Western							
Milwaukee & Northern—See Chicago Milwaukee & St Paul	Paul							
Mine Hill & Schuykill Haven—Stock (6% rental)	42		50	4,210,200	5 1/2	J & J	Office, 119 S 4th St, Phila	July 16 '06 3 %
Mineral Range—Cons mortgage (text) gold red at 105.c	66	1891	500 & c	593,000	4 g 5 g	J & J	44 Wall St, New York	Jan 1 1931
General mortgage interest guar by Canadian Pac F	66	1901	100,000	1,000,000	4 g	J & J	All owned by Can Pac	Jan 1 1951
Hancock & Cal cons M gold red at 105 assumed.	20	1891	1,000	325,000	5 g	J & J	44 Wall St, New York	Jan 1 1:31
a Exclusive of \$755,000 held by sinking fund. b \$1	0,000	additio	nal in sin	king fund.	c Of whic	h	\$16.81	4,300 held by N Y C & H R RR Co.

MINNEAPOLIS RED LAKE & MANITOBA RR.—V. 82, p. 628.

**MINNEAPOLIS & ST. LOUIS RR.**—(See Map.)—Owns main line Minneapolis to Angus, Ia., 260 miles; Western Div., Hopkins to Watertown, S. D., 215 miles; Kalo Branch, 1 1/2 m.; Lake Park Branch, 1 1/2 m.; Winthrop, Minn., to Storm Lake, Minn., 154 m. Leases trackage from Minneapolis to St. Paul over St. Paul & North, Pac. RR., 10 m.; from Spencer to Ruthven over Ch. M. & St. P., 12 1/2 m.; from Tara to Fort Dodge, over Ill. Cent., 6 m.; leases Des Moines & Fort Dodge RR., Des Moines to Fort Dodge and Tara to Ruthven, 138 1/2 m.; total operated, 799 miles. Also owns, but leases to Bur. C. R. & Nor., Albert Lea to Iowa State Line, 13 m.

The Minnesota Dakota & Pacific Ry., incorporated in Jan. 1906 with \$200,000 authorized stock, is building extension from Watertown, S. D. west to Missouri River at Le Beau, S. D., and northwest to Leola, S. D. See "Bonds" below, V. 82, p. 161, 392, 1102.

**HISTORY.**—A reorganization in Oct. 1894, per plan in V. 59, p. 371, of Railway foreclosed under improvement and equipment mtge.

In June 1900 persons identified with Minn. & St. L. obtained control of the Iowa Central Ry.; V. 70, p. 1249. The Des Moines & Fort Dodge RR., control of which was acquired in 1904, is leased for 30 years from Jan. 1 1905. V. 78, p. 2335; V. 79, p. 269, 1704; V. 81, p. 1430.

**STOCK.**—Common, \$6,000,000; pref., 5% non-cum., \$4,000,000. After 5% on each, both share pro rata.

**DIVIDENDS.**—

	'96.	'97.	'98.	'99.	'00.	'01.	'02.	'03.	'04.	'05.	1906.
Preferred	3	3 3/4	4 1/2	5	5	5	5	5	5	5	5
Common	None	None	1 1/2	4	5	5	2 1/2	0	0		

**BONDS, &c.**—Bonds issued under the mtge. due June 1927 numbered from 1,101 to 1,400, for \$500 each, additional to those above, were assumed by Burl. Cedar Rap. & North. (now Ch. Rock I & Pac.).

As to first consol. mtge., see abstract V. 59, p. 1145. The refunding mtge. of 1899 limits the first consols to \$5,155,000.

First refunding mtge. of 1899 is for \$25,000,000, of which \$10,000,000 reserved to retire underlying bonds and \$5,341,000 for future extensions, improvements, &c., under severe restrictions. The mtge. is a first lien on 283 miles of road, &c., and a blanket lien on rest of property, and is further secured by deposit of \$2,530,000 Des Moines & Ft. Dodge com. stock. V. 68, p. 187, 332; V. 79, p. 2147; V. 80, p. 2220. See application to list, V. 69, p. 32. Equip. tr. notes, \$65,898, payable \$4,707 monthly to Sept. 19 1907.

The \$5,000,000 5% notes of 1906, which have been sold, will be issued from time to time as required, for the construction of about 240 miles of road from Watertown, S. D., westerly. They will be secured by the \$2,500,000 Minnesota Dakota & Pacific 1st gold 4s and the latter's entire stock. V. 82, p. 392, 692, 1102; V. 83, p. 38.

The \$3,072,000 Des Moines & Ft. Dodge 4% bonds dated Jan. 1 1905 are guaranteed, principal and interest. V. 79, p. 1704, 2696.

**EARNINGS.**—2 mos., 1906—Gross, \$666,514; net, \$272,856. July 31 to Aug. 31, 1905—Gross, 623,241; net, 265,377.

**ANNUAL REPORT.**—Annual meeting first Tuesday in October. Report for 1904-05 was in V. 81, p. 1430.

Year ending June 30—	1905-06.	1904-05.	1903-04.	1902-03.
Aver. miles operated	799	720	642	642
Passengers	\$1,001,548	\$897,311	\$825,830	\$901,929
Freight	2,550,563	2,021,993	1,878,078	2,224,229
Mail, express, &c.	174,554	157,452	146,677	139,613
Gross earnings	\$3,726,665	\$3,076,756	\$2,850,565	\$3,265,472
Net over taxes	\$1,417,468	\$1,130,381	\$1,040,263	\$1,237,530
Other income	259,732	236,075	275,248	217,415
Total net income	\$1,677,200	\$1,366,456	\$1,324,511	\$1,454,945
Interest paid	\$1,095,932	\$1,020,376	\$931,447	\$886,980
Rentals	66,522	61,737	56,045	56,050
Miscellaneous		26,848	38,942	
Div. on pref. stock	(5)200,000	(5)200,000	(5)200,000	(5)200,000
Div. on com. stock			(2 1/2)150,000	(5)300,000
Balance, surp. for year.	\$314,746	\$57,495	def. \$52,922	\$11,915

**OFFICERS.**—Pres., Edwin Hawley, N. Y.; V.-P., L. F. Day; Sec., Jos Gaskell, Minneapolis; Treas., F. H. Davis, 25 Broad St., New York. Directors—E. Hawley, H. E. Huntington, James N. Wallace, F. E. Palmer, F. H. Davis, John E. Searles, New York; L. C. Weir, N. Y.; Geo. Crocker, N. Y.; L. F. Day, Minneapolis.—(V. 83, p. 38.)

**MINNEAPOLIS ST. PAUL & SAULT STE. MARIE RR.**—Owns main line from Sault Ste. Marie, Mich., via Minneapolis to Portal, North Dakota at the International boundary line, there connecting with the Canadian Pac. 1,039 miles; branches, Hankinson, N. D., to Garrison, 292 m.; Glenwood, Minn., to Emerson, 265 miles; Thief River Falls, Minn., to Kenmare, N. D., 296 miles; Wishek, N. D., to Pollock, 70 m.; other branches, 154 m.; spurs, 19 m.; total, July 1906, 2,135 miles; also trackage to Minneapolis, St. Paul (being replaced by line owned, V. 83, p. 38) and Sault Ste Marie, 10 miles.

In Nov. 1904 extension from Glenwood, Minn., north to Winnipeg, 330 miles, included above, was completed. V. 77, p. 765. In Dec. 1905 branch Thief River Falls, Minn., to Kenmare, N. D., 296 m.; was opened. Extensions from Flaxton, N. D., westerly to Ambrose, 51 miles; from Drake, N. D., to Plaza, 84 m.; and of the Garrison line to Max, 14 m., will be completed late in 1906. V. 83, p. 750.

**HISTORY.**—A consolidation in 1888 of Minn. Sault Ste. Marie & Atl. Minn. & Pac., &c. See V. 46, p. 538 609; V. 77 p. 628.

**STOCK.**—Canadian Pacific on July 1 1906 owned \$7,066,600 common and \$3,533,400 preferred. Preferred stock has a prior right to 7% (non cum.); then common to 7%; then share pro rata. V. 75 p. 549

**DIVIDENDS.**

	1903	1904.	1905.	1906
Preferred (per cent)	7	7	7	7
Common (per cent)	2	4	4	4

**BONDS.**—Can. Pac guarantees by endorsement 4% int. on all the bonds assenting to a reduction of int. to 4%. (See V. 50, p. 784; V. 51, p. 230) About one-half Minn. & Pac. bonds and practically all other issues assented.

Abstract of Minneapolis Sault Ste. Marie & Atlantic mtge. in V. 45, p. 243. The consol. mortgage of 1888, abstract V. 47, p. 142), was for \$21,000,000 on 800 miles (sufficient of this reserved to retire prior bonds) and for \$20,000 per mile on all additions. V. 73, p. 185; V. 78, p. 820; V. 79, p. 1332; V. 80, p. 651. As to 2d ds, see V. 68, p. 669, 771, 977; V. 71, p. 645.

**LATEST EARNINGS.**—1906:—Gross, \$2,138,789; net, \$1,029,623. 2 mos., July 1 to Aug. 31, 1905—Gross, 1,693,742; net, 849,014.

**REPORT.**—Report for year ending June 30 1906 was in V. 83, p. 749.

Year.	Gross.	Net.	Int., taxes, &c. Equip., &c. Bal., sur.
1905-06	\$11,574,462	\$5,789,902	\$2,522,216 \$1,050,000 \$2,217,686
1904-05	8,716,622	4,214,015	2,150,599 386,350 1,676,866

Dividends of 7% on preferred call for \$484,687 yearly and of 4% on common \$554,012 yearly.—(V. 82, p. 629 869; V. 83, p. 38, 687, 749.)

**MINNESOTA TRANSFER RR.**—Union road, owning 13.54 miles, extending from junction with Chic. Mil. & St. Paul at Merriam Park to Fridley (with stock yards, &c.); side tracks, 45.72 miles; total, 59.26 miles. V. 67, p. 956. Stock, \$70,000, equally owned by Chic. Milw. & St. Paul, Nor. Pac., Chic. St. Paul Minn. & Omaha, Minn. & St. Louis, Wisconsin Cent., Chic. Burl. & Quincy, Great North., Chic. Gt. West., Minn. St. Paul & Sault Ste. Marie and Chic. Rock Island & Pacific.

Additional bonds can be issued for property and improvements as required. Principal only is payable in gold. Mtge. trustee, Northwestern Trust Co., St. Paul, Minn.—(V. 66, p. 1238; V. 67, p. 956.)

**MISSISSIPPI ARKANSAS & WESTERN RR.**—Owns from a point in Drew County, Ark., to Gaines Landing, on the Mississippi River in Chicot County, Ark., 22 miles. Stock authorized, \$220,000. Year ending June 30 1904, gross, \$25,389; net, \$15,529; int. on bonds, \$11,000. Pres., A. P. Bliss, Saginaw, Mich.; Sec. and Gen. Mgr., A. F. Cook, Little Rock, Ark.—(V. 75, p. 442.)

**MISSISSIPPI CENTRAL RR.**—Owns Hattiesburg, Miss., to Brook Haven, 84 miles, of which Silver Creek to Brook Haven, 29 m., opened June 1905. V. 81, p. 155. Extension building from Brook Haven to Natchez, 83 m.; also proposed, Hattiesburg to Scranton, 80 m. Stock, \$1,500,000. Bonds (limited to \$5,000,000) are issuable at \$20,000 per mile; they are subject to call in the order of numbers at par by a yearly sinking fund of \$500 per mile of road covered, and as an entire issue at 110. They are guaranteed principal and interest by U. S. Lumber Co. V. 81, p. 1849; V. 82, p. 161, 1046. For 4 mos. ending April 30 1906, gross, \$151,162; net, \$77,721; taxes, \$1,604; betterments, \$4,486; bal. for int., \$71,231. For calendar year 1905, gross, \$390,435; net, \$191,265; taxes, \$4,729; betterments \$21,459; bal. for int., \$165,077. Pres., F. L. Peck; Sec. and Treas. C. P. Davidson, Scranton, Pa.—(V. 83, p. 38.)

**MISSOURI & ILLINOIS BRIDGE & BELT RR.**—Has bridge 2.100 feet long across the Mississippi River at Alton, Ill.; also 2 miles of road. Owned by 10 of the 14 proprietary roads of the Terminal RR. Association of St. Louis, viz.: Cleve. Cinc. Chic. & St. L., Louisville & Nashville, St. L. Iron Mtn. & South & Balt. & Ohio, Missouri Pac., Wabash, Chic. Rock Island & Pac., St. L. & San Fran., Mo. Kan. & Tex. and St. L. Vandalla & Terre Haute (Penn. RR. system). Incorporated in Aug. 1904 as successor of the St. Clair Madison & St. Louis Belt RR. V. 79, p. 1642, 681. Stock, \$2,500,000; outstanding, \$110,000. The Illinois State Trust Co. of East St. Louis and Edwards Whitaker are trustees under the mortgage of 1904. V. 80, p. 711. Pres., A. J. Davidson; Treas., F. H. Hamilton; Sec., G. L. Ball. Office, Lincoln Trust Building, St. Louis.—(V. 80, p. 711; V. 82, p. 1380.)

**MISSOURI KANSAS & TEXAS RR.**—ROAD.—Operates a line with no. on a terminal at St. Louis, Kansas City, Junction City and Hannibal, Mo., extending southerly across the Indian Territory and the Texas cotton belt to tidewater at Galveston, on the Gulf of Mexico, and to San Antonio, Tex., and Shreveport, La., with branches.

Road owned—	Miles.	Operated—not owned.	Miles.
Missouri Kan. & Tex. Ry.—		Wichita Falls Ry	a18
St. Louis to Red River, Tex.	629	Denison Bonham & N. O. RR.	a24
Hannibal to Franklin Jet	104	Dal. Cleb. & Southwestern	a10
Branches to Paola and Parsons, Kan.; Oklahoma City and Guthrie, O. T., and Wybark and Atoka, I. T., &c.	921	Dewey, I. T., to Bartlesville	4
Mo. Kan. & T. Ry. of Texas—		Austin, Tex., terminals	2
Red River to Houston, Tex.	548	Operated jointly	
Denison to Henrietta	112	St. Louis to Texas Junction	24
Other branches	476	Kansas City to Paola	43
		Whitesboro to Ft. Worth	71
		Iola to Piqua, Kansas	7
		Galveston Houston & Hend.	a50
		Austin to San Marcos	30
Total owned	2,700	Total operated July 1 1906	3,073

(a See this company.)

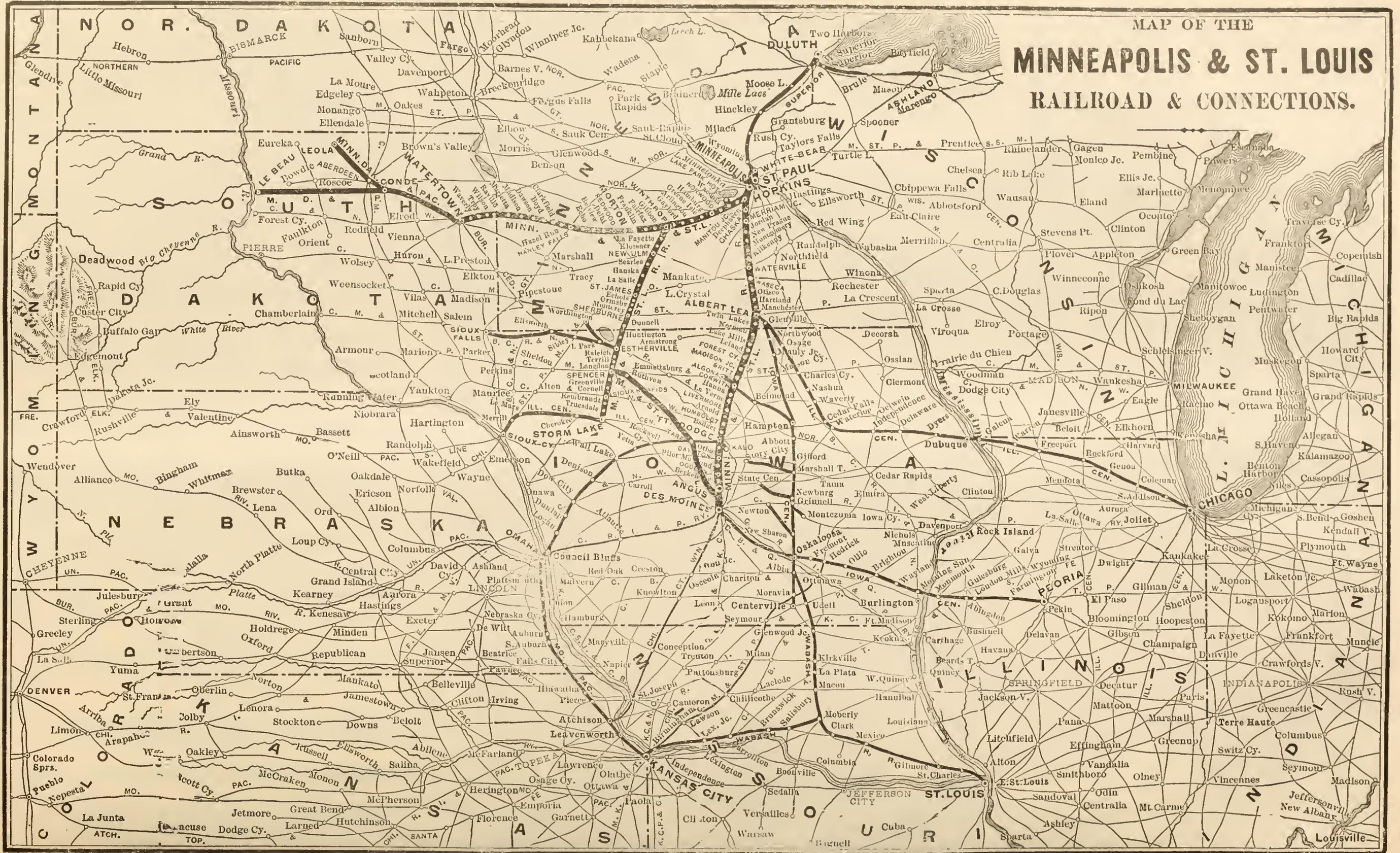
**ORGANIZATION &c.**—Reorg. in 1890 without foreclosure. V. 49, p. 719. The \$12,890,000 stock of the "M. K. & T. Railway Co of Texas" is owned (V. 54, p. 1047; V. 55, p. 298). M. K. & Eastern was merged in 1897. K. C. & Pac. in 1899. Sher. Sh. & So. in 1901 and Mo. Kan. & Okla. RR. and Texas & Okla. RR. in 1904. V. 74, p. 1038, 1140; V. 75, p. 608, 1086; V. 76, p. 480, 1249; V. 78, p. 2012. New cut-off to San Antonio opened July 1906, V. 83, p. 96.

**LAND GRANT.**—Land grant in Indian Territory, 3,110,400 acres, subject to Indian title. See V. 79, p. 903, 1281; V. 81, p. 668, 1042; compare V. 67, p. 222; V. 55, p. 937; V. 61, p. 1155; V. 77, p. 2339; V. 82, p. 1102.

**STOCK.**—Common increased in 1904 by \$7,200,000 to \$63,300,300; preferred is \$13,000,000 4% non-cumulative. Par of shares, \$100

**DIVIDENDS.**—Semi-annual on preferred, 2%, paid May 10 1906; Nov. 10, 2%.

**BONDS.**—M. K. & T. 1st and 2d mtges. of 1890 (abstracts in V. 51, p. 105) cover line from Hannibal, Mo., to a point 80 m. from Houston, Tex., 941 m. (except 71 m. of trackage) and sundry branches, the total mileage mortgaged being 1,601 m., including the Sherman Shreveport & So., but see below. These mtges. also cover the right



RAILROADS. For explanation of column headings, &c., see notes on first page of tables.	Miles of Road.	Date of Bonds.	Size, or Par Value.	Amount Outstanding	INTEREST OR DIVIDENDS.			Bonds—Princpal, When Due. Stocks—Last Dividend.
					Rate %	When Payable.	Where Payable, and by Whom.	
Minneapolis & St Louis—Common stock.....Ce	---	---	\$100	\$6,000,000	See text.	J & J	Central Trust Co, N Y	Jan 15 '04 2 1/2 %
Preferred stock (V 70, y 1150) 5% non-cum.....Ce	---	---	100	4,000,000	5 In 1906	J & J	do	July 16 '06 2 1/2 %
First M Minn to Merriam Junction gold.....FP.c*	27	1877	1,000	455,000	7 g	J & J	do	Jan 1 1907
First M Merriam Junction to Albert Lea gold.....F.c*	81	1877	500 &c	950,000	7 g	J & D	do	June 1 1927
Iowa exten 1st M gold (Alb. Lea to Ft Dodge)g.....Ce.c*	102	1879	1,000	1,015,000	7 g	J & D	do	June 1 1909
Mortgage on Southw exten gold (\$12,000 p m).....Ce.c*	53	1880	1,000	636,000	7 g	J & D	do	Dec 1 1910
Pacific extension first mortgage gold.....Ce.c*	92	1881	1,000	1,382,000	6 g	A & O	do	April 1 1921
First consolidated M \$5,282,000 gold.....Ce.c*&r	---	1894	1,000	5,282,000	5 g	M & N	do	Nov 1 1934
First & ref M \$25,000,000 gold (\$18,000 p m).....Ce	632	1899	1,000	9,845,000	4 g	M & S	do	Mar 1 1949
Gold notes \$5,000,000 sec by coll red par beg '08.....Ce	---	1906	---	5,000,000	5 g	F & A	do	Feb 1 1911
Minn Dak & Pac 1st M \$50,000,000 g red 105.....Ce.c*&r	---	1906	1,000	See text	4 g	F & A	do	Feb 1 1956
Minn St Paul & S Ste Marie—Com stock \$14,000,000	---	---	100	14,000,000	4 In 1906	A & O	Minn office; checks mall'd	Oct 15 '06 2 %
Preferred stock 7% non-cumulative.....	---	---	100	7,000,000	7 In 1906	A & O	do	Oct 15 '06 3 1/2 %
Minn Sault Ste Marie & Atlantic 1st M gold.....Ce.c*	495	1886	1,000	8,204,000	4 g & 5 J	J & J	Bank of Montreal, N Y	Jan 1 1926
Minneapolis & Pacific first mortgage.....Ce.c*	286	1886	1,000	306,000	4 (5)	J & J	do	Jan 1 1936
Cons mortgage gold Int guar (end) see text.....Ce.c*	2,116	1888	1,000	38,105,000	4 g	J & J	do	July 1 1938
Second mortgage \$5,000,000 gold Int guaranteed.....Ce	2,116	1899	1,000	3,500,000	4 g	J & J	do	Jan 1 1949
Minnesota Transfer—First mortgage(\$574,000 are 4s).c	---	1886	1,000	1,478,000	4 & 5	F & A	1st Nat Bk, St Paul, Minn	Aug 1 1916
Missouri & North Arkansas—Notes, \$6,000,000 gold.....	---	1906	---	See text	5 g	---	---	1911
Mississippi Arkansas & Western—1st M gold.....AC	22	1902	1,000	220,000	5 g	J & J	Amer Tr & Sav Bk, Chic	Jan 1 1922
Miss Cent—1st M \$5,000,000 gold guar red (text).....S.c*	84	1903	1,000	1,680,000	5 g	J & J	Harvey, Flsk & Sons, N Y	July 1 1945
Mo & Ill Br & Belt—St C M & St L B, 1st M red g.....SSt.c*	---	1901	1,000	768,000	4 g	J & J	---	Jan 1 1951
Consolidated mortgage \$2,000,000 authorized gold.....	---	1904	1,000	790,000	4 g	J & J	New York	Jan 1 1951
Missouri Kansas & Texas—Common stock.....	---	---	100	63,300,300	---	---	---	---
Preferred stock 4% non-cumulative.....	---	---	100	13,000,000	4 In 1906	M & N	New York	Nov 10 '06 2 %
First mortgage gold.....Ce	1,601	1890	500 &c	40,000,000	4 g	J & D	Office, 49 Wall St, N Y	June 1 1990
Second mortgage gold.....Me	1,601	1890	500 &c	20,000,000	4 g	F & A	do	June 1 1990
First extension mortgage gold \$3,254,000.....Ce.c*	164	1894	1,000	3,254,000	5 g	M & N	do	Nov 1 1944
St Louis Div first refunding mortgage.....F.c*	---	1901	1,000	1,915,000	4 g	A & O	do	April 1 2001
Missouri Kansas & Eastern 1st M gold assumed.....Ce	162	1892	1,000	4,000,000	5 g	A & O	do	April 1 1942
Second mortgage guaranteed being retired.....	162	1892	1,000	66,000	5 g	A & O	do	April 1 1942
Sh Sh & So 1st M (\$20,000 p m) gold assumed.....Ce.c*	202	1893	1,000	1,689,000	5 g	J & D	do	June 1 1943
Kansas City & Pacific 1s M gold assumed.....Ce.c*	130	1890	1,000	2,500,000	4 g	F & A	do	Aug 1 1990
M K & Okla 1st M \$5,468,000 gold assumed.....Ce.c*	277	1902	1,000	5,468,000	5 g	M & N	do	May 1 1942
Texas & Okla 1st M \$2,347,000 gold assumed.....Ce.c*	117	1903	1,000	2,347,000	5 g	M & S	do	Sept 1 1943
First and refunding M \$40,000,000 gold (see text).....F	---	1904	1,000	5,182,000	4 g	M & S	do	Sept 1 2004
General mortgage \$20,000,000 gold sinking fund N c*	1,646	1906	1,000	10,000,000	4 1/2 g	J & J	do	Jan 1 1936
Of which held in treasury July 1 1905: b \$495,000; c \$17,410; d \$39,100.	---	---	---	---	---	---	---	---

**MISSOURI KANSAS & TEXAS RY. (Concluded).**  
 The Missouri Kansas & Eastern bonds originally guaranteed were assumed in June 1896, the road forming the St. Louis extension from Franklin, Mo., to Texas Junction, Mo., 162 miles. See V. 63, p. 30. Of the St. Louis division 1st refunding bonds, \$4,666,000 were reserved for the retirement of both issues, the balance being for extensions and improvements on the division. V. 72, p. 1034; V. 75, p. 608.

The Sherman Shreveport & Southern mortgage is for \$6,000,000 at \$20,000 per mile; issued, \$3,689,000, of which \$2,000,000 pledged under M. K. & T. mtge. of 1890. The bonds, formerly guaranteed, were assumed upon consolidation in May 1901. V. 72, p. 1034, 1115.

The Missouri Kansas & Oklahoma and Texas & Oklahoma bonds, issued at \$20,000 per mile, guaranteed, have been assumed. V. 74, p. 1038; V. 75, p. 185, 733; V. 77, p. 252; V. 78, p. 48; V. 79, p. 968.

Of the 1st and refunding 4s of 1904 (\$40,000,000 authorized issue) \$12,037,000 is reserved to retire divisional mortgages at or before maturity; balance unissued (\$22,781,000) for future purposes. They are payable at the option of the holder in sterling, marks or francs. V. 79, p. 968, 1281, 1332; V. 80, p. 222, 712; V. 81, p. 613; V. 82, p. 987, 1497.

Stockholders voted March 3 1906 to authorize an issue of \$20,000,000 gen. mtge. 4 1/2 % sinking fund 30-year gold bonds, secured by lien on all the property now owned or hereafter acquired from the proceeds of the bonds.

The bonds were used to pay outstanding equipment notes (\$4,001,844 on Jan. 1 1906) and will provide for future requirements. Stockholders were offered the right to subscribe for the \$10,000,000 present issue (which was underwritten) pro rata (13% of their respective holdings) at \$875 per \$1,000 bond. As to proposed M. K. & T. of Texas "first extension and general mortgage" for \$25,000,000, see V. 83, p. 435, 562; V. 82, p. 1269, V. 82, p. 218, 334, 692.

**GUARANTIES.**—The Boonville Bridge 4s are guaranteed, principal and interest, and also as sinking fund beginning 1911. V. 73, p. 494.

The M. K. & T. of Texas mortgage secures \$10,000,000 of bonds at \$20,000 per mile for extensions in Texas. They are guaranteed principal and interest. See above, and guaranty V. 56, p. 604.

The Southwestern Coal & Improvement Co.'s bonds are guaranteed. Mortgage (\$1,000,000) covers the coal on 51,000 acres in Indian Territory, and the company also owns 2,350 acres additional, the Denison & Washita Ry., 20 miles mines in active operation, &c.

**LATEST EARNINGS.**—For 2 months ending Aug. 31:

2 months—	Gross.	Net.	Charges.	Balance.
1906.....	\$3,789,217	\$1,299,099	\$827,471	sur. \$471,628
1905.....	3,349,364	752,062	722,073	sur. 29,989

**ANNUAL REPORT.**—Annual meeting first Thursday after first Monday in April. Report 1905-06 was given in V. 83, p. 684, 812.

Year ending June 30—	1906.	1905.	1904.	1903.
Average miles operated.....	3,043	3,043	2,884	2,601
Passenger earnings.....	\$5,157,881	\$4,935,592	\$3,802,202	\$3,160,455
Freight.....	14,968,833	14,134,335	13,102,910	13,256,900
Mail, express, &c.....	1,032,431	971,168	861,484	790,838

Gross earnings.....	\$21,159,145	\$20,041,095	\$17,766,595	\$17,208,193
Oper. exp. and taxes.....	15,414,545	14,937,720	12,997,710	12,449,083

Net, earn., inc. oth. inc.*	\$6,153,635	\$5,528,556	\$5,085,608	\$4,858,675
Interest on bonds.....	\$4,041,043	\$3,864,718	\$3,316,172	\$3,291,396
Rentals, &c.....	459,505	396,647	703,068	467,363

Balance, surplus.....	\$1,653,087	\$1,267,191	\$1,066,368	\$1,099,916
Dlv. on pref. (.2% s-a).....	260,000	---	---	---

— Years ending June 30 —		Cal. Year.	
1906.	1905.	1904.	
Miles operated.....	6,276	6,205	6,140
Total earnings.....	\$44,566,821	\$41,067,282	\$43,693,617
Net earnings.....	14,284,416	13,035,390	13,287,576
Other income, &c.....	3,558,911	3,037,882	2,937,274

Total net income.....	\$17,843,327	\$16,073,273	\$16,224,850
Interest and rentals.....	\$8,936,792	\$8,191,983	\$7,718,109
Taxes.....	1,457,924	1,388,344	1,298,771
Sundry accounts.....	1,119,596	1,060,768	1,282,337
Dividends.....	(7 1/2)	5,836,305 (5)	3,890,867 (5 1/2)
Balance, surplus.....	492,710	1,541,310	2,034,766

**OFFICERS.**—Pres., George J. Gould; Sec. and Treas., A. H. Calof, 195 Broadway, New York.

Directors.—George J. Gould, Russell Sage (deceased), Edwin Gould, Samuel Sloan, James H. Hyde, Howard Gould, Fred. T. Gates, Frank J. Gould and James H. Smith, New York; Charles S. Clarke, O. L. Garrison, W. K. Hixby, St. Louis, Mo.; S. Davies Warfield, Balto., Md.—(V. 83, p. 492, 886, 903.)

**(2) MISSOURI PACIFIC SYSTEM—ST. LOUIS IRON MOUNTAIN & SOUTHERN RY.**—(See Map.)—Owns St. Louis to Texarkana, Tex., line, 490 miles; branches to Belmont, Mo., Bird's Pt., Mo. (Calro), Camden, Ark., Helena, Ark., Cushman, Ark., Arkansas City, Ark., Warren, Ark., Memphis, Tenn., &c.; Houston Central Arkansas & Northern Railway, MeGehee, Ark., to Alexandria, La., 191 m.; White River branch, Illinois Division Memphis Helena & Louisiana East & West, Ill. Ry., 1,534 m.; total owned July 1 1906, 2,215 miles. Leases Little Rock Junction RR; Kansas & Ark. Valley RR. (acquired March 1906); St. Louis Southwestern Ry., and miscellaneous, 244 miles. Total operated July 1 1906, 2,459 miles.

Holders of the \$24,668,000 of the \$24,983,093 Texas & Pacific seconds exchanged their bonds for 65% in new Iron Mountain gold 4s. See "Bonds" below, also V. 68, p. 329, 380, 474, 520, 572, 619, 774.

The continuous low-grade line from St. Louis to New Orleans by connection with the Tex. & Pac. Ry. at Clayton, La., is nearing completion.

The short line between Kansas City and Memphis, via Carthage, Mo., and Newport, Ark., was opened for through business in Jan. 1906.

**STOCK.**—Stock authorized, \$130,000,000; outstanding, \$44,397,375, of which \$14,335,400 April 30 1905 owned by Missouri Pac. See below.

**DIVIDEND.**—In 1899, 2%; 1900, 6; '01, 6; '02 to '04, 10 y'ly; 1905, 7.

Lines owned and controlled.	Miles.	Leased lines, &c. (Con.)	Miles.
St. Louis to Omaha.....	494	Other lines.....	39
Other main line.....	975	Trackage to St. Joseph, &c.....	21
Branches owned.....	1,919		

**Leased lines, &c.**  
 Boonville St. L. & Southern.... 44 Tot. Mo. Pac. and branch lines... 3,492

Also owns all capital stock of Central Branch Union Pacific, &c., 388 miles; St. Louis Iron Mountain & Southern and leased lines, 2,459 miles. Grand total Missouri Pacific mileage July 30 1906, 6,339 miles.

Early in 1901 a large interest was acquired in the Denver & Rio Grande RR., and so in the Rio Grande Western Ry., extending the system as far west as Ogden, Utah. The Gould and Rockefeller holdings in the Denver & Rio Grande are together understood to constitute a large majority of entire capital stock. See also "General Finances."

**ORGANIZATION, LEASES, &c.**—The present company was a consolidation in August 1880, embracing the Missouri Pacific and minor roads. Control of the International & Great Northern was secured in 1892.

**STOCK.**—The amount outstanding on Dec. 31 1900 was \$50,432,150; this was increased to \$76,402,875 in 1901; in 1902 by \$1,400,000.

**DIVS.**—'82 '83 to '87 '88 '89 '90 '91 '92 to '00 '01 1902 to July 1906 Per cent 6 1/2 7 yearly. 5 1/2 4 4 3 None. 2 1/2 5 yearly.

**BONDS.**—The consolidated mortgage is for \$30,000,000—trustees John F. Dillon and Edward D. Adams—the balance unissued is in trust to redeem prior bonds due if deemed best. Abstract in V. 47, p. 287.

The collateral trust bonds due 1917 (Union Trust Company of New York, trustee) are secured by mortgage bonds of new roads at \$12,000 or \$15,000 per mile; these embracing the line from Fort Scott, Kan., to Pueblo, Col., &c. For securities pledged, &c., see V. 46, p. 678.

Collateral trust bonds due in 1920, see V. 50, p. 669, 874; collateral trust notes due Feb. 1908, V. 82, p. 100.

The 4s of 1905 (\$50,000,000 authorized issue) are to be secured by an equal amount at par of Iron Mountain stock, the deposited stock to be never less than a majority of the outstanding amount, the Mo. Pac. covenanting that it will not permit the creation by the Iron Mt. Co. of any stock having preference or priority as to dividends or otherwise over the stock pledged or the creation of any bonded debt of the Iron Mt. Co. In addition to its bonded debt at present authorized, except to fund, extend or retire such present authorized bonded debt, or for new property at a fair value not exceeding cost. The remaining \$25,000,000 is reserved for extensions, improvements and betterments. V. 80, p. 712.

**GENERAL FINANCES.**—In 1903 the Missouri Pacific Railway Co. acquired \$2,000,000 Wabash RR. preferred stock and the St. Louis & Iron Mt. \$6,500,000 additional, the latter also owning \$5,435,000 of the debenture B bonds, making the entire voting interest held \$13,935,000 out of a total of \$82,000,000 stock and voting debentures. V. 78, p. 1109. Syndicates in which the Goulds are interested have purchased the Western Maryland and have completed a line connecting the Wabash with Pittsburgh and built easterly to a connection with the Western Maryland and tidewater at Baltimore. The Gould interests are also back of the West. Pac. Ry., building bet. Salt Lake Cy. and San Fran. See V. 80, p. 1730. V. 79, p. 1023.

<b>EARNINGS.</b> —1 month, 1906.....	Gross, \$3,861,349; net, \$1,233,128
July 1 to July 31, 1905.....	Gross, 3,662,091; net, 1,225,288

**ANNUAL REPORT.**—Fiscal year changed to end June 30; year ending June 30 1906 was in V. 83, p. 886, 903, and "Chronicle" Oct. 20. Annual meeting is held at St. Louis in Feb. Report for earnings of Missouri Pacific system has been as below. "Other income" in 1905-06 includes: Int. on Tex. & Pac. 2d mtge. incomes, \$1,183,400; Pacific Express Co., \$144,000; Central Branch Ry., \$1,061,900; Denver & Rio Gr. RR., \$547,500; coal cos., \$410,000.

Total net income.....	\$17,843,327	\$16,073,273	\$16,224,850
Interest and rentals.....	\$8,936,792	\$8,191,983	\$7,718,109
Taxes.....	1,457,924	1,388,344	1,298,771
Sundry accounts.....	1,119,596	1,060,768	1,282,337
Dividends.....	(7 1/2)	5,836,305 (5)	3,890,867 (5 1/2)
Balance, surplus.....	492,710	1,541,310	2,034,766

**OFFICERS.**—Pres., George J. Gould; Sec. and Treas., A. H. Calof, 195 Broadway, New York.

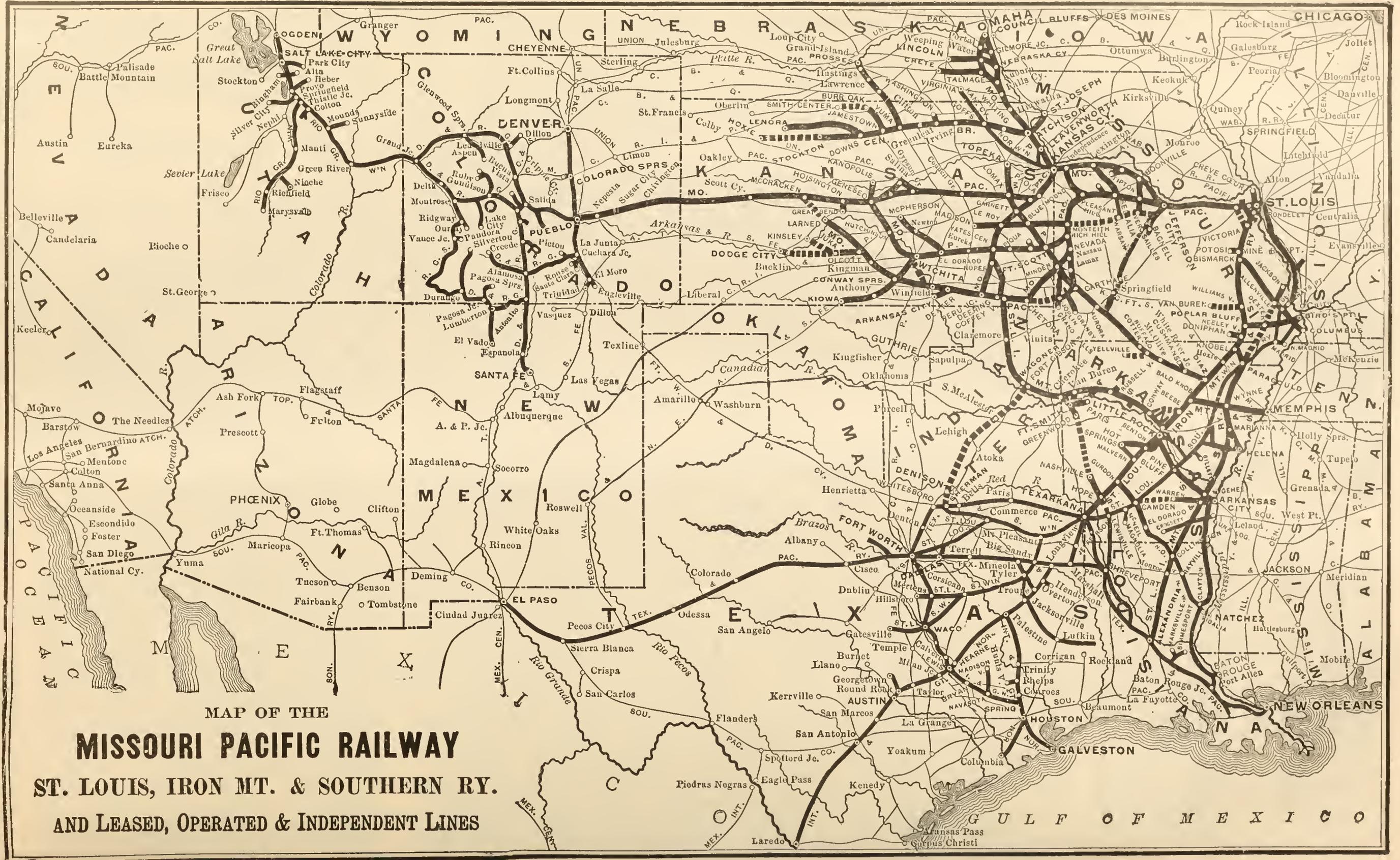
Directors.—George J. Gould, Russell Sage (deceased), Edwin Gould, Samuel Sloan, James H. Hyde, Howard Gould, Fred. T. Gates, Frank J. Gould and James H. Smith, New York; Charles S. Clarke, O. L. Garrison, W. K. Hixby, St. Louis, Mo.; S. Davies Warfield, Balto., Md.—(V. 83, p. 492, 886, 903.)

**(2) MISSOURI PACIFIC SYSTEM—ST. LOUIS IRON MOUNTAIN & SOUTHERN RY.**—(See Map.)—Owns St. Louis to Texarkana, Tex., line, 490 miles; branches to Belmont, Mo., Bird's Pt., Mo. (Calro), Camden, Ark., Helena, Ark., Cushman, Ark., Arkansas City, Ark., Warren, Ark., Memphis, Tenn., &c.; Houston Central Arkansas & Northern Railway, MeGehee, Ark., to Alexandria, La., 191 m.; White River branch, Illinois Division Memphis Helena & Louisiana East & West, Ill. Ry., 1,534 m.; total owned July 1 1906, 2,215 miles. Leases Little Rock Junction RR; Kansas & Ark. Valley RR. (acquired March 1906); St. Louis Southwestern Ry., and miscellaneous, 244 miles. Total operated July 1 1906, 2,459 miles.

Holders of the \$24,668,000 of the \$24,983,093 Texas & Pacific seconds exchanged their bonds for 65% in new Iron Mountain gold 4s. See "Bonds" below, also V. 68, p. 329, 380, 474, 520, 572, 619, 774.

The continuous low-grade line from St. Louis to New Orleans by connection with the Tex. & Pac. Ry. at Clayton, La., is nearing completion.

The short line between Kansas City and Memphis, via Carthage, Mo., and Newport, Ark., was opened for through business in Jan. 1906



MAP OF THE

# MISSOURI PACIFIC RAILWAY

## ST. LOUIS, IRON MT. & SOUTHERN RY.

### AND LEASED, OPERATED & INDEPENDENT LINES

GULF OF MEXICO



MAP OF THE  
**MOBILE, JACKSON**  
**KANSAS CITY R. R.**  
 AND CONNECTIONS.

RAILROADS. For explanation of column headings, &c., see notes on first page of tables.	Miles of Road.	Date of Bonds.	Size or Par Value	Amount Outstanding	INTEREST OR DIVIDENDS.			Bonds—Principal, When Due. Stocks—Last Dividend.
					Rate %	When Payable.	Where Payable, and by Whom.	
<b>Missouri Kansas &amp; Texas—(Concluded)</b>								
S W C & Imp 1st M assumed sinking fd call at 125. F	67	1889	\$1 000	\$968,000	6	J & N	Office, 49 Wall St, N Y	July 1 1929
Dallas & Waco 1st M \$20,000 p m g Ce.c* Guar pr	225	1890	1 000	1,340,000	5 g	M & N	do do	Nov 1 1940
M K & T of Texas 1st M \$20 000 pm Ce.c* } & Inter-	---	1892	1,000	4,505,000	5 g	M & S	do do	Sept 1 1942
Boonville Branch 1st M gold sink fd. Ce.c* (end)	---	1901	1,000	1 000,000	4 g	M & N	do do	Nov 1 1951
Missouri Pacific—Stock (\$100,000,000 authorized)	---	---	100	77 817,875	5 ln 1906	J & J	195 Broadway, New York	July 20 '06 2 1/2 %
Pacific RR of Mo 1st M extended in 1888 gold Me	283	1868	1,000	7,000,000	4 g	F & A	Mercantile Trust Co, N Y	Aug 1 1938
Second M ext in 1891 in gold St L to K C	283	1871	1,000	2,573,000	5 g	J & J	do do	July 1 1938
First M St Louis real estate ext in 1892 gold	---	1872	500 &c	800,000	5 g	M & N	do do	May 1 1938
First M Carondelet Br gold guar p&l (end) ext '93	13	1873	500	237,500	4 1/2 g	A & O	do do	Oct 1 1938
Third M ext in 1906, red 1905	296	1876	1,000	3,828,000	4 g	M & N	do do	July 1 1906
Missouri Pac 1st M Lexington to Sedalla, Mo. gold	55	1880	500 &c	650,000	5 g	F & A	do do	Aug 1 1920
Consolidated mortgage \$30,000,000 gold	1,076	1880	1,000	14,904,000	6 g	M & N	do do	Nov 1 1920
Gold collateral trust	1,120	1887	1,000	14,376,000	5 g	M & S	do do	Jan 1 1917
First coll M bonds for \$10,000,000 gold	671	1890	1,000	9 636,000	5 g	F & A	do do	Aug 1 1920
Mortgage \$50,000,000 gold red at 102 1/2	---	1905	500 &c	25,000,000	4 g	M & S	do do	Mar 1 1945
Two year collateral trust gold notes	---	1904	5,000	6,000,000	5 g	F & A	do do	Feb 10 1908
Ler & Caney Val 1st M gold guar (V 70, p 1095)	52	1886	1,000	520,000	5 g	J & J	do do	July 1 1926
Verdler's Val Independence & W 1st M gold guar	81	1886	1,000	806,000	5 g	M & S	do do	Mar 1 1926
K C & N W 1st M pref "A" gold int rent red 105 Me	---	1894	500 &c	1,026,000	5 g	J & J	do do	Jan 1 1933
Equip Ass'n obligations \$203,000 pay Sept 1 yearly	---	1902	1 000	1,218,000	5 g	Q—M	do do	Sept 1907-1912
do do Ser B gold \$97,000 due Mar 1 yearly	---	1903	1,000	582,000	5 g	Q—M	do do	To Mar 1 1912
do do Ser C, gold \$282,000 June 1 yearly. Me	---	1903	1,000	1,974,000	5 g	Q—M	do do	To June 1913
do do Ser D to F, gold \$103,000 Dec 1 yearly	---	1903	1,000	872,000	5 g	Q—M	do do	To Dec 1914
do do Ser G, gold \$43,000 June 1 yearly	---	1905	1,000	387,000	5 g	Q—M	do do	To June 1915
do do Ser H, gold \$100,000 yearly	---	1906	1,000	900,000	5 g	Q—M	do do	To March 1915
St. L. M & So Gen con & lgr M (\$45,000,000) g Me c*	1,538	'81-'87	1,000	37,2 6,000	5 g	A & O	do do	April 1 1931
do do gold stamped guaranteed p & l c*	1,538	---	1,000	6,322,000	5 g	A & O	do do	April 1 1931
Unifying & refunding M gold \$40,000,000. Mp. c*	1,538	1899	1,000	30,469,000	4 g	J & J	do do	July 1 1929
River & G Dlvs 1st M \$50,000,000 gold. Me. c* & r	616	1903	1,000 &c	25,096,000	4 g	M & N	do do	May 1 1933
Car trusts K to M, due June, Sept & Dec yearly	---	'95-'03	---	1,886,000	5	Quarter	do do	To Dec 1912
Car trusts Ser N to P \$355,000 or \$357,000 yearly	---	1903	1,000	2,187,000	5	Q—M	Townsend Whelen & Co	To June 1913
Car trusts Ser R & S \$297,000 or 299,000 yearly	---	1905	1,000	2,390,000	5	Q—M	do do	To June 1914
Little Rock Junct 1st M guar p & l by Ir Mt. Me c*	2	1891	1,000	435,000	6	A & O	Mercantile Trust Co, N Y	April 1 1916
Pine Bluff & West 1st M gu p & l red 10 years 105	44	1903	1,000	880,000	5 g	A & O	New York and St Louis	Oct 1 1923

MO. PAC. SYSTEM—ST. LOUIS IRON MT. & SOUTHERN (Concluded.)

BONDS.—General consol. mtge. ls for \$45,000,000, Nos. 11,001 to 18,000 inclusive are endorsed with the Missouri Pacific's guaranty of principal and interest; form of guaranty was in V. 56, p. 650; they are a first lien on 1,538 miles. (V. 68, p. 85 233, 520; V. 78, p. 704, 1224.)

The gold 4s of 1899 (first issue \$30,000,000) may be increased not over \$10,000,000, at \$12,000 per mile, for construction or acquisition and equipment of branches and extensions. They are secured by a lien (subject only to the general consols on all the railroads, terminals and equipment of the company owned at the time of the making thereof and also a first and only lien on all stocks and bonds formerly embraced in the trust of the gold funding note indenture, all leased and branch lines, or their bonds and stocks acquired by the loan, and \$23,668,000 Texas & Pacific second, future extensions, &c. (V. 68, p. 119; V. 70, p. 997; V. 74, p. 206; V. 78, p. 704, 1224.)

The River & Gulf Divisions 4s of 1903 (present issue \$20,000,000) will be secured by a 1st lien on 677 miles of road built or under construction (see above) and on terminal property at St. Louis, East St. Louis, Cairo and Thebes, and 8,000 acres of coal lands in Illinois, and deposit of the bonds of the Union Ry. of Memphis. Additional bonds may be issued up to a total of \$50,000,000 at not over \$30,000 per mile of main line for new construction to list, V. 77, p. 2036, 2049; see also V. 80, p. 245; V. 83, p. 436. ing the actual cost, and for additional terminals, equipment, double tracks, &c. See also above. V. 76, p. 543, 600, 1085; V. 77, p. 1875, and application to list, V. 77, p. 2036, 2049; see also V. 80, p. 2459.

Pine Bluff & Western guaranteed 5s of 1903 (American Central Trust Co. of St. Louis, trustee), see V. 78, p. 103; form, V. 78, p. 769.

On July 5 1905 the authorized issue of car trusts was increased from \$6,000,000 to \$10,000,000; of this \$2,689,000 was issued in 1905. V. 80, p. 2622; V. 81, p. 155, 1666.

ANNUAL REPORT.—Fiscal year changed to end June 30. Report for 1905-06 in V. 83, p. 903, and "Chronicle" Oct. 20, showed:

	Year ending June 30 '06.	Calendar 1904.	Year—1903.
Gross earnings	\$21,209,777	\$19,788,829	\$19,575,350
Net earnings	7,878,960	6,988,100	6,720,285
Other receipts	1,710,439	1,493,923	1,428,572
Total net income	9,589,399	8,482,023	8,148,857
Interest on bonds	4,314,517	3,963,688	3,624,601
Taxes, bridge exp., rentals, &c.	1,145,110	1,197,365	1,056,512
Dividends	(14)4,114,588	(10)2,578,831	(10)2,578,831

Balance for year sur. \$15,184 sur. \$742,139 sur. \$888,913  
—(V. 81, p. 1551, 1666, 1724; V. 82, p. 220, 930, 1102; V. 83, p. 436.)

MISSOURI RIVER & NORTHWESTERN RY.—Owns Rapid City to Mystic, S. D., 35 miles, opened Mch. 1906. A reorganization Apr. 1904 of the Dakota Pacific RR. Stock, \$500,000 each of com. and 4% cum. pref. par of shares. \$100 Bonds are subject to call at 105 after June 1 1914. Cleveland Tr. Co., trustee. V. 81, p. 1610. Pres., C. D. Crouch; Sec. and Treas. T. H. Saunders. Office, Rapid City, S. D.—(V. 81, p. 1610; V. 82, p. 568.)

MOBILE & BIRMINGHAM RR.—(See Map, Southern Ry.)—Mobile to Marlon Jct., Ala., with branches; 150 miles. Leased to Southern Ry. from Mch. 1 1899 for 99 years, the latter agreeing to meet the interest on bonds and to guarantee a dividend on the \$900,000 pref. stock of 1% for first year, 2% for second year and 3% for third year, and 4% for the fourth year and thereafter. The \$900,000 common stock is owned by Southern Ry., and the voting power on the pref. irrevocably assigned to Southern Ry. during lease; V. 68, p. 429, 1134; V. 69, p. 391; V. 71, p. 1013.—(V. 72, p. 137.)

MOBILE JACKSON & KANSAS CITY RR.—(See Map.)—Operates: Road owned—Miles. Road controlled—Miles.  
Mobile, Ala. to Decatur 167 Gulf & Chicago (leased 99 yrs.).  
Beaumont, Miss., to Hattiesburg 27 Decatur, Miss., to Middleton.  
Ellisville Jct. to Ellisville, Miss. 6 Tenn 203

Total main track owned 200 Total 203  
Total road owned and leased (100 miles 60-lb. and 303 m. 70-lb. steel) 403  
STOCK.—M. J. & K. C. RR. \$4,000,000 common; par. \$100  
Gulf & Chicago Ry. 5,000,000 do do 100

BONDS.—M. J. & K. C. RR. \$4,000,000 1st consol. mtge., covering 200 miles main track and valuable terminal property in Mobile Harbor; \$36,000 of old 1st mtge. 5s still outstanding, for which an equal amount of consols are reserved. The 1st consols are subject to call at 110. V. 77, p. 822; V. 70, p. 687; V. 78, p. 48; V. 81, p. 1315.  
Gulf & Chicago Ry. \$5,000,000 1st mtge. 5s; the \$4,000,000 issued cover 203 m. of track. Bonds guar. prin. & int. by M. J. & K. C. RR. Co. by end. on each bond. Both issues limited to \$20,000 per mile of main track.

The car trust 4 1/2s of 1905 mature \$15,000 quarterly to July 1906; thereafter \$14,000 quarterly to July 1910. V. 81, p. 1550.  
EARNINGS.—For 12 months ending June 30 1906, gross, \$1,134,320; against \$677,745 in 1904-05.

REPORT.—For year ending June 30 1905, in V. 82, p. 97, showed (259 average miles): Gross, \$677,528; net, \$273,489; charges, taxes, &c., \$254,652; bal. sur., \$18,837.

OFFICERS.—Pres., Bird M. Robinson, 5 Nassau St., N. Y.; Chairman of Executive Committee, W. D. Stratton; Sec. and Treas., Geo. W. Cray.  
Directors—W. D. Stratton, Alex. McDonald, Bird M. Robinson, J. T. Odell, E. K. Stallo, Charles E. Levy, R. W. Jones Jr., of New York; F. E. Dewey, C. D. Willoughby, Gen. J. E. Whiting, Mobile; E. E. Jackson, Baltimore, Md.—(V. 79 p. 2748, V. 81, p. 1315, 1550; V. 82, p. 97, 1212.)

MOBILE & OHIO RR.—(See Map So. Ry.)—Owns from Mobile, Ala., to Columbus, Ky., 472 miles, proprietary line, Kentucky & Tennessee RR. to East Cairo, 21 m.; branches to Columbus, Miss., &c., 34 m.; Columbus, Miss., to Montgomery, Ala., 167 m.; Mobile & Bay Shore Branch 38 m.; with Warbler Branch, &c., 23 m., and Blocton Branch, 12 m.; total owned, 767 miles; St. Louis & Cairo (leased), Cairo to St. Louis, 152 m., with branch to Millstadt, 7 m.; total June 30 1905, 926 miles.

HISTORY, &c.—Opened in 1861; securities re-adjusted in 1870.  
In 1905 the Southern Ry. had acquired \$8,035,000 of the \$9,472,000 gen. 4s and \$5,670,200 of the \$6,070,600 stock, issuing dollar for dollar, its coll.

trust 4% gold bonds in exchange for the M. & O. gen 4s, secured by a pledge of the latter and also stock trust certificates for stock, dividends being payable (A. & O.) at 4% in perpetuity thereafter. Road operated independently. V. 72, p. 241, 483.

DIVIDENDS.—1898 1%; 1903, 2; June 1904, 2%; 1905, 4%; 1906, June, 3%. See paragraph above.

STOCK.—Stock authorized, \$10,000,000; outstanding, \$6,070,600; par, \$100. The voting power on \$4,984,200 of the stock is exercised by the gen. mtge. bondholders by virtue of the deposit in trust under the general mortgage of the old debentures of 1879.

BONDS.—Under the general mortgage of 1888 there can be no foreclosure of all four coupons are in default. Mortgage abstract, V. 47, p. 83. V. 60, p. 967. Interest on \$4,000,000 St. Louis & Cairo 4s is guaranteed. As to Mont. Div. 1st 5s, see application, V. 66, p. 1045.

Of the \$2,500,000 collateral trust 4s of 1900, \$2,167,000 were issuable in exchange for the \$6,500,000 St. Louis & Cairo stock. See V. 70, p. 532. In 1904 \$6,492,000 stock had been exchanged.

EARNINGS.—2 mos. } 1906 --- Gross, \$1,656,492; net, \$525,688.  
July 1 to Aug. 31 } 1905 --- Gross, 1,402,737; net, 398,888.

REPORT.—Report for 1904-05 in V. 81, p. 1371.  
Year ending June 30— 1906. 1905. 1904. 1903.

Miles operated	926	912	874
Total gross earnings	\$9,445,926	\$8,267,601	\$7,739,706
Net earnings	2,900,492	2,616,716	2,339,796
Net, incl. other income	2,744,052	2,462,826	2,397,959
Interest and rentals	---	1,754,725	1,677,587
Balance, surplus	---	\$989,327	\$785,239
Dividends paid	(3)182,118	(4)242,824	(2)121,412
Equip. and new construc. (add to oper. exp.)	---	581,233	451,799
Surplus	---	\$165,270	\$212,027

MOHAWK & MALONE RR.—(See Maps N. Y. Central.)—Owns from Herkimer, N. Y., to Malone, with branches, 182 miles in all.

HISTORY, LEASE, &c.—New York Central owns the \$5,000,000 stock, on which dividends of 4% yearly are paid. In 1902 a new lease in perpetuity was made and \$10,000,000 3 1/2% consols authorized, of which \$2,500,000 reserved to retire at maturity the first mtge. bonds and \$3,600,000 for improvements and enlargements.—(V. 74, p. 630, 830, 937.)

"MONON."—See CHICAGO INDIANAPOLIS & LOUISVILLE RY.

MONONGAHELA RR.—Brownsville, Pa., to Redstone Jct., 35 miles, connecting with the Pittsburgh & Lake Erie and Pittsburgh Virginia & Charleston (Penn. syst. lines), which guarantee the bonds (see table above), principal and interest, by endorsement. Stock, \$1,428,000. Penn. RR. & Pittsburgh & Lake Erie each own \$714,000 stock. Year ending Dec. 31 1905, gross, \$710,783; net, incl. other income, \$244,320; charges, \$92,509; extraordinary expenditures, \$101,055; bal. sur., \$50,757.

MONONGAHELA RIVER RR.—Road from Fairmont to Clarksburg, W. Va., 31 miles. Road opened in 1890. B. & O. owns all of the \$1,300,000 stock (par \$100), the coal bonds being reduced to \$1,000,000. Car trust 6s, principal Apr. 1 1905, \$209,000.—(V. 70, p. 1092.)

MONTANA RR.—Lombard, Mont., to Lewistown, 157 m. and br. 6 miles. In May 1906 the Chic. Milw. & St. P. acquired the road. V. 82, p. 1212.

Stock, authorized, \$3,500,000, all outstanding; par of shares, \$100. Of the \$2,000,000 bonds issued on first 100 miles, \$999,000 are stamped redeemable at 105 and int. on 6 months' notice, the remaining \$1,001,000 being held June 30 1905 by the Northern Pacific Ry. as collateral for \$392,865 notes. No bonds issued on remainder of road. Year ending June 30 1905 (partly estimated), gross, \$285,999.—(V. 82, p. 1212.)

MONTGOMERY & ERIE RY.—(See Map Erie RR.)—Owns Montgomery to Goshen, N. Y., 10 miles. Leased in 1872 to Erie RR. (which see). Rental is \$16,000 per annum. Stock, \$150,000. Dividends (4 1/2% per an.) are paid May 10 and Nov. 10. Sinking fund, \$6,500 per annum. There are \$40,500 2d mort. 5s due Oct. 1 1927.

MORELIA & TACAMBARO RY.—Projected from Irapuato, State of Guanajuato, Mex., on the Mexican Central Ry., south to Arfo, 225 miles, including 25 miles of side tracks, of which 55 miles from Guanajuato to Puruandiro, is to be completed in 1906. The road will develop large partly developed agricultural, timber and mineral sections. Concessions include \$4,800 Mexican currency per mile, exemption from import duties on construction material and from Federal and State taxation, excepting stamp tax, for 15 years, etc. Stock, \$6,000,000, all outstanding; par, \$50. Bonds (\$5,000,000 authorized, are issuable at \$22,222 per mile; \$1,200,000 were underwritten for first 55 miles. V. 81, p. 726; V. 83, p. 562. Financed by A. J. Peyton & Co., New York. Pres., Edson J. Chamberlain, Ottawa; Gilbert F. Farquhar, V.-P. and Gen. Mgr.; Jacob L. Gratsinger, 2d V.-P.; C. D. Knapp, Jr., Sec. and Treas., 111 Broadway, N. Y.—(V. 81, p. 726; V. 83, p. 562.)

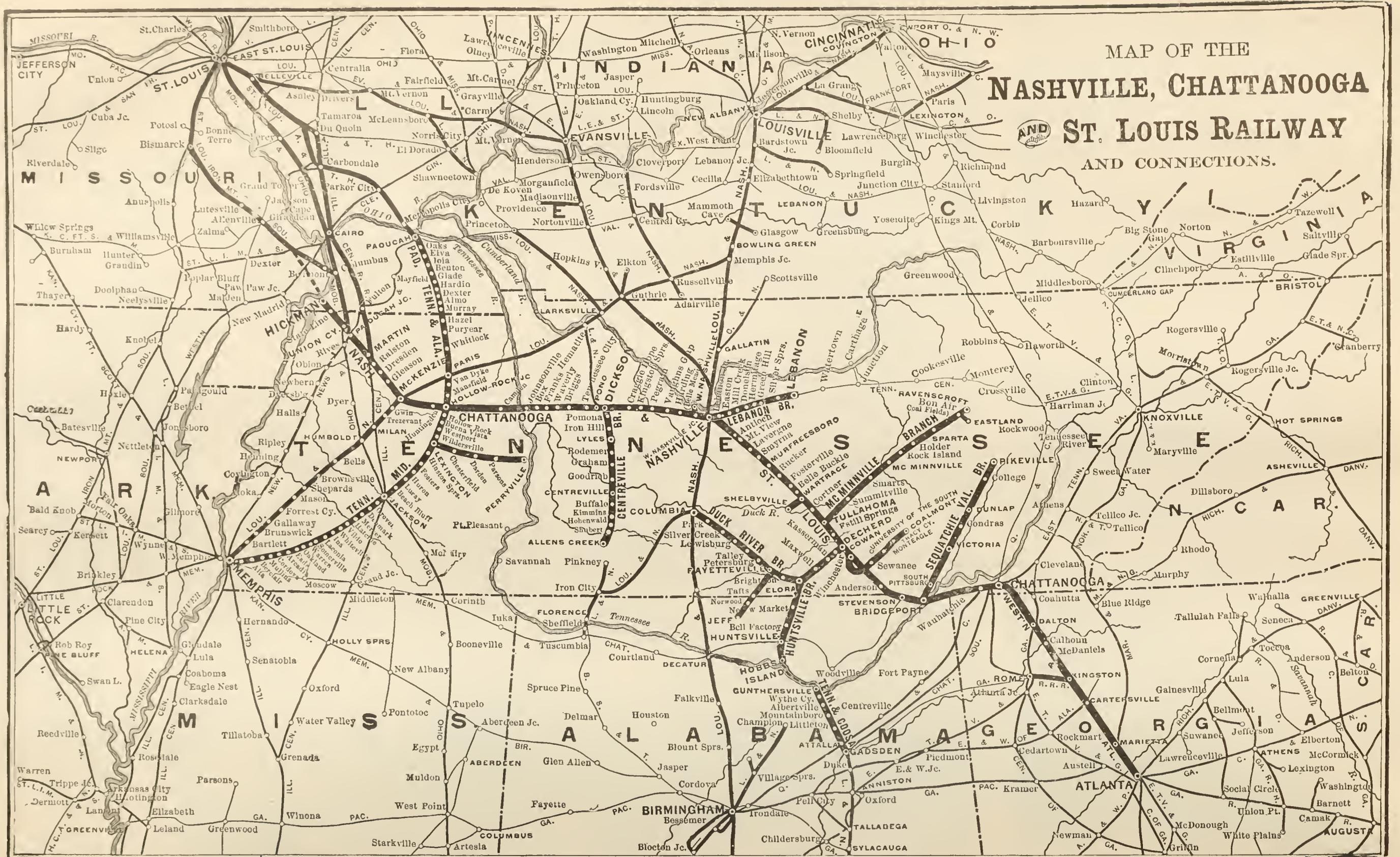
MORGAN'S LOUISIANA & TEXAS RR. & STEAMSHIP CO.—(See Map of Southern Pacific.)—ROAD.—Owns Algiers to Cheneyville, 205 miles; branches, 110 m.; trackage to Alexandria, 24 m.; total railroad lines, 339 m.; steamship lines and ferries, 806 miles.

ORGANIZATION.—The Southern Pacific Co. owns all of the \$15,000,000 stock, but road operated independently since 1901.  
In year ending June 30 1905, gross, \$5,653,232; net, including other income, \$2,046,299; surplus over charges, \$1,683,707.—(V. 76 p. 543)

MORRIS & ESSEX RR.—(See Map of Delaware Lackawanna & Western.)—Owns from Hoboken, N. J., to Phillipsburg, N. J., 85 miles; branch Denville, N. J., via Morris & Essex Tunnel, to Hoboken, N. J., 35 miles; leases 37 miles; total operated, 157 miles.

LEASED in perpetuity to Delaware Lackawanna & Western, which assumes all liabilities and guarantees 7% per annum on stock.

BONDS.—Of the \$35,000,000 1st refunding 3 1/2s, \$23,400,000 were reserved to retire existing bonds and \$11,600,000 were applicable to additions. V. 70, p. 480, 477; V. 71, p. 1167. Guaranty, V. 74, p. 1308.



MAP OF THE  
**NASHVILLE, CHATTANOOGA**  
**AND ST. LOUIS RAILWAY**  
 AND CONNECTIONS.

RAILROADS.	Miles of Road.	Date of Bonds.	Size, or Par Value.	Amount Outstanding	INTEREST OR DIVIDENDS.			Bonds—Principal, When Due, Stocks—Last Dividend.
					Rate %	When Payable.	Where Payable, and by Whom.	
Mo River & Northw—1st M gold \$1,000,000 red (text)	---	1904	\$1,000	\$700,000	5 g	J & D	Seab Nat Bk, N Y & Clev	June 1 1944
Mobile & Birmingham RR—Pref stock (\$900,000)	---	---	100	900,000	4	J & J	J P Morg & Co, NY; & Lon	July 1 1906 2 %
Prior lien gold \$600,000	150	1895	200, 1000	600,000	5 g	J & J	J P Morgan & Co, N Y	July 1 1945
First mortgage \$1,200,000	150	1895	200, 1000	1,200,000	4	J & J	do do	July 1 1945
Mobile Jack & K—1st cons M \$4,000,000 gold	200	1903	1,000	3,964,000	5 g	J & J	Colonial Trust Co, N Y	Jan 1 1953
Gulf & C 1st M \$5,000,000 gold guar red 110	203	1903	1,000	4,000,000	5 g	J & J	do do	July 1 1953
Equipment bonds gold due quarterly	---	1905	1,000	210,000	4 1/2 g	Q—J	---	To July 1910
Mobile & Ohio—Stock	---	---	---	6,070,600	See text.	See text.	---	June 23 '06 3 %
First M Mobile to Columbus (principal gold)	472	1879	500 & c	7,000,000	6	J & D	Farmers' L & Tr Co, N Y	Dec 1 1927
First M exten Columbus to Calro & branch gold	55	1883	1,000	1,000,000	6 g	Q—Jan	do do	July 1 1927
General mortgage for \$10,500,000 (now gold) s.f.F.c*	506	1888	500 & c	9,471,555	4 g	M & S	Gallatin Nat Bank, N Y	Sept 1 1938
Montgomery Div 1st M \$4,000,000 gold	189	1897	1,000	4,000,000	5 g	F & A	do do	Feb 1 1947
Collateral trust gold (\$2,500,000) call at par	---	1900	1,000	2,497,000	4 g	Q—F	Guar Trust Co, New York	May 1 1930
St Louis & Calro first mortgage gold interest guar	161	1886	500 & c	4,000,000	4 g	J & J	Farmers' L & Tr Co, N Y	Jan 1 1931
Mobile & B Sh 1st M \$200,000 assumed gold	38	1899	500 & c	200,000	5 g	M & N	First Nat Bk, Mobile, Ala	May 1 1949
Equipment bonds (mostly 6s)	---	1898	1,000	106,000	5-6	Various	Farmers' L & Tr Co, N Y	To 1908
Equipment trusts "A" & "B" \$500,000 each sink fd	---	1899	1,000	1,000,000	5	Various	do do	1919
do do Series A C F	---	1901	1,000	379,140	5	Various	Gallatin Nat Bank, N Y	To 1908
do do Series A C F	---	1905	---	369,008	4 & 4 1/2	Various	---	To 1908
do do Series "C" due semi-annually	---	1904	1,000	890,000	5	M & S	Blair & Co, New York	Sep '06-Mar '11
do do Series "D" gold \$34,000 due s-a	---	1905	1,000	607,000	4	J & J	Guaranty Trust Co, N Y	---
do do Series E, gold \$46,000 due s-a	---	1906	1,000	870,000	4 1/2 g	M & S	Guar Tr Co, New York	Mar '07-Mar '16
Joint equipment notes (\$9,500 due semi-annually)	---	1902	1,000	114,000	4	---	Equitable Trust Co, N Y	To June 15 1912
Moh & Mat—1st M \$15,000 p m g g u p & l (end)	182	1892	1,000	2,500,000	4 g	M & S	Knickerbocker Tr Co, N Y	Sept 1 1991
Consolidated mortgage \$10,000,000 gold	---	1902	1,000 & c	3,900,000	3 1/2 g	M & S	S Grand Cent Station, N Y	Mar 1 2002
Monongahela RR—1st M \$1,500,000 joint guaranty	35	1902	---	1,428,000	3 1/2 g	A & O	O Philadelphia, Pa	Oct 1 1942
Monongahela River RR—Bonds—See B & O RR.	---	---	---	---	---	---	---	---
Montana RR—First mortgage gold \$2,000,000	100	1900	1,000	See text.	5 g	J & J	Central Trust Co, N Y	July 1 1930
Montgomery & Erie Ry—1st M (old 7s extended in '86)	---	1866	1,000	130,000	5	M & N	Goshen, N Y	May 1 1926
Morelia & Tacambaro—1st M gold (see text)	55	1903	1,000	1,200,000	5 g	J & J	U S Mort & Tr Co, N Y	Jan 1 1943
Morgan's La & Texas—1st M (New Or to Morg C).F.c*	102	1878	1,000	5,000,000	7	A & O	S P Co, 120 B'way, N Y	April 1 1918
First mortgage Alexandria Extension gold	157	1880	1,000	1,494,000	6 g	J & J	do do	July 1 1920
General mortgage	204	1893	1,000	1,000,000	5	J & J	do do	July 1 1913
Morris & Essex—Stock 7% guaranteed D L & W	---	---	50	15,000,000	7	J & J	Del Lack & Western, N Y	July 2 '06 3 1/2 %
First mortgage	85	1864	250 & c	5,000,000	7	M & N	do do	May 1 1914
Cons M (for \$25,000,000) guar D L & W	119	1875	1,000	11,677,000	7	J & D	do do	June 1 1915
First ref M gold \$35,000,000 guar p & l (end)	119	1900	1,000	12,600,000	3 1/2 g	J & D	do do	Dec 1 2000
Special real estate bonds	---	Var.	---	1,800,000	4 1/2	J & J	do do	1912
Morris & Essex Extension stock guaranteed 4 %	2	---	100	221,000	4	M & N	do do	Nov 1906 2 %

**EARNINGS.**—Important to D. L. & W. with terminal facilities on N. Y. Harbor, but the earnings show a deficit after payment of rental (including \$1,050,000 dividends), viz.: In 1905, \$585,394; 1904, \$673,172; 1903, \$449,121; 1902, \$595,976; 1901, \$1,415,179.—(V. 74, p. 1308; V. 82, p. 805.)

**MORRISTOWN & ERIE RR.**—Owns Morristown, N. J., to Whippany, 4 m.; branches, 9 1/2 m., including branch from Whippany to Essex Falls, 7 m., completed Jan. 1904. A consolidation in Aug. 1903. Stock, \$400,000, all outstanding; par of shares, \$100. Bonds are subject to call for s. f. at any time. Year ending Dec. 31 1904, gross, \$41,446; net, \$19,020. Pres., R. W. McEwan, 11 Broadway, N. Y.—(V. 77, p. 511.)

**MOUNT CARBON & PORT CARBON RR.**—Owns Mt. Carbon to Port Carbon, Pa., 3 m.; 2d track, 2 1/2 m.; total track, 16 miles. Leased March 5 1860 for 50 years to Phila. & Read. RR. and lease assumed in 1896 by Phila. & Read. Railway. Rental, \$36,250 yearly.

**MUSCATINE NORTH & SOUTH RY.**—Muscatine, Iowa, to Elrick, on Iowa Cent., 28 m., with which it has traffic contract. V. 76, p. 654. Extension from Elrick to Burlington, 20 m., was reported to be proposed. Incorporated in March 1905 as successor of the railroad of same name, foreclosed on Dec. 15 1904. In Oct. 1906 details of new securities had not been arranged. Stock, \$450,000; par, \$100. Year 1904-05, gross, \$59,219; net, \$76.—(V. 79, p. 2697; V. 80, p. 1059.)

**MUSKEGON GRAND RAPIDS & INDIANA RR.**—Owns road, Grand Rapids to Muskegon, Mich., 37 m.; trackage, G. R. & Ind. at Grand Rapids, 3 miles. Operated by G. R. & Ind. RR., which was foreclosed in 1896; consideration, net earnings. Stock authorized, \$350,000; par, \$100; issued, \$1,000. Coupon of July 1905 paid in July 1906. Earnings for year ending Dec. 31 1905, gross, \$175,363; net, \$47,273; interest on bonds, \$37,500.—(V. 80, p. 600; V. 81, p. 1376; V. 82, p. 219; V. 83, p. 213.)

**NASHUA & LOWELL RR.**—Owns double track road from Lowell, Mass., to Nashua, N. H., 15 miles. On Oct. 1 1880 leased for 99 years to Boston & Lowell. In 1887 lease was transferred to Boston & Maine, which pays a rental of \$73,000 (9% on stock); in Nov., 1906, 1/2% extra will be paid.

**NASHVILLE CHATTANOOGA & ST. LOUIS RY.**—(See Map.)—Owns from Chattanooga, Tenn., to Hickman, Ky., 320 m.; branches to Lebanon, &c., 515 m.; leases Western & Atlantic, Chattanooga, Tenn., to Atlanta, Ga., 137 m., and Memphis & Paducah Division of the L. & N., 254 miles. See V. 71, p. 544, 664, 864. Total operated July 1 1906, 1,226 miles.

**ORGANIZATION.**—A majority of the stock (\$7,177,600) is owned by the Lou. & Nash., of which \$5,501,500 is pledged under its unified mtge., etc., so that the systems are operated in harmony. West. & Atl. is leased from State of Georgia till Dec. 27 1919 at \$420,012 per annum.

**DIVID'S.** '89 to '92 '93 '94 '95 to '98 '99 to '03 '04 '05 1906 since 1888... 5 yearly. 3 1/2 4 y'ly. None. 4 5 5

**BONDS.**—The Tracy City branch 6s fall due \$20,000 yearly on Jan. 1 to 1916 inclusive, and \$100,000 on Jan. 1 1917.

Consolidated mtge. of 1888 provides that all prior bonds shall be paid off at maturity; sufficient of the \$20,000 p. m. are reserved for the m. In 1905 the rate on future issues was reduced to 4%. V. 81, p. 1044.

Jointly with Lou. & Nash. guarantees \$2,500,000 L. & N. Terminal Co. bonds. See Lou. & Nash. V. 75, p. 1354. Guaranty of \$21,000 Aetna Iron. Mfg., Mining & Oil 6s. V. 77, p. 2390.

**LATEST EARNINGS.**—July 2 to Aug. 31 (2 months):

2 months—	Gross.	Net.	Interest, &c.	Bal., sur.
1906	\$1,879,778	\$420,675	\$298,938	\$121,737
1905	1,674,021	405,767	299,556	106,211

**ANNUAL REPORT.**—Report for 1905-06 was in V. 83, p. 815.

Years ending June 30.	1906.	1905.	1904.	1903.
Mileage end of year	1,226	1,226	1,201	1,195
Gross earnings	\$11,120,982	\$10,113,057	\$10,206,022	\$9,606,370
Net earnings	2,766,069	2,560,407	2,624,992	2,610,766
Investments, &c.	18,455	18,930	18,297	22,065
Net income	\$2,784,524	\$2,579,337	\$2,643,289	\$2,632,831
Interest on debt and tax	\$1,169,670	\$1,174,734	\$1,183,286	\$1,183,473
Rentals	624,862	625,878	625,878	625,878
Miscellaneous	36,000	36,000	66,000	26,000
Div. on stock	(5) 500,000	(5) 500,000	(4) 400,000	---
Balance, surplus	\$453,992	\$242,725	\$368,126	\$797,480

Pres., John W. Thomas Jr.; Vice-Pres., H. F. Smith; Chairman of Board, E. C. Lewis.—(V. 82, p. 510; V. 83, p. 376, 815.)

**NASHVILLE & DECATUR RR.**—(See Map Louisville & Nashville.)—Owns from Nashville, Tenn., to Decatur, Ala., 119 miles. Re-leased to Lou. & Nash. in 1900 for 99 years, the rental being 7 1/2% on stock. The Lou. & Nash. July 1 1906 owned \$1,979,600 of the stock.—(V. 70, p. 1195.)

**NASHVILLE TERMINAL RR.**—Owns bridge across the Cumberland River and 18 m. of track. Leased for 99 years from May 1 1902 to Tenn. Cent. RR., which owns entire \$1,000,000 stock.—(V. 74, p. 577, 830.)

**NATIONAL RR. OF MEXICO.**—(See Map.)—Operates a road extending from Corpus Christi, Tex., on Gulf of Mexico, to City of Mexico, with branch to Uruapan, and various other branches, as follows:

Standard Gauge—Owned.	Miles.	Narrow Gauge—Owned.	Miles.
Laredo to City of Mexico	802	City of Mexico to Uruapan	312
Colonla to Tacuba (3-rail track)	3	Acambaro to Gonzales	55
Cintura line (3-rail track)	3	Brownsville & Gulf	1
San Juan Jct. to Jaral	50	Leased—	---
Vanegas to Matchuala	41	Michoacan & Pacific Ry., Maravatio to Zitacuaro	57
Rincon to Pozos	37	---	---
Monterey to Matamoros	205	---	---
Other	5	Total Incl. In earnings	1,731
Controlled—Secur. owned.	---	Controlled—Earnings separate (see separate statement for each).	---
Texas Mexican Ry., Corpus Christi to Laredo, Tex., and branch	162	Mexican International RR.	884
---	---	Interoceanic Ry. of Mexico	736
Total standard gauge	1,305	Grand total Jan. 1 1906	3,351

The Mexican International RR., controlled by ownership of majority of stock, extends from connection with the Southern Pacific at Eagle Pass, Tex., to Durango, Mex., and to the National RR. of Mexico at Monterey, with branches, 884 miles in all.

Extension from Monterey to San Miguel, 148 m., was completed Apr. 1905. Standard-gauge train service inaugurated between Corpus Christi and City of Mexico on Nov. 8 1903.

In March 1906 the Hidalgo & Northeastern, 152 miles (narrow-gauge) with branches, was acquired at a cost of about \$6,200,000. Mexican currency. V. 82, p. 751, 869, 1380.

**ORGANIZATION.**—Incorporated in Utah on Feb. 24 1902 as successor without foreclosure of Mexican Nat. RR., per plan in V. 73, p. 784.

**MEXICAN GOVERNMENT, &c.**—In June 1903 the Mexican Gov. purchased for \$9,000,000 about 47% of the entire outstanding stock (see V. 76, p. 1301; V. 77, p. 451), and now holds \$10,000,000 1st pref., \$9,343,900 2nd pref. and \$10,975,300 deferred stock. V. 77, p. 1225, 2159.

The National Co. acquired the £1,038,000 Interoceanic Ry. of Mex. 2nd deb. stock, the latter, with preference and com. shares owned and since acquired, giving practical control, thus securing for the National a line from Mexico to Vera Cruz and an outlet to the Gulf of Mexico. (See below.)

The Government also consented to the consolidation of the National, Mex. Internat. and Interoc. Rys., and granted an exclusive concession for 20 years from Oct. 31 1903 to construct a road in a zone 50 kilometers wide with the Rio Grande River as the northern boundary and extending from the Gulf of Mexico to a point 100 kilometers northwest of Ciudad Porfirio Diaz. (V. 77, p. 2159.)

**STOCK.**—Com. stock was \$33,350,000, and pref. (now 1st pref.), 4% non-cum., \$32,000,000, all issued, of which \$3,167,075 in treasury Dec. 31 1905. In Oct. 1903 the com. stock was mostly exchanged for new 5% non-cumulative 2nd pref. stock (total issue to be \$22,233,333) and deferred stock (total issue to be \$11,116,666) at the rate of two shares of 2nd pref. and one share of deferred for every three shares of com. stock, per plan V. 76, p. 1192. Outstanding, 1st pref., see above; 2nd pref., \$21,988,000; deferred, \$10,994,000; com., \$368,000; par of shares, \$100 each. The first pref. has a prior right to 4%, then 2nd pref. 5%, then 2nd pref. and deferred share pro rata.

**DIVIDEND.**—First div. on 1st pref., 1%, paid Aug. 10 1906. V. 83, p. 156.

**BONDS.**—The prior lien bonds can be increased above \$23,000,000 only to refund \$ for \$, Mexican Internat. RR. prior lien bonds, now \$5,850,000. First consolidated mtge. 4% gold bonds. Total issue (except to refund, \$ for \$, Mexican Internat. RR. 1st consols, now \$7,503,000) not to exceed \$60,000,000, of which there are reserved:

Reserved to retire new prior lien bonds when due	\$23,000,000
Reserved for improvements and new equipment, at not exceeding \$500,000 a year	4,605,000
Reserved for acquisitions of new property and for extensions at not exceeding \$10,000 per mile of standard-gauge line, or \$7,500 per mile of narrow-gauge line, on which the consol. mortgage will be a first lien	4,946,000

The new issues of bonds are secured by a 1st and 2nd lien respectively on all the property of the company now owned or provided for under the readjustment and the El Salto extension when constructed, and also upon the securities of the Texas Mexican Ry., and the consol. mtge. has also a 1st lien on \$15,786,100 of the \$20,708,200 capital stock and all of the \$4,499,000 incomes of Mexican Internat. Of the \$25,449,000 consols issued, \$1,050,000 Jan. 1 1906 were in treasury or pledged for gold notes of 1903.

Of the Mexican Internat. consol 4s, \$6,481,000 are guaranteed, principal and interest. See that company's statement; also V. 75, p. 77.

**GENERAL FINANCES.**—In 1903 \$8,500,000 two year (extended in 1905) 5% notes (authorized issue, \$10,000,000), were sold to pay for control of Interoc. Ry. They are subject to call at par on 60 days notice; denominations, \$1,000 and \$5,000 each. They are secured by deposit of £1,038,400 Interoc. Ry. of Mex. 2nd deb. stock, £1,251,830 ordinary and £102,000 7% cum. pref. stock, \$3,000,000 Mexican Internat. 1st consols (stamped guaranteed) and \$1,050,000 Nat. RR. of Mex. 1st consols. The remaining \$1,500,000 notes may be issued on deposit of additional security. In Apr. 1906 final \$3,000,000 prior lien bonds were sold to pay for the Hidalgo & Northeastern RR. V. 82, p. 869, 1380.

**EARNINGS.**—8 months, 1906—Gross, \$9,812,373; net, \$3,876,546 Jan. 1. to Aug. 31. 1905—Gross, 8,170,941; net, 2,697,236

Above figures are in Mexican currency. See also V. 77, p. 1225.

**ANNUAL REPORT.**—Fiscal year now ends June 30. Next report will be for 6 months ending June 30 1906. Report for 1905, with the bal. sheet, &c., was given in V. 82, p. 800, 812; edit., p. 779. Gross and net earnings below are given in Mexican currency, the income account in U. S. currency. For earnings of the Mexican Internat. (operated separately), see that co.

**EARNINGS.**—(U. S. CURRENCY EXCEPT GROSS EARNINGS.)

Year ending Dec. 31—	1905.	1904.	1903.
Average miles operated	1,712	1,586	1,452
Gross earn. (Mexican currency)	\$12,755,723	\$11,569,248	\$11,344,010
Net earnings (Mexican currency)	4,471,068	3,864,576	3,709,430
Net earnings (U. S. currency)	2,219,094	1,786,884	1,563,086

**INCOME ACCOUNT.**—(UNITED STATES CURRENCY.)

	1905.	1904.	1905.	1904.
Net earnings	\$2,219,094	1,786,884	Deduct—	---
Int. dis & exch	21,659	5,046	Taxes & exch.	48,868
Int. on bds., &c.	515,814	550,358	Int. on bonds	2,208,410
Gain on Mexican money assets	13,845	102,923	Int. on loans	68,557
			Texas-Mexican Ry. net earn.	55,390

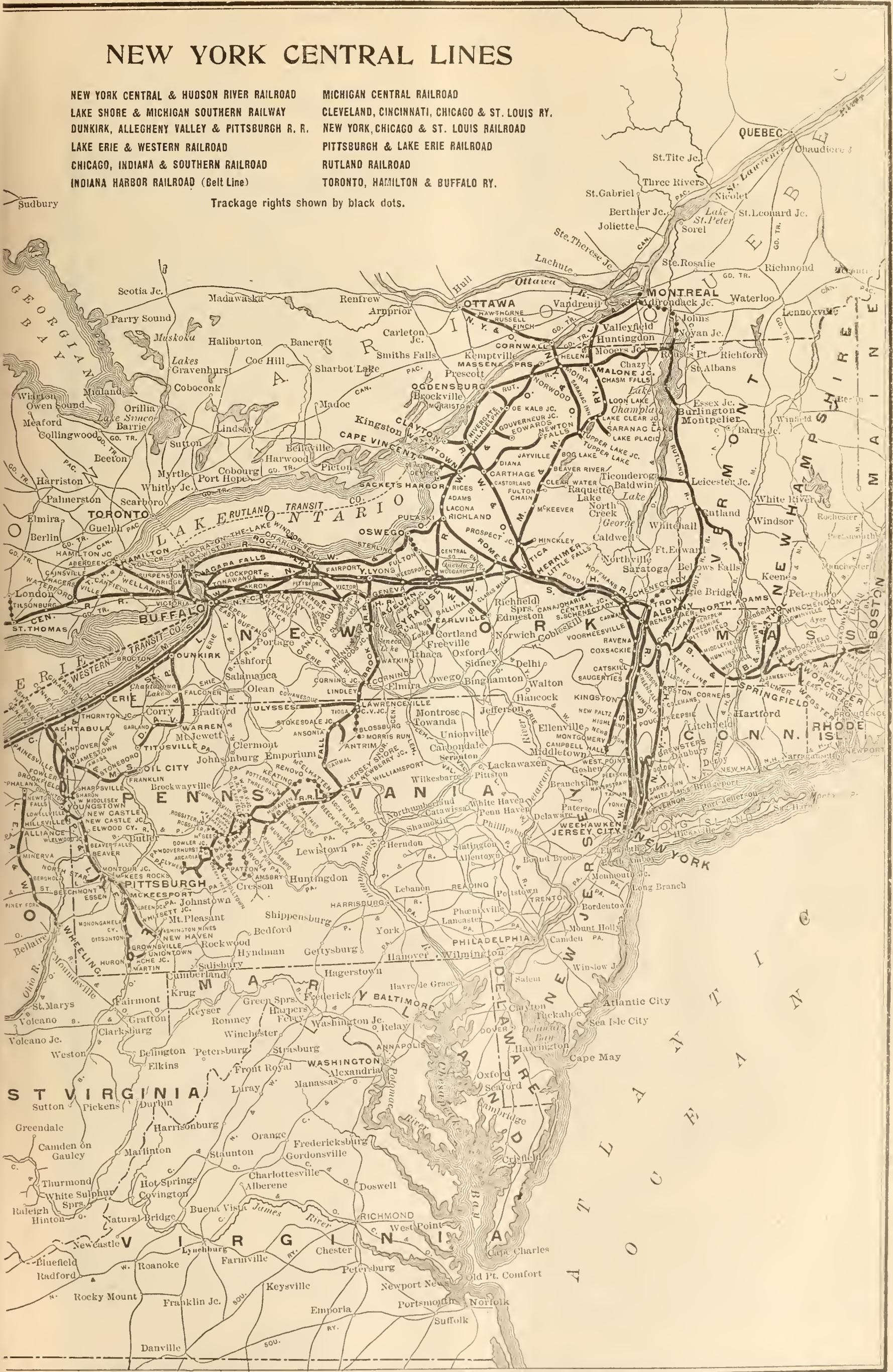


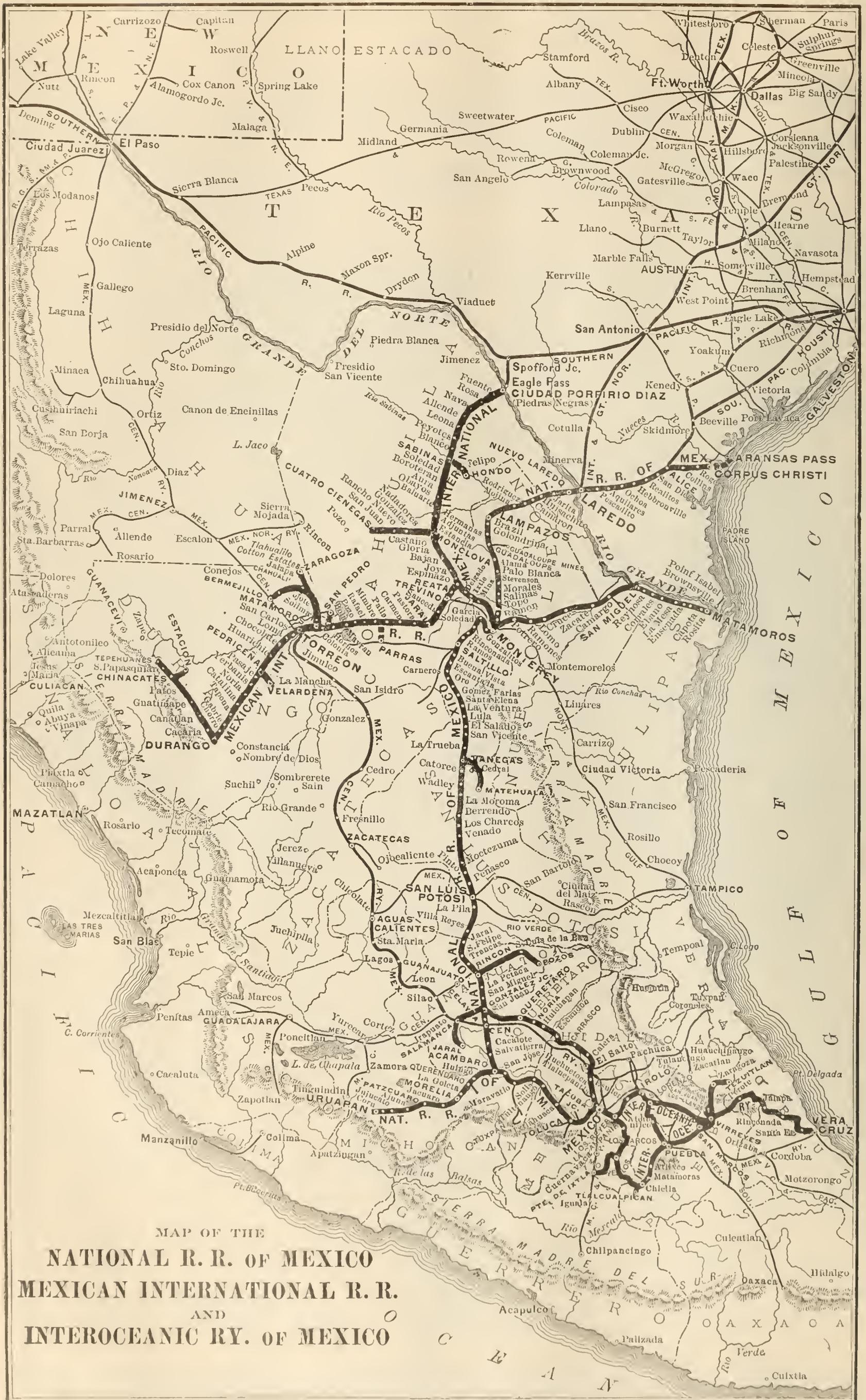
# NEW YORK CENTRAL LINES

NEW YORK CENTRAL & HUDSON RIVER RAILROAD  
 LAKE SHORE & MICHIGAN SOUTHERN RAILWAY  
 DUNKIRK, ALLEGHENY VALLEY & PITTSBURGH R. R.  
 LAKE ERIE & WESTERN RAILROAD  
 CHICAGO, INDIANA & SOUTHERN RAILROAD  
 INDIANA HARBOR RAILROAD (Belt Line)

MICHIGAN CENTRAL RAILROAD  
 CLEVELAND, CINCINNATI, CHICAGO & ST. LOUIS RY.  
 NEW YORK, CHICAGO & ST. LOUIS RAILROAD  
 PITTSBURGH & LAKE ERIE RAILROAD  
 RUTLAND RAILROAD  
 TORONTO, HAMILTON & BUFFALO RY.

Trackage rights shown by black dots.





MAP OF THE  
**NATIONAL R. R. OF MEXICO**  
**MEXICAN INTERNATIONAL R. R.**  
 AND  
**INTEROCEANIC RY. OF MEXICO**

RAILROADS. For explanation of column headings, &c., see notes on first page of tables.	Miles of Road.	Date of Bonds.	Size, or Par Value.	Amount Outstanding	INTEREST OR DIVIDENDS.			Bonds—Prin- cipal, When Due. Stocks—Last Dividend.
					Rate %	When Payable.	Where Payable, and by Whom.	
Morristown & Erie—1st M \$300,000 gold sinking fund	---	1903	\$1,000	\$250,000	5 g	M & S	Brooklyn Trust Co, N Y	Sept 1 1923
Mt Carbon & Port Carbon RR—Stock (rental guar)---	---	---	50	282,350	12	J & J	15 Reading Terminal, Phila	July 15 '06 6 %
Munising—First mortgage gold-----	38	1900	1,000	160,000	4 g	A & O	Amer Trust Co, Clevel'd	Oct 1 1925
Muskegon Grand Rapids & Indiana—1st M gold--Ce	37	1886	1,000	750,000	5 g	J & J	July 1905 paid July 1906	July 1 1926
Narragansett Pier RR—First mortgage \$100,000---	8.5	1896	1,000	70,000	4	F & A	R I Hosp Tr Co, Prov	Aug 1 1916
Nashua & Lowell—Stock 9 % rental 92 years B & M	15	---	100	800,000	See text.	M & N	Indlan Hd Bank, Nashua	Nov 1906 5 %
Nashville Chattanooga & St Louis—Stock-----	---	---	100	10,000,000	5 ln 1906	F & A	New York and Nashville	Aug 1 '06 2 1/2 %
First mortgage (for \$6,800,000)-----c* & r	340	1873	1,000	6,300,000	7	J & J	Hanover Nat Bank, N Y	July 1 1913
First M on Fayette and McM brs (\$6,000 p m)---c* & r	125	1877	1,000	750,000	6	J & J	do	Jan 1 1917
First mortgage on Lebanon Branch-----c* & r	29	1877	1,000	300,000	6	J & J	do	Jan 1 1917
First mortgage on Jasper Branch-----Ce.c* & r	43	1883	1,000	371,000	6 g	J & J	do	Jan 1 1923
First mortgage on Centreville Branch gold---Ce.c* & r	46	1883	1,000	376,000	6 g	J & J	do	Jan 1 1923
First mortgage on Tracy City Branch-----c* & r	20	1887	1,000	293,000	6	J & J	do	Jan 1907 to 1917
Duck R RR second mortgage (now first mortgage) g	48	1881	---	21,000	6 g	M & N	do	Nov 1 1909
Cons M (\$20,000,000) \$20,000 p m gold-----Us.c*	803	1888	1,000	7,608,000	5 g	A & O	do	April 1 1928
Nashville & Decatur—Stock guar 7 1/2 % by L & N-----	119	---	25	3,553,750	7 1/2	J & J	Nashville	July 1906 3 3/4 %
Nashville Florence & Sheffield—See Louisville & Nash	ville.	---	---	---	---	---	---	---
Nashville Term—1st M gold lnt rent red 105 begln '07	---	1902	1,000	1,000,000	5 g	J & J	Mercantile Tr Co, StLouis	Jan 1 932
National RR of Mexico—	---	---	---	---	---	---	---	---
First preferred stock (other stock see text)-----	---	---	100	32,000,000	See text	See text	Office, 60 Wall St, N Y	Aug 10 06, 1 %
Prlor lten M \$23,000,000 gold call at 105-----Un.c*	1,553	1901	500 & c	23,000,000	4 1/2 g	J & J	Speyer & Co, New York	Oct 1 1926
First consol M \$60,000,000 gold (see text)-----Ce.c*	1,673	1901	500 & c	25,449,000	4 g	A & O	do	Oct 1 1951
Collateral notes \$10,000,000 gold redeemable-----	---	1903	1,000 & c	8,500,000	5 g	A & O	do	Oct 1 1907
Naugatuck—See New York New Haven & Hartford.	---	---	---	---	---	---	---	---
Nevada-California-Oregon—First M \$1,500,000 gold---	144	1899	1,000	514,000	5 g	M & N	Moran Bros, New York	May 1 1919
Nevada Central—1st M gold non-cum lnc (slnk fd)---Ce	94	1888	1,000	750,000	5 g	J & J	See text	July 2 1938
Nevada County Narrow Gauge—First mortgage-----	22 1/2	1896	1,000	219,000	7	J & J	Wells, Fargo & Co, S Fr	To 1924
New Brunswick Coal & Ry—First mortgage-----Ce	46	1887	1,000	540,000	6	M & N	N Y, London & St John	Nov 1 1937
New England—See New York New Haven & Hartford	---	---	---	---	---	---	---	---
New Haven & Northampton—See New York New Ha	ven & Hartfo	rd.	---	---	---	---	---	---
New Jersey Junction—1st M guar \$4,000,000---G.c & r	5	1886	1,000	1,700,000	4	F & A	N Y Central & Hud Riv	Feb 1 1986
New Jersey & New York—See Erie RR Co.	---	---	---	---	---	---	---	---
New Jersey & Pennsylvania—1st M \$1,000,000 gold---	26	1905	1,000	See text.	5 g	J & J	Corp'n Tr Co, Jersey Clty	Jan 1 1930
New London Northern—Stock-----	121	---	100	1,500,000	9	Q—J	New London Office,	July 1906 2 1/4 %
Consol mortgage (now 1st M) (\$688,000 are 4s)---c*	121	1880	1,000	1,500,000	4 & 5	J & J	Bank of North Amer, NY	July 1 1910
West River first mortgage guaranteed prin & lnt---	35	1905	---	75,000	4	J & D	---	85 years

don, Emillo Velasco, E. N. Brown, Jose M. de Landero, Pablo Macedo, Santiago Mendez, M. M. Reynolds, Roberto Nunez, all of City of Mexico.

OFFICERS.—Pres., E. N. Brown; V.-P., D. P. Bennet; Treas., J. M. Frazer; Comp., M. M. Reynolds; Sec., A. Arraga. N. Y. office, 60 Wall St.—(V. 81, p. 899, 1849; V. 82, p. 751, 869, 987, 1041, 1380; V. 83, p. 156.)

NATIONAL RR. OF TEHUANTEPEC.—V. 81, p. 559.

NESQUEHONING VALLEY RR.—Owns from Nesquehoning Jct., Pa., to Tamenend, Pa., 17 miles; Tunnel Branch to Lansford, Pa., 1 m. Leased for 999 years to the Lehigh Coal & Navigation Co., which called the stock for payment at par and interest on Sept. 1 1904, and holds it in its treasury; see "Del. Div. Canal," V. 66, p. 1139.—(V. 79, p. 103.)

NEVADA & CALIFORNIA RR.—V. 81, p. 1242.

NEVADA-CALIFORNIA-OREGON RY.—Reno, Nev., to Madeline, Cal., 144 miles; extension proposed to Lake View, Ore., 95 miles, of which Madeline to Likely, 20 miles, under construction in July 1906. The Sierra Valleys RR., Plumas to Mohawk, Cal., 37 m., is controlled but operated independently. V. 79, p. 2641. Stock, common, \$1,450,000; pref., \$750,000, all out. Bonds all exchanged for 5s in 1901-02.

EARNINGS.—12 months, } 1905-06-----Gross, \$232,163; net, \$100,961  
July 1 to June 30. } 1904-05-----Gross, 223,372; net, 104,277  
Report for year 1904-05 was in V. 81, p. 1607, showing gross, \$219,768; net, \$106,532; other income, \$17,244; lnt., taxes, &c., \$49,588; improvements, \$14,077; bal., sur., \$60,111. Pres., D. C. Moran, 68 William St., New York.—(V. 79, p. 2641; V. 81, p. 1607.)

NEVADA CENTRAL RR.—Battle Mtn., Nev., to Austin, Nev., 94 m., narrow gauge. Stock, \$750,000. Earnings for 1905-06, gross, \$61,250; net, \$30,168; no interest paid by railroad. Pres., J. G. Phelps-Stokes.—(V. 74, p. 379.)

NEVADA COUNTY NARROW-GAUGE RR.—Colfax to Nevada City, Cal., 22 1/2 miles. Stock, \$250,200; par of shares, \$100 each. Dividend of 5 % (fourth since organization) was paid Dec. 1903; in 1904, Mch., 5 %; Nov., 5 %; in 1905, Sept., 5 %. Bonds are payable in annual instalments increasing from \$4,000 in 1902 to \$20,000 in 1924. Year 1905, gross, \$127,233; net, \$40,018; interest, \$15,750; improvs., bonds redeemed, &c., \$7,830; dividends (5 %), \$12,510; bal., surplus, \$3,928. Pres., Mrs. S. A. Kilder, Grass Valley, Cal.—(V. 79, p. 2796.)

NEW BRUNSWICK COAL & RY.—Norton Station (on Intercolonial Ry.), N. B., to Chipman, N. B., 46 miles, opened in 1888. Name changed from Central Ry. of New Brunswick early in 1904. Stock, \$900,000, all outstanding. Year ending June 30 1904, gross, \$9,315; net, \$394. Pres., C. N. Skinner, St. John, N. B.—(V. 63, p. 116.)

NEW ENGLAND RR.—See N. Y. New Haven & Hartford.

NEW JERSEY JUNCTION RR.—Terminal road through Jersey City, Hoboken and Weehawken, about 5 miles. Leased for 100 years from June 30 1886 to N. Y. Central, which guarantees the bonds absolutely and owns \$100,000 stock. Connects with National Docks Ry.

NEW JERSEY & NEW YORK RR.—See page 179.

NEW JERSEY & PENNSYLVANIA RR.—See page 179.

NEW LONDON NORTHERN RR.—Owns from New London, Conn., via Brattleboro, Vt., to South Londonderry, Vt., 158 miles.

LEASED for 99 years from Dec. 1 1891 to Central Vermont. The rental is \$213,552 per annum, which leaves a small surplus after providing for interest, &c., and 9 % dividends. Taxes and improvements met by lessee, without claim on New London Northern.

DIVIDENDS.—1888 to April 1892, 7 % yearly, then 8 % yearly to 1893, and since to July 1906 (inclusive), 2 1/4 % quar. (9 p. an.).—(V. 76, p. 1301.)

NEW MEXICO RY. & COAL.—Owns from El Paso & Northeastern Ry., from El Paso Texas, northeast 165 miles, to the Salado Coal fields; controls and operates El Paso & Rock Island Ry., Carrizosa to Santa Rosa, 128 m., opened 1902; Alamogordo & Sacramento Mtn. Ry., Alamogordo, N. M., to Russia, 31 m.; Dawson Ry. & Coal Co., Liberty, N. M., to Dawson, 133 m., opened in 1903; total, 457 miles.

In Feb. 1902 the El Paso & Rock Island Ry. was incorporated, with \$2,500,000 stock, of which 60 % owned by the N. M. Ry. & Coal and \$2,500,000 5 % guaranteed 50-year bonds. It has close traffic agreement with Chic. Rock Island & Pacific for 999 years. V. 71, p. 1219.

The Dawson Railway & Coal Co., stock \$3,000,000, has issued \$3,000,000 collateral trust bonds, which are guaranteed, principal and interest, and are secured by the stock and bonds (\$3,000,000 each) of the Dawson Ry., and those of the Dawson Fuel Co. (\$1,000,000 each), the latter owning about 25,000 acres of coal, mineral and timber lands. V. 73, p. 900; V. 74, p. 776. In May 1905 Phelps, Dodge & Co. acquired the entire stock of the controlled properties. V. 80, p. 1971.

STOCK.—Stock, com., \$3,000,000; pref., 5 % non-cum., \$1,000,000.

BONDS.—Coll. trust 5s of 1897 are secured by deposit of all stock and bonds of El Paso & Northeastern Ry. of New Mex. (\$2,700,000 of each), the stock of the El Paso & N. E. RR. of Texas, \$300,000 (no bonds issued), and all the stock (\$2,500,000) and all the bonds (\$1,500,000) of the New Mexico Fuel Co., the latter covering 3,500 acres of coal lands. Of the first and consolidated coll. trust 5s of 1901, \$3,000,000 are reserved to retire the coll. trust 5s of 1897 and \$2,000,000 are applicable for improvements and new equipment. V. 71 p. 776. Equipm't trusts Dec. 31 1903, \$833,940. In Dec. 1904 purchased equipment, \$289,032 of cost being payable \$8,029 monthly. V. 79, p. 2796.

The bonds of the Alamogordo & Sacramento Mtn. Ry., of the El Paso & Rock Island and those of the Dawson Ry. & Coal Co. are guaranteed. See above. Report for year ending Dec. 31 1904 was in V. 81, p. 208, showing net earnings of subordinate companies, \$275,944; lnt., \$369,239; taxes, \$3,500; bal. def. \$96,795. N. Y. office, 68 William St.—(V. 81, p. 508.)

NEW ORLEANS GREAT NORTHERN RR.—(See Map.)—Slidell, La., to Miss.-La. State line, 51 miles; Pearl River to Folsom, La., 37 miles; branch to Mandeville, 12 miles; trackage, Slidell to New Orleans, 36 miles;

total, 136 miles. Building to Jackson, Miss., making a main line about 190 miles long from Jackson to New Orleans. Branch line under construction, 42 miles, to Tylertown, connecting with the Fernwood & Gulf RR.; total to be operated, about 250 miles. Traverses very valuable pine timber lands. V. 80, p. 998, 1235, 1913. A branch 29 miles to be constructed from Slidell, La., to Abita Springs, La., via Mandeville. This company purchased East La. RR. Stock, \$2,500,000.

Bonds, \$10,000,000 authorized (see table above), all (except \$5,000,000 issuable for terminals, equipment, bridges, &c.) are limited to \$30,000 per mile of single and \$45,000 per mile of double track. See V. 81, p. 841. Officers: President, F. H. Goodyear; 1st Vice-Pres., C. W. Goodyear; 2nd Vice-Pres. and Sec., C. I. James; Gen. Counsel, Marlin E. Ollmstead; Treas., F. H. Lehr; Gen. Mgr., N. G. Pearsall. Directors: Messrs. Goodyear, James, Ollmstead, Pearsall, James D. Lacey and E. H. Farrar.—V. 81, p. 841; V. 82, p. 752, 869, 987.)

NEW ORLEANS & NORTH EASTERN RR.—New Orleans, La., to Meridian, Miss., 196 miles. Stock, \$6,000,000 (par, \$100), of which \$5,320,000 and \$4,955,000 gen. 4 1/2s and \$1,500,000 incomes were held in Jan. 1906 by Ala. New Orleans Texas & Pac. Jct. Ry.

Reorganized in 1902 per plan in V. 74, p. 681. Dividend on stock 1903 and 1904, 3 % each; 1905, Dec. 1, 3 1/2 %. Of the gen. 4 1/2s, \$1,420,000 are reserved to retire the remaining prior lien bonds and \$1,258,000 for future requirements. Equipment notes of 1906, V. 82, p. 987.

EARNINGS.—For 2 1/2 months ending Sept. 7 1906, gross, \$560,483, against \$459,874 in 1905. Report for 1904-05, V. 81, p. 1547.

Yr. end. June 30— Gross. Net. Oth. inc. Int. &c. Balance.  
1905-06-----\$3,001,977 \$773,844 \$21,507 \$394,255 \$401,096  
1904-05-----2,563,776 657,054 14,065 406,995 264,124

DIVIDEND of 3 1/2 % in 1904-05; in 1905-06, (?).—(V. 82, p. 987.)

NEW ORLEANS TERMINAL CO.—Owns extensive terminal property at New Orleans and a belt railroad around the city, leased to the St. Louis & San Francisco and Southern Ry. for 99 years from July 1 1903, rental covering all expenses of operations, maintenance and charges. Southern Ry. and St. Louis & San Francisco each own half of the \$2,000,000 outstanding stock (\$5,000,000 authorized), and jointly guarantee the bonds. See V. 78, p. 343, 1447; V. 79, p. 1466; V. 81, p. 155; V. 83, p. 272.—(V. 83 p. 272.)

NEW YORK BROOKLYN & MANHATTAN BEACH RY.—Owns from Fresh Pond Junction to Manhattan Beach (Coney Island), and branches to Bay Ridge and Greenpoint, 18 miles, of which 16 miles double track.

LEASE, &c.—A consolidation Aug. 27 1885. Leased for 99 years from Oct. 1 1885 to the Long Island RR. Co., which owns majority of stock. Rental, interest on bonds and 5 % on pref. stock. Common stock, \$350,000. L. I. RR. has attached to the bonds its unconditional guaranty of principal and interest in addition to facts as to lease.—(V. 73, p. 32.)

NEW YORK & CANADA RR.—Whitehall, N. Y., to Rouse's Point, N. Y., 113 miles; branches, 38 miles. Stock, \$4,000,000 common and \$5,000,000 5 % non-cumulative preferred, all owned by the Del. & Hudson. Bonds retired May 1 1904.—(V. 79, p. 786, 968, 2697.)

NEW YORK CENT. & HUD. RIVER RR.—(See Maps, pp. 96, 97.)

Lines owned.	Miles.	Operated under contract—	Miles.
New York to Buffalo-----	441	Terminal Ry. of Buffalo*	11
Branches-----	368	St. Lawrence & Adirondack*	56
Proprietary lines-----	3	Cherry Tree & Dixonville----	28
Lines leased. (*See this co.)		Trackage-----	234
West Shore*-----	479		
Troy & Greenbush*-----	6	Total in earnings-----	3,774
Spuyten Duyvil & Pt. M.*-----	6	Controlled—Operated Separately.	
New York & Harlem*-----	137	Lake Shore & Mich. So.*-----	1,520
New Jersey Junction*-----	5	Michigan Central*-----	1,745
Rome Watertown & Ogden*-----	624	Lake Erie Alliance & Wheel-	
Mohawk & Malone*-----	182	ing-----	83
Carthage & Adirondack*-----	46	N. Y. Chic. & St. Louis RR.*-----	523
Gouverneur & Oswegatchie*-----	13	Lake Erie & Western*-----	
New York & Putnam*-----	59	Northern Ohio*-----	889
Boston & Albany*-----	393	"Big Four" System*-----	2,334
New York & Ottawa*-----	128	Chicago Indiana & Southern*-----	400
Fall Brook Ry., &c.*-----	231	Cincinnati Northern*-----	241
Beech Creek RR.*-----	163	Dunkirk All. Val. & Pitts.*-----	91
Beech Creek Extension RR.,		Pitts. & Lake Erie system*-----	191
etc.*-----	128	Rutland RR-----	468
Walkkill Valley-----	33		

Total owned and controlled April 1906 (321 miles 4-tracked)-----12,262  
In July 1906 control of the Little Falls & Dolgeville RR., 10 miles, was acquired. V. 83, p. 272.

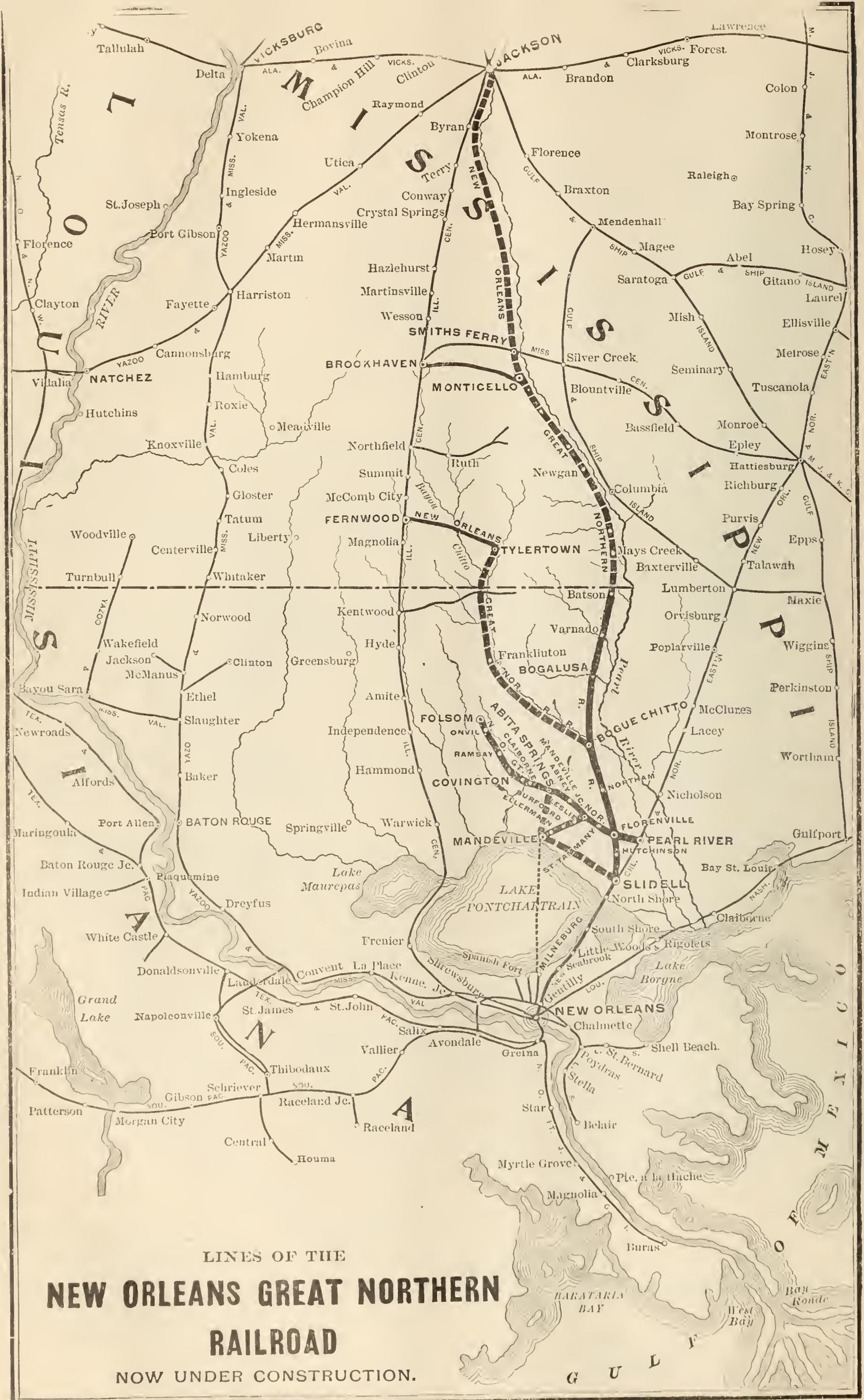
HISTORY, &c.—Control of the Lake Shore and Michigan Central roads was acquired in 1898, as stated below. Their earnings are reported separately, but the dividends on their shares held by the Central are included in the item "other income," offset in part by interest on the collateral bonds issued for their purchase. V. 71, p. 502; V. 78, p. 48.

In Jan. 1900 control of the Lake Erie & Western was acquired, also a large interest in the Cleve. Clin. Chic. & St. Louis, increasing the Vanderbilt interest in the latter to an absolute majority. The Central has since transferred its holdings in these cos. to the Lake Shore, which see; also see V. 78, p. 48. In 1900 an understanding was reached between the Vanderbilt and the Penn. interests, by which the latter became jointly interested in Ches. & Ohio Ry. V. 70 p. 76, 125, 1049. Holdings of Vanderbilt estate, V. 71, p. 1221.

N. Y. & Ottawa was acquired at foreclosure Dec. 1904 and in Jan. 1905 control of the Rutland and St. Lawrence & Adirondack. V. 79, p. 2589, 2648, 2796; V. 80, p. 222, 1240; V. 82, p. 934.

Since 1906 the subsidiary lines, with the exception of the N. Y. Chicago & St. Louis, are known as the "New York Central" lines. V. 81, p. 1792

STOCK.—Dividends on stock registered in London are payable in gold at 49 1/4 d. to dollar. As to new issues, see "General Finances" below.



LINES OF THE  
**NEW ORLEANS GREAT NORTHERN**  
**RAILROAD**  
 NOW UNDER CONSTRUCTION.

Table with columns: RAILROADS, Miles of Road, Date of Bonds, Size, or Par Value, Amount Outstanding, Interest or Dividends (Rate %, When Payable, Where Payable, and by Whom), Bonds—Prin- cipal, When Due, Stocks—Last Dividend.

N Y Central & Hudson River RR.—(Concluded.) DIVIDENDS.—'93. '94. '95. '96-98. '99. 1900 to Oct '06. Since 1891 - - - - - % 5 4 4 1/4 4 y'rly 4 5 yearly (Q.-J.)

BONDS.—Ref. mortgage is for \$100,000,000, of which \$73,346,000 was issued to retire \$70,377,000 old bonds and \$11,654,000 for the general purposes of the company; the remainder (\$15,000,000) is reserved for new construction. V. 77, p. 452.

Collateral trust 3 1/2% of 1898 are secured by deposit of stock of the Lake Shore & Michigan Southern and Michigan Central RRs. at the rate of \$100 of L. S. & M. S. stock for each \$200 of bonds and \$100 of Mich. Cent. stock for each \$115 of bonds outstanding. The total authorized issues of 3 1/2% are \$100,000,000 for Lake Shore and \$21,550,000 for Michigan Central. See V. 66, p. 288, 336, 760, 811.

In 1904 \$50,000,000 4% debentures were authorized, of which \$30,000,000 were sold to pay bal. required for terminal facilities and other improvements. The debentures are to be secured by any new mtge, but existing mtges. may be extended. V. 78, p. 1907, 1962, 2384; V. 79, p. 1335, 2148.

GUARANTIES.—The company guarantees the securities of its leased lines to a considerable aggregate—see separate statement for each company marked with a \* in the table of mileage preceding. It also guarantees Western Transit Co. 3 1/2% for \$1,000,000 due February 1923.

GENERAL FINANCES.—The refunding of old bonds was completed in 1905; annual saving in interest charges about \$1,475,000. V. 75, p. 1148 V. 76, p. 159; V. 80, p. 31. In June 1903 various roads controlled by the Vanderbilt, Morgan and Pennsylvania interests purchased \$6,924,200 of the \$11,000,000 Hocking Valley Ry. com. stock. See that company.

On April 16 1902 the stockholders voted to increase the stock from \$115,000,000 to \$150,000,000, \$16,912,900 of the new stock being subscribed for by stockholders pro rata at \$125 per share. In Dec. 1905 stockholders subscribed for \$17,192,500 stock at par. V. 81, p. 1493.

Stockholders voted April 18 1906 to increase the limit of authorized stock from \$150,000,000 to \$250,000,000, the new stock to be issued from time to time as required and to be first offered to stockholders.

Stockholders were offered the right to subscribe pro rata on or before Nov. 30 1906 at par for \$29,839,560 new stock, the proceeds to be used for improvements, rolling stock and terminal improvements in New York, raising the amount outstanding to about \$179,037,560. The new stock will receive all dividends declared after Jan. 15 1907. V. 83, p. 688, 818.

In 1902-03 control of the Reading Co. was acquired by Balt. & Ohio (Pennsylvania interests) and Lake Shore. V. 76, p. 101; V. 78, p. 48.

The Mohawk Valley Co., with \$20,000,000 (formerly \$10,000,000) authorized stock, 60% being owned by N. Y. Cent. and 40% by the "Central Rail. way Syndicate" of Cleveland, is a holding company for various electric roads acquired in 1904 and 1905, including Syracuse Rapid Transit, Rochester & Eastern Rapid, Roch. Ry. & Light, Schenectady Ry. (half interest), &c. The N. Y. Central lines between Rochester and Syracuse are to be equipped electrically. V. 81, p. 1849; V. 82, p. 16, 334, 934; V. 83, p. 156.

As to contract of 1903 with Pennsylvania Beech Creek & Eastern Coal Co. to ship at least 1,000,000 tons annually, see V. 77, p. 2098; V. 79, p. 1335, 1435.

In Oct. 1905 ordered 25,000 cars, part for Lake Shore. V. 81, p. 1315.

LATEST EARNINGS.—For 9 mos. ending Sept. 30 1906 (partly est.) Table with columns: 9 mos., Gross, Net, Oth. inc., Charges, Bal. for div.

Dividends of 3 1/2% for each 9 months call for \$5,594,900 in 1906, against \$4,954,400 in 1905, leaving a balance, surplus, of \$2,285,100 in 1906, against sur. \$1,287,000 in 1905.

ANNUAL REPORT.—Fiscal year has been changed to end Dec. 31. Report for year ending Dec. 31 1905 was given at length in V. 82, p. 925, 934. See also editorial, p. 899.

Table with columns: Years end. Dec. 31—, Years end. June 30—, Miles operated, Gross earnings, Net earnings, Other income, Net income, Deduct, Interest on debt, Rentals leased lines, Taxes on stock, Taxes on real estate, Miscellaneous, Reserved for debent's, Dividends, Imp. fund & equip't., Balance.

Pres., Wm. H. Newman; Chairman, Chauncey M. Depew; V.-Presidents, W. C. Brown, E. V. W. Rossiter, Edgar Van Etten, John Christensen, William J. Wilgus and Nathan Gullford; Treas., E. L. Rossiter; Sec., Dwight W. Pardee. Directors (Apr. 1906), W. K. Vanderbilt, F. W. Vanderbilt, C. M. Depew, S. F. Barger, J. Pierpont Morgan, William Rockefeller, Hamilton McK. Twombly, William H. Newman, Charles C. Clarke, D. O. Mills, Geo. F. Baker, George S. Bowditch and Jas. Sullivan. (V. 82, p. 925, 929, 934, 1259, 1430; V. 83, p. 272, 324, 688, 818.)

NEW YORK CHICAGO & ST. LOUIS RR.—(See Map of New York Central & Hudson River.)—Owns from Buffalo, N. Y., to Illinois State Line, except 8 m. leased bet. Dunkirk and Silver Creek, leaving 494 m.; leases the proprietary line, Chic. & State Line, RR., Ill. State Line to Grand Crossing

10 m.; also leases Dunkirk to Silver Creek, 8 m.; total, 512 m.; trackage in Buffalo, N. Y., 1 1/2 m., and Gr. Cross'g, Chic., Ill. (Lake Sh. RR.), 9 m.

STOCK.—Lake Shore & Michigan Southern owns \$6,240,000 common \$6,275,000 2d preferred and \$2,503,000 1st preferred stock. After 5% dividends on common, all classes of stock share alike.

DIVIDENDS.—'93. '94. '95. '96. '97. '98. '99. '00. '01. '02 to '06. 1st pref. in March - - - - - 3 4 0 5 0 2 0 5 5 5 yearly. 2d pref - 2 3 yearly.

BONDS.—A sinking fund of \$100,000 per year is provided when net earnings are \$900,000 or upwards, if bonds can be bought at or below 102; if not, the sinking fund lapses for that year, thus leaving \$100,000 more for dividends. The issue of bonds, \$20,000,000, has been reduced by sinking fund. See mortgage abstract, V. 45, p. 541. In March 1906, \$10,000,000 4% debenture bonds were sold for equipment, improvements &c. V. 82, p. 693.

EARNINGS.—For 8 mos. ending Aug. 31 1906, gross, \$6,504,289; in 1905, \$5,767,613. For 6 mos. ending June 30:

Table with columns: 6 Months, Gross, Net, Oth. inc., Ch'ges, Bal., sur. 1906 - - - - - \$4,885,999 \$903,761 \$22,067 \$611,293 \$314,535 1905 - - - - - 4,342,910 796,571 13,120 597,459 212,232

REPORT.—Report for 1905 was in V. 82, p. 1037. Principally a freight line, freight in 1905 contributing \$7,534,856 out of \$9,108,730.

Table with columns: Year ending Dec. 31—, 1905, 1904, 1903. Gross earnings, Operating expenses, Additions and betterments, Net earnings, Other income, Net including other income, Interest on bonds, Equipment trust charges, Dividend on 1st pref, Dividend on 2d pref, Miscellaneous, Balance, surplus, Pres., Wm. H. Canniff.—(V. 82, p. 158, 693, 752, 1037.)

NEW YORK & GREENWOOD LAKE RR.—(See Map of Erie RR.)—Owns from Jersey City, N. J., to Greenwood Lake, 39 m., and branches to Ringwood, &c., 8 m.; Watchung Ry., Forest Hill to Orange, N. J., 4m.; total owned, 51 miles. Stock, \$100,000; par, \$50.

LEASE.—On May 1 1896 was leased to the Erie RR. for 999 years from May 1 1896. Prior lien bonds are guaranteed, principal and interest, by Erie. See V. 63, p. 513; form of guaranty, V. 65, p. 463.

NEW YORK & HARLEM RR.—(See N. Y. Cent. & Hud. Riv. RR.)—Owns N. Y. City to Chatham, N. Y., 136 m. Also owns 4th Ave. St. RR.

LEASE.—The property (except the street railroad) was leased April 1 1873 for 401 years to the N. Y. Cent. & Hud. Riv. RR. for interest on bonds and dividends at rate of 8% yearly, since increased to 10% through refunding of bonds, payable Jan. and July. V. 70, p. 740, 1049; V. 71, p. 29, 1220; V. 78, p. 2335. The street railway was leased in July 1896 to Met. Street Ry. Co. for 999 years; rental is \$400,000 yearly, equal to 4% per annum on stock, payable Apr. and Oct. V. 62, p. 1088.—(V.78, p.2335; V.80, p.1424.)

NEW YORK & JERSEY RR.—See Hudson & Manhattan RR.

NEW YORK LACKAWANNA & WESTERN RR.—Binghamton to Buffalo and Internat. Bridge and branches, 214 m., of which the main line, 213 m., is double track; D. L. & W. has a lease for duration of charter from Oct. 1882 giving a guaranty of the bonds and 5% yearly on the stock. See form of guaranty of terminal bonds in V. 67, p. 1357; see also V. 68, p. 283.

NEW YORK LAKE ERIE & WESTERN RR.—See Erie RR. Co.

NEW YORK & LONG BRANCH RR.—Perth Amboy to Bay Head, N. J., 38 miles. Leased in 1888 for 99 years to Penn. RR. and Cent. RR. of N. J., which jointly and severally guarantee interest and 7% on \$2,000,000 stock, all owned by Cent. RR. of N. J.—(V. 72, p. 438.)

NEW YORK NEW HAVEN & HARTFORD RR.—Covers Southern New England and the only direct routes between New York and Boston.

Table with columns: Lines Owned in Fee—, Miles, Leased (part Owned)—, Miles. Junction near N. Y. City to Springfield, Mass., 122, Boston, Mass., to Hopewell, 214, Lines to Providence, Pittsfield, Litchfield, &c., 292, Leased and Controlled—, Lines to Turner's Falls, &c., 180, Total oper'd Jul 1 1906 (100 miles has four and 741 miles two tracks) 2,057

A new 30-mile line from the main line near Portchester to near Danbury is to be built. V. 82, p. 869. Merger of New England RR. pending.

In Oct. 1905 the New Haven & Derby, the Danbury & Norwalk, the Providence & Springfield and other controlled roads were merged. V. 81, p. 1315. In Jan. 1906 purchase of the Berkshire RR. was proposed. V. 82, p. 101. The stockholders of the Naugatuck RR. on Jan. 18 1906 voted to sell the road; those of the Boston & New York Air Line on June 18 1906. V. 82, p. 281, 451, 1213.

In Oct. 1904 \$29,160,000 of the \$58,118,982 N. Y. Ont. & West. com. stock was acquired at \$45 per \$100 share and \$2,200 of the \$4,000 pref., giving the company access to anthracite coal mines, &c. V. 79, p. 2086, 2642; V. 80, p. 1363.

Early in 1904 acquired a majority of the Cent. New England Ry. stock

RAILROADS. For explanation of column headings, &c., see notes on first page of tables.	Miles of Road.	Date of Bonds.	Size, or Par Value.	Amount Outstanding	INTEREST OR DIVIDENDS.			Bonds—Principals, When Due Stocks—Last Dividend.
					Rate %	When Payable.	Where Payable, and by Whom.	
New York Lake Erie & Western—See Erle RR.								
N Y & Long Branch—Gen M (now 1st) } \$2,500,000 g c*	38	1891	\$1,000	\$192,000	5 g	M & S	Liberty Nat Bank, N Y	Sept 1 1941
do do do } Ce	38	1891	1,000	1,699,000	4 g	M & S	do do	Sept 1 1941
New York New Haven & Hartford—Stock (see text)			100	83,584,600	8 in 1905	Q—M	30 Co's Office, New Haven	Sep 30 1906 2 %
Deben (probable right to exchange; V 82, p 1439)		1893	100 &c	84,000	4	A & O	Lincoln Nat Bank, N Y	April 1 1908
Debenture (\$5,000,000 are 4s) non-convertible...c&r		'97-'01		10,000,000	3 1/2 & 4	M & S	New York	Mar 1 1947
Deb (for Cent N E & W) \$5,000,000 gold non-conv		1904		5,000,000	4 g	F & A		Feb 1 1914
Debentures (for F H & W) \$10,000,000 authorized		1904	500 &c	10,000,000	3 1/2	A & O		April 1 1954
Debentures (for New York Ontario & Western)		905		15,000,000	4	J & J		July 1 1955
Debentures convertible (see text).....c&r		1906	100 &c	See text.	3 1/2	J & J		Jan 1 1956
Debentures not convertible		1906		15,000,000	4	M & N	New York	May 1 1956
N Y Prov & Boston gen M (now 1st) gold assum.c&r	62	1892	1,000	1,000,000	4 g	A & O	New York	April 1 1942
Shore Line 1st M New Haven to New London assum	49	1880	1,000 &c	200,000	4 1/2	M & S	Nat N H Bk, New Haven	Mar 1 1910
Housatonic old consolidated mortgage (assumed)...	90	1880	500 &c	100,000	4	A & O	New Haven, Conn	April 1 1910
New consol M (\$3,000,000) gold (assumed) F.c.*	90	1887	1,000	2,839,000	5 g	M & N	Farmers' L & Tr Co, N Y	Nov 1 1937
N Eng cons (now 1st) M \$7,500,000 5s gold...Ma.c*	359	1895	1,000	17,500,000	4 g & 5 g	J & J	Safe Dep & Tr Co, Boston	July 1 1945
N Y & N E Boston Term 1st M \$1,500,000 AB.C&R		1889	1,000	1,500,000	4	A & O	Coup. office; reg. malled	April 1 1939
New Haven & Derby consolidated mortgage.....c*	13	1888	1,000	575,000	5	M & N	New Haven, Conn	May 1 1918
Providence & Springfield first mortgage gold.....c*	28	1892	1,000	750,000	5 g	J & J	R I Hospital Trust, Prov	July 1 1922
Danbury & Norwalk cons M (\$100,000 are 6s).....c*	36	1880	1,000	500,000	5 & 6	J & J	New Haven, Conn	July 1 1920
General M Danbury, Conn, to Wilson Point, &c.c*	36	1883	1,000	150,000	5	A & O	do do	April 1 1925
First refunding mortgage gold assumed.....c&r	36	1905		350,000	4 g	J & D	do do	June 1 1955
H R & Por 2d (now 1st) guar (V 56, p 813).....F.c&r	12	1881	1,000	635,000	4	J & D	Chemical Nat Bank, N Y	June 1 1911
Harlem Rly & Port 1st M gold \$15,000,000 Us.c*&r	12	1904	1,000 &c	10,958,000	4 g	M & N	New York	May 1 1954
Woonsocket & Pascoag first mortgage.....c*	9	1890	1,000	100,000	5	A & O	R I Hosp Trust Co, Prov	Oct 1 1910
Naugatuck first mortgage gold assumed.....c&r	61	1901	1,000 &c	2,500,000	4 g	M & N	New Haven, Conn	May 1 1954
Debentures.....c*		1902		234,000	3 1/2	A & O	Treas, New Haven, Conn	Oct 1 1930
Boston & N Y Air Line new M \$5,000,000 (see text)		1905	1,000	580,000	4 g	A & O		Aug 1 1955
N Y N H & H RR coupon notes (V 81, p 1039)				8,175,000		Various		Oct '06-Apr '07
Bonds of Proprietary, Etc., Lines:								
N H & No cons f \$15,000 per year not drawn Un.c*	98	1879	1,000	1,200,000	6	A & O	Treas, New Haven, Conn	April 1 1909
Northern Extension bonds.....c*	28	1881	1,000	700,000	5	A & O	do do	April 1 1911
Consol M \$10,000,000 gold guaranteed.....c*		1906		See text	4 g	J & D	do do	June 1 1956
Holyoke & W leased mortgage \$200,000 guar.....c*	10	1891	1,000	200,000	4	A & O	do do	April 1 1911
Old Colony—See that company.								
Providence & Worcester first mortgage currency...	51	1897	1,000	1,500,000	4	A & O	R I Hosp & Tr Co, Prov	Oct 1 1947
Providence Term 1st M \$7,500,000 gold gu p&l-c*&r		1906	1,000 &c	4,000,000	4 g	M & S	do do	Mar 1 1956

and income bonds and control of stock of Fair Haven & Westville Elec. RR., 116 m. V. 78, p. 702, 768, 989, 1168; V. 79, p. 2742. In July 1905 the Newburgh Dutchess & Conn. RR. was acquired, and is operated under lease of Sept. 15 1905 as part of the Cent. New Eng. Ry. lines. V. 81, p. 265, 1039.

Owens entire stock of New England Nav. Co. (V. 81, p. 1853, 1039; V. 79, p. 2478; V. 83, p. 96. In Oct. 1906 acquired control of Hartford & New York Transportation Co. V. 83, p. 890.

In 1904-05 consolidation of various controlled electric railways in Connecticut and Massachusetts, viz.: Fair Haven & Westville, Worcester & Conn., Eastern, Meriden Electric, &c., aggregating about 693 miles of track, was effected as Consolidated Railways, whose stock (\$10,000,000) was all owned, most of the Massachusetts roads being later transferred to the New England Security & Investment Co., a voluntary association. See also V. 79, p. 270, 1263, 1332, 1462, 2748; V. 80, p. 117, 223, 1112, 1363; V. 81, p. 156, 778, 1174; V. 82, p. 281, 693, 1439; V. 83, p. 96, 380, 492, 811). See "Street Railway Section."

As to six-tracking Harlem Rly branch and rapid transit from New Rochelle to New York City, see V. 79, p. 903, 1263, 2436; V. 80, p. 872; V. 83, p. 811. Electric passenger service is proposed between New York and Boston. V. 82, p. 219, 869; V. 83, p. 811.

CAPITAL STOCK.—Stock authorized, \$100,000,000. Of this, \$80,000,000 had been issued April 1906, \$3,745,500 is issuable in exchange for \$7,491,000 Consolidated Ry. 4 % debentures of the issues of July 1904 and Jan. 1905 on the basis of \$200 for the stock and \$5,319,000 to acquire stock and evidences of indebtedness of controlled and leased properties; \$6,750,000 further stock will be issued for the absorption of leased lines and improvements, making a total of \$96,036,300 outstanding. V. 82, p. 869. Additional stock will be issued to pay for other leased lines and to provide for the \$30,000,000 conv. debts issued Jan. 1 1906. V. 82, p. 752, 869; V. 83, p. 688.

Under Connecticut charter of 1844, when dividends in excess of 10 % are paid in any one year, an amount equal to such excess, it is understood, must be paid to that State.

DIVIDENDS.—} 1873-1893. 1894. 1895 to Sep. '06 (Inclusive).  
Per cent. } 10 yearly. 9 8 (2 % quarterly).

BONDS.—The Harlem River & Portchester Division 1st mtge. 4s of 1904 (\$15,000,000 authorized) are subject to the lien of the \$1,000,000 of 4s due 1911, for which a like amount is reserved. The proceeds will be used for six-tracking and improvements on the Harlem Div. The Naugatuck RR. 4s of 1904 are guaranteed, p. & l. V. 78, p. 1447, 1549; V. 79, p. 903, 1263; V. 82, p. 869.

In 1904 \$5,000,000 4 % debentures were sold to purchase control of the Central New England Ry. and \$10,000,000 of 3 1/2 % debentures were authorized to acquire the stock (\$5,000,000) of the Fair Haven & Westville (Elec.) RR. V. 78, p. 702, 768, 989, 1168, 1223, 2335; V. 79, p. 1263. In June 1905 \$15,000,000 4 % debentures were sold to pay for control of N. Y. Ont. & W. V. 80, p. 2458. There are \$25,000 Colchester RR. first 7s due July 1 1907. Under lease, "assumed" the debt of Old Colony. Bills payable June 30 1906, \$9,370,440.

In April 1906 \$15,000,000 non-convertible 4 % debentures were sold; also a portion of the \$10,000,000 guaranteed 4s, dated Jan. 1 1906, of the Consolidated (trolley) Ry. See V. 82, p. 869 and compare "Street Railway Section."

Stockholders of record Dec. 31 1905 were offered the right to subscribe pro rata at par, payable 25 % each Jan. 1 1906, Oct. 1 1906, July 1 1907 and April 1 1908, or optionally in full on any of said dates, for \$30,000,000 of 3 1/2 % coupon debenture certificates, convertible at a par of \$150 for \$100 stock between Jan. 1 1911 and Jan. 1 1916, the proceeds to be used for improvements authorized and contemplated and the purchase of outstanding securities of controlled roads. V. 81, p. 976, 1039, 1493.

The Boston & N. Y. Air Line stockholders voted Nov. 13 1905 to make a mtge. to secure \$5,000,000 bonds. V. 81, p. 1492. Danbury & Norwalk 1st ref. 4s of 1905 are limited to \$25,000 per mile of single main track and \$25,000 per mile of additional main track, \$650,000 being reserved for underlying bonds. V. 82, p. 219, Providence Terminal Co. bonds (\$7,500,000 authorized), see V. 82, p. 929, 629, 693, 1213, 1323; V. 83, p. 96, 819.

Of the New Haven & Northampton 4s of 1906 (\$10,000,000 authorized issue), \$2,000,000 was issuable to redeem bonds which matured 1899 and 1904, and \$6,100,000 for improvements, and remaining \$1,900,000 are reserved to retire the bonds due 1909 and 1911. V. 82, p. 1323.

EARNINGS.—For 12 months ending June 30:  
12 Mos.— Gross. Net. Oth. Inc. Int. Taxes, &c. Bal. sur.  
1905-06 \$52,984,320 \$14,761,734 \$2,175,788 \$10,079,184 \$6,858,378  
1904-05 49,981,947 14,148,925 1,223,451 8,664,325 6,708,051

ANNUAL REPORT.—Report 1905-06 in V. 83, p. 811.

Year ending June 30.	1906.	1905.	1904.	1903.
Miles operated	2,057	2,088	2,031	2,037
Passenger earnings	\$25,252,124	\$24,146,454	\$23,425,173	\$22,053,017
Freight earnings	27,247,118	25,341,855	24,413,541	23,926,150
Miscellaneous	485,080	403,638	444,195	416,010

Gross earnings	\$52,984,322	\$49,981,947	\$48,282,909	\$47,296,077
Net earnings	\$17,761,736	\$14,148,924	\$13,123,698	\$12,341,054
Other income	2,175,757	1,223,452	906,436	565,818

Total net income	\$19,937,493	\$15,372,376	\$14,030,134	\$12,906,872
Interest on bonds	\$3,005,793	\$1,432,473	\$779,667	\$1,137,052
Other interest		435,385	279,993	52,912
Rentals	3,935,594	4,136,843	4,420,283	4,504,546
Taxes	2,810,729	2,659,624	2,455,434	2,385,389
Dividends (8 %)	6,467,092	6,400,000	6,006,448	4,618,438
Improv'ts & betterm'ts.	3,000,000			
Insurance fund	326,998			

Balance, surplus \$391,287 \$308,051 \$ 88,309 \$208,554

OFFICERS.—Pres., Chas. S. Mellen, New Haven; Sec., John G. Parker; Treas., Augustus S. May, New Haven, Conn.  
Directors.—William Skinner, Holyoke, Mass.; Jas. S. Elton, Waterbury,

Conn.; Chas. S. Mellen, New Haven, Conn.; J. Pierpont Morgan, William Rockefeller, H. McK. Twombly, George McC. Miller, Richard A. McCurdy, New York; D. Newton Barney, Farmington, Conn.; Chas. F. Choate and Nathaniel Thayer, Boston; Robert W. Taft, Providence; C. F. Brooker, Ansonia, Conn.; I. De V. Warner, Bridgeport; A. J. Cassatt, Philadelphia, Pa.; James S. Hemingway, Geo. J. Brush, New Haven; Frank W. Cheney, South Manchester; Edwin Milner, Moosup, Conn.; John H. Whittemore, Naugatuck, Conn.—(V. 82, p. 1269, 1323, 1439; V. 83, p. 96, 380, 435, 492, 688, 750, 811, 818, 890.)

NEW YORK ONTARIO & WESTERN RY.—(See Map.)—Operates from Weehawken, opposite N. Y. City, to Oswego, on Lake Ontario:

Road Owned—	Miles.	Road Controlled, &c.—	Miles.
Oswego to Cornwall, N. Y.	272	Pecksport, Conn. (leased)	3
Branch to New Berlin	22	Ontario, Carb. & S. (leased)	
do to Delhi	17	Cadosla, N. Y., to Scranton, Pa.	54
do to Ellenville	8	Rome & Clinton (leased)	13
Total owned	319	Utica Clinton & Bng. (leased)	31
Trackage (till 2079) W. Shore RR.:		Wharton Valley (owned)	7
C'nwall to W'ken (V. 61, p. 425)	53	Ellenville & Kingston (leased)	27
* See this company.		Port Jervis Mont. & Summitville (owned and leased)	38

Total operated July 1 1905..... 546

ORGANIZATION.—Successor in 1879 of N. Y. & Oswego Mid., forecl'd.

CONTROL.—In Oct. 1904 N. Y. N. H. & H. RR. acquired \$29,160,000 com. stock at \$45 per share and \$2,200 of the \$4,000 pref. V. 79, p. 2086, 2643; V. 80, p. 1363, 2458; V. 81, p. 1044.

STOCK.—Stock is \$58,117,982 (par, \$100), of which \$4,000 is old pref.

DIVIDENDS.—Common, Jan. 1905, 3%; July, 1 1/2%; 1906, July, 2%. V. 82, p. 1497.

BONDS, &c.—Refunding mtge. for \$20,000,000 covers 319 miles of road owned, all the securities of the Ont. Carb. & Scran. Ry., 54 miles, and all after-acquired property. V. 72, p. 87; V. 78, p. 2012; V. 80, p. 651.

The stockholders voted on Nov. 7 1904 to authorize a new mtge. for \$12,000,000 to provide funds for capital requirements, under which \$2,000,000 have been issued and the remainder will be reserved for future needs. A 3 % dividend (calling for about \$1,740,000) was paid on the common stock in Jan. 1905, vesting in the shareholders directly the right to elect the entire board of directors. V. 79, p. 977 to 980, 1332, 1462; V. 80, p. 872.

Early in the calendar year 1899 the coal properties at Scranton, Pa., of the Lack. Iron & Steel Co. (the capacity of the collieries then open being about 700,000 tons per annum) were purchased by the Scranton Coal Co., aided by loans from the N. Y. O. & W., the latter issuing its \$2,500,000 5 % notes (reduced to \$1,225,000 Aug. 1 1906), extending over a period of years, secured by first mtge. on the coal property, and loaning \$1,475,000 (of which \$305,000 has been repaid) secured by a 2d mtge., the O. & W. obtaining contract for entire tonnage. V. 68, p. 41, 429; V. 69, p. 604, 646; V. 81, p. 1792.

In Nov. 1900 eight independent anthracite properties with a maximum output of 2,000,000 tons annually were merged as the Elk Hill Coal & Iron Co., the N. Y. O. & W. issuing its \$3,500,000 5 % s. f. first lien gold notes secured by the Coal & Iron Co.'s 1st mtge., these notes maturing \$75,000 each 6 mos., beginning June 1 '01, to June 1 '11, and thereafter \$200,000 semi-annually to Dec. 1 '15. The notes are secured par passu with the bonds issued under the gen. mtge. of 1905. The Elk Hill Co. also made a 2d mtge. to the N. Y. O. & W. for \$2,400,000 at 5 %. V. 71, p. 1270; V. 73, p. 501.

The company's coal tonnage is derived as follows: Scranton and Elk Hill companies (as above stated), total maximum capacity, 2,700,000 tons; other companies, 300,000; washeries, 800,000 tons.

EARNINGS.—For 2 months ending Aug. 31:

2 Months—	Gross.	Net.	Chgs.	Bal. sur.
1906	\$1,652,875	\$678,127	\$146,659	\$531,468
1905	1,491,477	513,705	135,688	378,017

ANNUAL REPORT.—Report for 1905-06 was given in V. 83, p. 622. Coal traffic in 1905-06, 2,825,973 tons (out of 4,690,973 tons), against 3,141,260 tons in 1904-05.

Year ending June 30—	1906.	1905.	1904.
Gross earnings	\$7,265,058	\$7,090,888	\$6,652,484
Operating expenses and taxes	5,233,287	5,050,748	5,072,938

Balance, net earnings	\$2,031,771	\$2,040,140	\$1,579,546
Total net income, including "other"	\$2,484,988	\$2,491,357	\$2,051,194
Interest on mortgage bonds	862,667	766,976	683,758
Miscellaneous interest and discount	202,291	231,155	271,638
Rentals paid	232,528	211,948	208,968
Dividend	(2%) 1,162,296	(1 1/2%) 871,765	

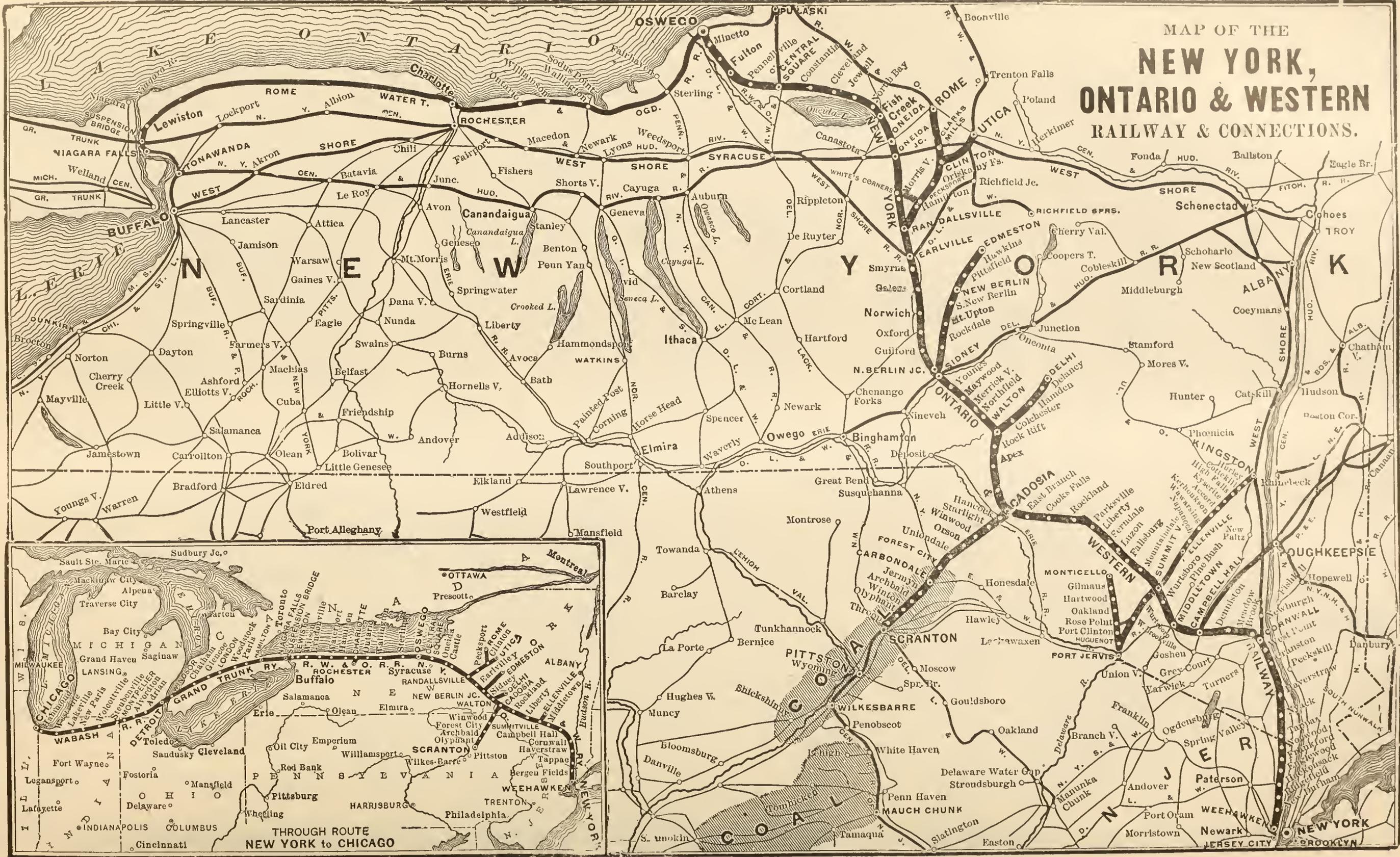
Balance, surplus \$25,206 \$409,513 \$886,828

Pres., Thos. P. Fowler. Directors, Dec. 1901, V. 79, p. 2643.—(V. 81, p. 1044, 1792; V. 82, p. 1497; V. 83, p. 376, 622.)

NEW YORK & OTTAWA RY.—Tupper Lake, N. Y., to Ottawa, Can., 128 m, including Ottawa & N. Y., whose stock is owned. Successor to the N. Y. & Ottawa RR., acquired by the N. Y. Cent. & Hud. Rly. RR. at foreclosure sale on Dec. 22 1904, which leases the road from Feb. 1 1905. V. 79, p. 2796; V. 80, p. 223; V. 82, p. 934. Stock authorized, \$1,250,000. In June 1905 a mortgage for \$2,500,000 was made, of which \$1,427,000 issued to pay for the property and remainder issuable for improvements and additions. V. 80, p. 2458; V. 81, p. 265. For year end, June 30 1905 (old co.), gross, \$162,413.—(V. 80, p. 2220, 2458; V. 81, p. 265.)

NEW YORK & PENNSYLVANIA RY.—V. 70, p. 501.

MAP OF THE  
**NEW YORK,  
 ONTARIO & WESTERN**  
 RAILWAY & CONNECTIONS.



RAILROADS.	Miles of Road.	Date of Bonds.	Size or Par Value.	Amount Outstanding	INTEREST OR DIVIDENDS.			Bonds—Prin- cipal. When Due. Stocks—Last Dividend.
					Rate %	When Payable.	Where Payable, and by Whom.	
<b>New York Ontario &amp; Western—Common stock</b> .....			\$100	\$58,113,982	See text.	See text.		July 30 '06 2
Refunding (first) M \$20,000,000 gold..... Me.c* & R	Text.	1892	1,000 &c	20,000,000	4 g	M & S	Office, 56 Beaver St N Y	June 1 1992
Gen mortgage \$12,000,000 gold red 110 (see text) N		1905	1,000	2,000,000	4 g	J & D	do do	June 1 1955
Gold notes secured by 1st M Scranton Coal Co.....		1899	1,000	1,225,000	5 g	F & A	New York Trust Co, N Y	Feb '07-Feb '11
do gold sec by 1st M on E H C & I due semi-ann-c		1900	1,000	2,675,000	5 g	J & D	Morton Trust Co, N Y	Dec '06-Dec '15
Car trusts Ser B \$37,000 payable semi-annually Me		1902	1,000	74,000	4 1/2 g	J & D	Manhattan Tr Co, N Y	To June 1907
Car trusts Ser C \$22,000 payable semi-annually Me		1903	1,000	66,000	5 g	M & N	do do	May '07-May '08
Car trusts Ser D \$50,000 due semi-annually.....		1904	1,000	250,000	5 g	A & O	do do	Apr '07-Apr '09
<b>New York &amp; Ottawa—First mortgage \$2,500,000 g... G</b>	128	1905	1,000 &c	1,477,000	4 g	J & J	Grand Cent Station, N Y	July 1 1955
<b>New York Phila &amp; Norfolk—Stock \$2,500,000.....</b>			50	2,500,000	See text	J & D	Checks mailed	June 1 1906 6 %
First mortgage \$3,000,000 gold..... FP.c*	112	1899	1,000	2,600,000	4 g	J & J	26 South 15th St. Phila	Jan 1 1939
Income M gold non-cum reg (\$1,000,000)..... FP	112	1899	1,000	1,000,000	4	M & N	Checks mailed (see text)	Jan 1 1939
<b>New York &amp; Putnam—N Y &amp; Nor 1st M gold..... c</b>	57	1887	1 000	1,200,000	5 g	A & O	New York City	Oct 1 1927
N Y & P con \$6,200,000 gold guar p & l (end) Un.c*	57	1894	1,000	4,025,000	4 g	A & O	Grand Cent Station, N Y	Oct 1 1993
N Y & Rock Beach—1st M \$1,000,000 gold guar. Ce.c*	12	1887	1,000	984,000	5 g	M & S	U S Mort & Tr Tr Co, NY	Sept 1 1927
Second M income bonds non-cumulative..... Ce.r	12	1887	1,000	1,000,000	Up to 5 %			Sept 1 1927
N Y Susq & Western—Midland RR 1st M gold..... Ce.c*	72	1880	500 &c	3,500,000	6 g	A & O	Office, 11 Broadway, NY	April 1 1910
Paterson Exten RR 1st M real estate s f gold..... c*	1	1881	1,000	250,000	6 g	J & D	do do	June 1 1910
<b>New York Susquehanna &amp; Western first mortgage</b>				5,000	6 g	J & J		July 1 1911
First mortgage refunding gold..... Ce.c*	127	1887	1,000	3,745,000	5 g	J & J	do do	Jan 1 1937
Second M (\$1,000,000 gold) 3d M on 72 m..... Ce.c*	127	1887	1,000	447,000	4 1/2 g	F & A	do do	Feb 1 1937
General mortgage for \$3,000,000 gold..... Ce.c*	127	1890	1,000	2,552,000	5 g	F & A	do do	Aug 1 1940
Terminal first mortgage for \$2,000,000 gold Us.c* & R		1893	1,000 &c	2,000,000	5 g	M & N	do do	May 1 1943
<i>Allied companies—</i>								
Wilkesbarre & Easton 1st M gold guar p & l. G.c*	65	1892	1,000	3,000,000	5 g	J & D	do do	June 1 1942
Susq Connect RR 1st M gold red at 105 guar Mp.c	10	1897	1,000	25,000	6 g	M & S	do do	Mar 1 1907
Passaic and New York 1st M (999 years rental).....	3	1885	500	70,000	6	J & D	do do	Dec 1 1910
Macopin RR 1st M (branch to Macopin Lake).....	2	1896	1,000	44,000	5	J & D	do do	Dec 1 1916
N Y Susq & W Coal Co 1st M red at 110 sink fd..... c*		1887		327,000	6	M & S	do do	Mar 1 1912
<b>New York &amp; Wilkesbarre Coal Co first mortgage</b> N		1893	500	450,000	6	M & N	Nov '02 not pd when due	Nov 1 1933
<b>New York Texas &amp; Mexico—See Galveston Harrisburg</b>								
<b>Newport &amp; Cincinnati Bridge—See Louisville &amp; Nash</b>								
<b>Newton &amp; Northw—1st M \$2,500,000 gold red (text) OB</b>	102	1902	1,000	2,460,000	5 g	A & O	Old Colony Tr Co, Boston	Oct 1 1932
Funding mortgage \$600,000 redeemable at par.....	102	1903	1,000	600,000	5 g	J & D	Adams Trust Co, Boston	Dec 1 1913
<b>Niagara Junction Ry—1st M \$650,000 gold..... Me c*</b>	Text.	1902	1,000	175,000	5 g	F & A	Mercantile Tr Co, N Y	Aug 1 1922
<b>Norfolk &amp; Portsmouth Belt Line—first mortgage FP</b>	6	1898	1,000	250,000	5	F & A	Fidelity Trust Co, Phila	Feb 1 1938
<b>Norfolk &amp; Carolina—See Atlantic Coast Line RR</b>								
<b>Norfolk &amp; Southern—Capital stock.....</b>	223		100	2,000,000	See text.	Q—J	Metropolitan Tr Co, N Y	Jan 10 1905 1 %
First mortgage \$1,970,000 gold..... Mo.c*	223	1891	1 000	1,655,000	5 g	M & N	Metropolitan Tr Co, N Y	May 1 1941

SECURITIES.—Stock, \$2,500,000, all outstanding, \$500,000 being issued June 1906 as a 25% stock dividend; par, \$50, represented by negotiable trust certificates issued by Fidelity Insurance Trust & Safe Deposit Co. of Philadelphia. Of the \$3,000,000 1st 4s, \$400,000 are reserved for improvements. V. 68, p. 773, 978. As to incomes, see V. 68, p. 978. Dividends on stock, 1901, 6%; 1902, 5%; 1903, 6%; 1904, June, 3%; Dec., 5%, incl. 2% extra; 1905, June, 4%; Dec., 6%, incl. 2% extra; 1906, June 6% and 25% in stock.—V. 82, p. 1438.

EARNINGS.—Year ending Dec. 31 1904, gross, \$2,001,784; net, \$580,296; other income, \$100; charges, \$392,257; dividend (8%), \$160,000; bal., sur., \$28,139.—(V. 81, p. 1437; V. 82, p. 1213 1438.)

NEW YORK & PUTNAM RR.—Owns 155th St. and 8th Ave., N. Y. City (terminus Manhattan Elevated), to Brewsters, N. Y., 54 miles; double-track branch to Yonkers, 3 miles; operates 2 miles; total, 59 miles.

HISTORY.—Successor to the N. Y. & Northern, sold under foreclosure of 2d mtge. Dec. 28 '93, and purchased for N. Y. Cent. & Hud. Riv. RR., to which it is leased—see V. 63, p. 754, 820, 1159; V. 81, p. 265. Decision, V. 74, p. 380; V. 77, p. 2339; V. 81, p. 1610. Stock, \$6,500,000; par, \$100.

BONDS.—The New York Central guarantees the new consolidated mortgage bonds, of which \$1,000,000 were reserved for improvements; also \$1,200,000 to retire at maturity the first 5s.—(V. 81, p. 1610.)

NEW YORK & ROCKAWAY BEACH RY.—Owns Glendale Jet. to Rockaway Park, 10.31 m., with branch, 1.43 m.; total, 11.74 m.; double track. Stock, \$1,000,000; par, \$100. Leased in perpetuity in 1903 by Long Island Railroad Co., whose endorsement is printed on first mtge. bonds. On Jan. 1 1906 \$101,000 firsts owned by L. I. RR. were on deposit under its unified mtge., together with \$929,667 of the incomes. In Oct. 1906 a further amount of income bonds and stock was acquired. V. 83, p. 890. Year ending Dec. 31 1905, gross, \$444,737; net, \$153,411; other income, \$3,087; charges, \$61,450; balance, \$95,048.—(V. 66, p. 1046; V. 77, p. 2098; V. 82, p. 929; V. 83, p. 890.)

NEW YORK SHORT LINE RR.—To build a cut-off for the Reading Co. between Cheltenham and Nesbamly Falls, 9 1/2 miles, was opened May 1906. V. 79, p. 1038. To be 4-tracked, 2 tracks to be laid at present and on 2 miles 3 tracks. Leased to Reading Co., which owns the \$250,000 stock. V. 83, p. 756. Guaranteed bonds will likely be issued.—(V. 78, p. 2335.)

NEW YORK SUSQUEHANNA & WESTERN RR.—(See Erie Map.) Owned (in fee) or entire stock. Miles. Susq. Connecting RR..... 10 Jersey City to Gravel Pt., Pa..... 101 Other branches (Double track 19 miles.)..... 25 Lines leased, &c. Middletown Un. & Water Gap\*... 14 Two Bridges, N. J., to Unionville 21 Trackage..... 2 Wilkesbarre & Eastern..... 65

Total road operated (see this col.) June 30 1905..... 238 STOCK.—Pref., \$13,000,000; com., \$13,000,000, of which the Erie owned June 30 1906 \$12,378,900 com. and \$12,892,400 pref., of which \$6,630,000 com. and \$6,630,000 pref. are deposited under its Pennsylvania coll. tr. M. Dividends on pref., Nov. 1891 to 1892, 2 1/2 % yearly; none since.

BONDS.—General mortgage 5% bonds are reserved to retire the 2d mortgage 4 1/2 s. See mortgage abstract, V. 52, p. 84. The seconds are exchangeable for generals on payment of an assessment.

As to terminal bonds listed in Sept. 1893, see "Supplement" of Jan. 1898, and abstract of mortgage V. 57, p. 512. The Wilkesbarre & Eastern 1st 5s are unconditionally guaranteed. V. 60, p. 481.

Susquehanna Connecting 6s are called, \$25,000 each M. & S.

EARNINGS.—2 mos. 1906..... Gross, \$476,981; net, \$145,440.

July 1 to Aug. 31, 1905..... Gross, 442,514; net, 135,162.

REPORT.—For 1905-06 in V. 83, p. 887, showed on 238 miles:

Year—	Gross.	Net.	Other Inc.	Charges.	Bal., def.
1905-06.....	\$2,757,925	\$828,674	\$43,055	\$896,062	\$24,333
1904-05.....	2,743,135	962,843	40,166	1,025,696	22,887

—(V. 80, p. 712; V. 81, p. 1175, 1371; V. 82, p. 452; V. 83, p. 272 887.)

NEW YORK TEXAS & MEXICAN RY.—In 1905 consolidated with Galveston Harrisburg & San Antonio Ry., which see.

In year ending June 30 1905, gross, \$484,101; net, \$90,274; deficit under charges, \$105,855.—(V. 78, p. 288, 702; V. 81, p. 212.)

NEWTON & NORTHWESTERN RR.—Owns Newton to Rockwell City, Ia., 102 miles. The Fort Dodge Des Moines & Southern Ry., which has taken over a portion of the main line from Kelley to a point near Gowrie, and the street railway lines in Fort Dodge and Ames, in June 1906 let contract for an electric system from Fort Dodge southeast via Ames to Des Moines. See "Chronicle."

Stock, \$2,500,000, of which \$500,000 is 6% non-cum. pref.; all outstanding. First mtge. bonds are subject to call on any interest day at 110 and interest. Both mortgages cover road and 3,218 acres bituminous coal lands. V. 78, p. 49, 703. For year ending June 30 1905, gross, \$112,924; net, \$9,532. Pres., Homer Loring, Boston, Mass.; Sec., Chas. F. Cushman, Boston, Mass.—(V. 78, p. 49, 127.)

NIAGARA JUNCTION RY.—A terminal and switching road extending from Niagara Falls, N. Y., to Fletcher's Corners, N. Y., 5.15 miles; factory sidings, 8.74 m. Stock, \$160,000 com. and \$140,000 8% cum. pref.; all of the com. and nearly all the pref. being owned by the Niagara Falls Power Co. No bonds in excess of \$500,000 can be issued without the consent of the entire stock. Year ending Dec. 31 1905, gross, \$49,746; net, \$27,626; int., taxes, &c., \$11,006; bal., sur., \$15,630. Pres., D. O. Mills; 2d V.-P. and Treas., Wm. H. Rankine; Sec., F. L. Lovelace. Office, 15 Broad St., N. Y.

NORFOLK & PORTSMOUTH BELT LINE RR.—Owns Port Norfolk to Berkley, Va., 6 miles, and Southern branch extension, 1.37 m. Stock, \$49,600, in \$100 shares. Bonds, see table. Year ending June 30 1906, gross, \$122,333; net, \$48,735; interest on bonds, \$12,500; other interest, \$100; taxes, \$1,887; bal., sur., \$34,248.

NORFOLK & SOUTHERN RR.—Owns Norfolk, Va., to Edenton, N. C., 76 miles (ferry across Albemarle Sound to Mackey's Ferry, 0 m.); thence road to Belhaven, 30 m.; Norfolk to Virginia Beach, 19 m.; Clapham Jet. to Munden's Point, 22 m.; Providence to Clapham Jet., 8 m.; Mackey's Ferry to Washington, N. C., 44 m.; former Chesapeake Transit (electric railway) Company, Norfolk to Lynn Haven Inlet and Virginia Beach, via Cape

Henry, 24 m. (acquired Dec. 1904). Total June 30 1906, 223 m., 45 m. is equipped electrically. V. 78, p. 1549, 2599; V. 79, p. 1462, 1705.

CONSOLIDATION.—In Oct. 1906 consolidation was pending per plan V. 82, p. 929 probably as the Norfolk & Southern Ry. of the Norfolk & Southern RR. and the Virginia & Carolina Coast (Suffolk to Edenton, 51 m., with branch to Elizabeth City 23 m.), with the lease of the Atlantic & North Carolina, Goldsboro, N. C., to Morehead City, 95 m., a total of 400 m. in operation, and all the stock and \$10,000,000 1st mtge. bonds to be issued by a lumber co. to own over 600,000 acres of timber land in fee and about 200,000 acres of timber rights. The new company will build an extension of about 200 miles, making a connected system of about 600 m. between Beaufort and Goldsboro, New Bern and Washington Raleigh and Washington, Washington and Mackey's Ferry, Belhaven and Mackey's Ferry, Edenton, Suffolk, Elizabeth City and Norfolk.

The Suffolk & Carolina was taken over Jan. 1906. The Norfolk & Southern and Virginia & Carolina Coast were to vote Oct. 16 1906 to take steps incident to the consolidation. See V. 83, p. 752, 753.

The new co. will issue the securities shown in the table above, \$14,000,000 bonds and \$4,800,000 pref. stock having been underwritten to provide for acquisition of property and construction as above. The new bonds will be secured in part by all the bonds of the lumber co. a s. f. to be not less than \$175,000 yearly and estimated to exceed \$300,000. Of the bonds, \$3,500,000 will be reserved to retire all outstanding 4ens and \$7,500,000 with \$7,300,000 pref. and \$200,000 com. stock for future purposes.

EARNINGS.—The present aggregate net earnings of the acquired properties is reported as over \$1,050,000. Interest on bonds to be issued, incl. reserve for refunding, \$875,000; bal. for stock, \$175,000. Estimated net earnings for the first year after the property is completed, \$1,550,000, leaving \$675,000 applicable to stock.

Report of Norfolk & Southern RR. was in V. 82, p. 158. Earnings for year ending June 30 1906, gross, \$1,148,922; net, \$290,415; other income, \$5,221; interest and taxes, \$241,003.

Loans and bills payable June 30 1905, \$610,000; car trusts, \$38,708.

Pres., Frank S. Gannon; Treas., Geo. G. Boardman; Sec., A. H. Larkin. Office, 135 Broadway, N. Y.—(V. 83, p. 752.)

NORFOLK & WESTERN RY.—See Map.—System extends from Norfolk, Va., westward to Columbus, Ohio, and northward to Hagerstown, Md., with branches to the various coal fields in Virginia and West Virginia.

Road owned	Miles.	Miles.
Norfolk Va. to Columbus, O.	704	Roanoke to Winston..... 121
Radford Va. to Bristol, Tenn.	111	Sundry branches..... 318
Roanoke Va. to Hagerstown	238	Columbus terminal..... 4
Graham to Norton	100	
Nor Car Junction to Fries	44	Total owned June 30 1906..... 1,861
Lynchburg to Durham N C	115	
Portsmouth Jet to Cincinnati		Double track..... 186
and Ivorydale	106	

ORGANIZATION.—Successor in 1896 of Norfolk & Western RR., &c., foreclosed per plan in V. 62, p. 641. In 1900-01 Penn. RR. and subsidiary companies acquired over \$33,000,000 of the stock, but in 1906 about \$16,000,000 (approximately half) was sold. V. 83, p. 502. Branches building June 30 1906, see V. 83, p. 573.

STOCK.—Provisions of pref. stock were given in "Supplement" of April 1897, page 4, said stock being 4% non cum. with preference as to assets. As to increase of authorized stock in 1906, see "General Finances" below.

DIVIDENDS. '97 '98 '99 '00 '01 '02 '03 '04 1905 1906

Preferred (%)	1	3	4	4	4	4	4	4	4
Common (%)			2 1/2	3	3	3	3 1/2	4	4

BONDS.—The first consolidated mtge. of 1896 is limited to \$62,500,000, the balance unissued being reserved to retire the underlying bonds. The right to issue prior lien bonds has been annulled. V. 73, p. 502; V. 74 p. 151; V. 75, p. 595; V. 77, p. 1785; V. 78, p. 229.

The 4% 1st consols are a 1st mtge. on a large part of the system, viz., about 868 miles of railroad; upon important terminals at Norfolk and Lambert Point, upon the Ohio River Bridge and the Roanoke Machine Works; besides being a consol. mtge. upon 739 miles of the system, subject to the undisturbed liens. They were further secured by the equipment (cost over \$11,000,000). See abstract, V. 64, p. 376. V. 72, p. 137, 438, 532, 723, 108; V. 75, p. 595; V. 79, p. 213; V. 81, p. 212.

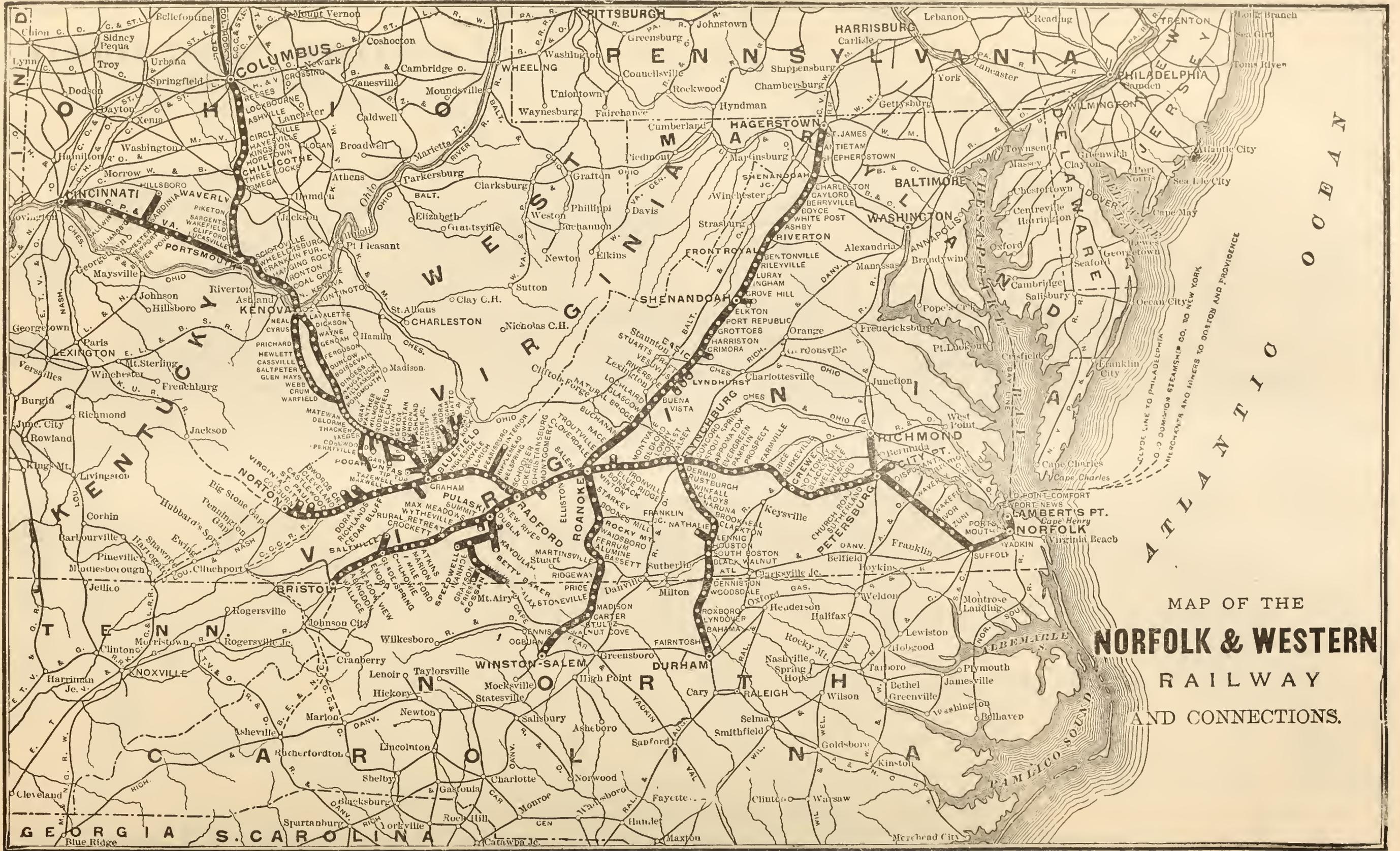
The N. & W. Pocahontas joint bonds are secured by about 295,000 acres of coal lands owned and held by the Pocahontas Coal & Coke Co., whose stock is owned, of which about 50,000 acres have been leased to companies whose stock is all owned by the U. S. Steel Corp. and 39,797 to other concerns, the royalties under such leases alone being shortly expected to be sufficient to almost meet the fixed charges. They are subject to call at 105 beginning 1906, for a sliding fund of 2 1/2 cents per ton mined. V. 73, p. 845 902; V. 74, p. 41, 380, 1197; V. 75, p. 502. These bonds are the joint and several obligations of the Railway Co. and of the Coal & Coke Co.

Distional 1st lien and gen. mtge. As of 1904 (\$35,000,000) authorized for future capital requirements are a 1st lien on extensions and branches not covered by the 1st consol. mtge. aggregating 219 miles, and upon such extensions and branches as may be acquired from the proceeds of the new bonds and also a lien subject thereto upon the properties covered thereby. Of the bonds \$11,000,000 has been sold for improvements and new equipment. V. 78, p. 1549; V. 79, p. 501, 628, 973, 1642, 1704, 2148; V. 80 p. 1175; V. 82, p. 510.

Equipment trusts of 1902, V. 74, p. 681; V. 75, p. 502, of 1904, V. 78 p. 1907. In April 1905, Series "C" car trusts for \$2,000,000 were sold; in Jan. 1906, Series "D" "E" and "F" for \$1,000,000 each. V. 80, p. 1857; V. 82, p. 210, 629; in July 1906, ser. "G" to "K," due \$100,000 May, June, July and Aug. yearly. V. 83, p. 96. Description of bonds, see V. 75, p. 504.

GENERAL FINANCES.—Of the traffic in 1905-06 61% (11,848,840 tons) was bituminous coal and coke; average rate per ton per mile, 0.481 cents; train-load, 579 tons. As to new 4s of 1904, see "Bonds" above. In Dec. 1905 dividend rate on common was increased to 4%.

The stockholders Oct. 11 1906 authorized an issue of \$34,000,000 convertible bonds and an increase in the common stock from \$66,000,000 to \$100,000,000, to provide for the conversion. V. 83, p. 380, 435, 575.



MAP OF THE  
**NORFOLK & WESTERN**  
 RAILWAY  
 AND CONNECTIONS.

MAP OF THE  
**NORTHERN PACIFIC RAILWAY**  
(EASTERN SECTION)

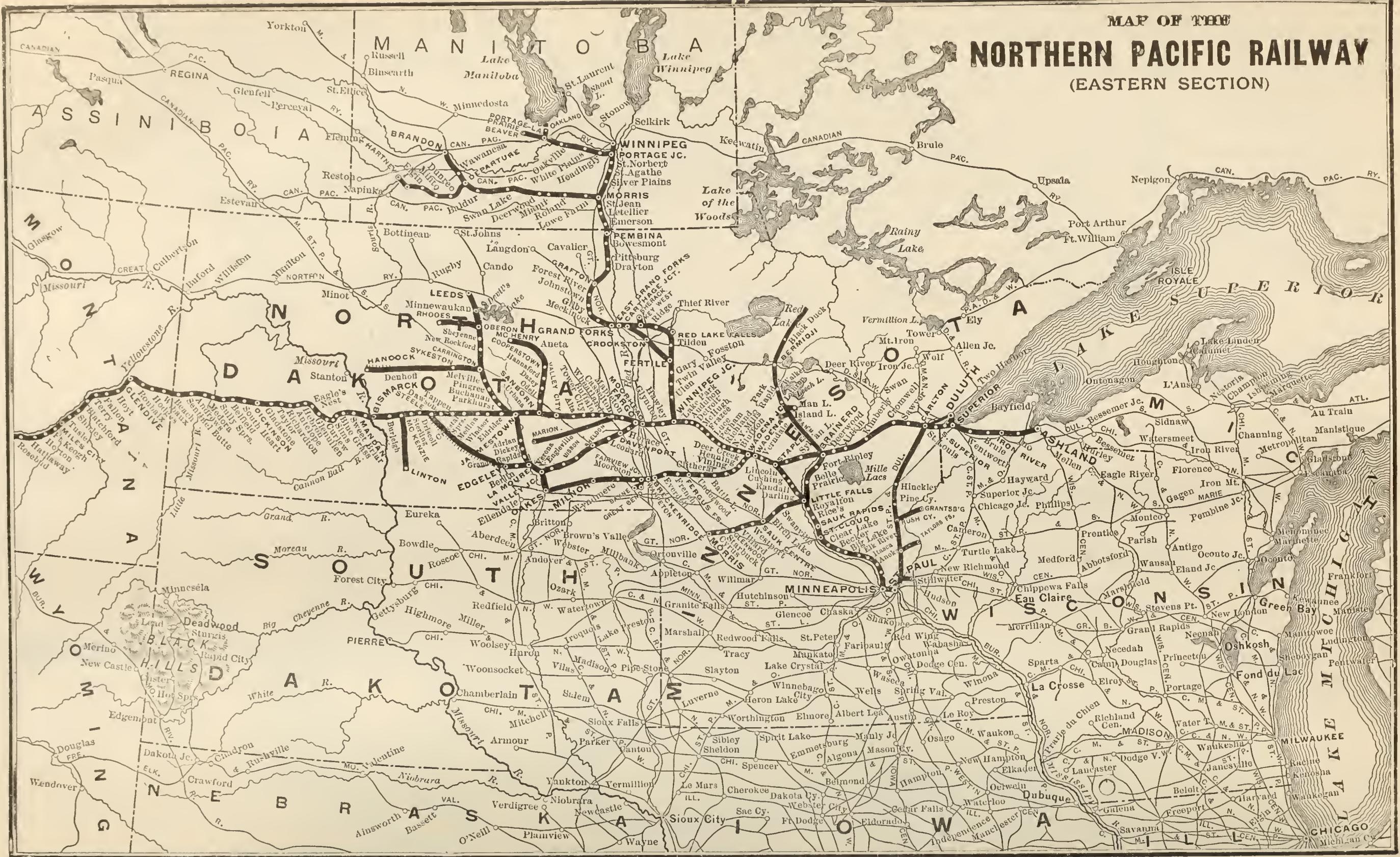




Table with columns: RAILROADS, Miles of Road, Date of Bonds, Size or Par Value, Amount Outstanding, Interest or Dividends (Rate %, When Payable, Where Payable), Bonds-Principal, When Due, Stocks-Last Dividend.

NORFOLK & WESTERN RY. (Concluded).—

EARNINGS.—For 2 months ending Aug 31: Gross, Net, Int., taxes, &c., Bal., sur.

REPORT.—Report for 1905-06, V. 83, p. 559, 572 (see editorial, p. 525):

Year ending June 30— 1906, 1905, 1904, 1903. Miles June 30, Passenger earnings, Freight earnings, Mail, express, &c.

Total gross earnings, Operating exp. and taxes, Total net earnings, Total net income.

Interest on funded debt, Interest on car trusts, Def. int. Poc. C. & C. bonds, Dividends on preferred, Dividends on common, Miscellaneous, Betterment fund, &c., Discount, &c.

Balance, surplus— \$760,179, \$444,996, \$524,719, \$185,041

OFFICERS.—Pres., L. E. Johnson; Chairman of Board, Henry Fink, 27 William St., N. Y.; V. P., Wm. G. Macdowell; Sec., E. H. Alden, Treas., Jos. B. Lacy. General office, Roanoke, Va.; Philadelphia office, Arcade Building, Market and 15th streets.

Directors.—Henry Fink, Victor Morawetz, Levi C. Weir, New York; L. E. Johnson, Roanoke, Va.; Samuel Rea, W. G. Macdowell, Joseph I. Doran and John P. Green, Philadelphia; James McCrear, Henry C. Frick, Pittsburgh; Walter H. Taylor, Norfolk, Va.—(V. 83, p. 559, 562, 572, 890.)

NORRISTOWN & MAIN LINE CONNECTING RR.—Owns road 3,405 feet long including bridge over Schuylkill River extending from Norristown to a connection with the main line of the Phila. & Read at a point above Bridgetort, Pa. Leased to Phila. & Read Ry. at 4% on stock and interest on bonds. The Reading Co. owns all the \$50,000 stock and guarantees the bonds.—V. 75, p. 1148

NORTH CAROLINA RR.—Owns from Goldsboro to Charlotte, N. C., 221.65 m.; Carolin. Jet. N. C. to Caroleigh Mills, 1.90 m.; total, 223.55 miles. Leased from Jan. 1 1896 to the Southern Ry. Co. for 99 years at \$266,000 (6 1/2% on stock) per year till Dec 31 1901 and \$286,000 (equal to 7% on stock) balance of lease also taxes. V. 63, p. 361. State of North Carolina holds \$3,000,000 stock. (V. 66, p. 665)

NORTH PENNSYLVANIA RR.—Owns from Philadelphia, Pa., to Bethlehem, Pa., 56 m.; branches to Delaware River, &c., 31 m.; 2nd track, 54 1/2 m.; total track, 227 miles. Leased for 99 years from May 1 1879 to Phila. & Reading RR. at 8% on stock, and lease assumed in 1896 by Phila. & Reading Railway. Current liabilities June 30 1905, \$364,419.—(V. 73, p. 1160; V. 75, p. 1354; V. 78, p. 821; V. 81, p. 559, 668)

NORTH SHORE RR. (Narrow Gauge)—Owns San Francisco to Cazadero, 84 m.; branches to San Quentin and Mill Valley, 8 m.; spurs, 10 m., of which 5 not operated; total, 102 m., including ferry to San Francisco, 6 m. Of the road, Sausalito to Mill Valley, Fairfax and San Rafael, 25 1/2 m., was opened as a third-rail standard-gauge electric line in Aug. 1903. V. 74, p. 1252. Successor May 1902 of North Pac. Coast RR. In 1904 Pres. Arthur W. Foster of the Cal. Northwestern Ry. and associates, including. It was under stock Southern Pac interests, acquired control. V. 79, p. 681.

STOCK.—Stock, \$6,000,000; par, \$100. V. 77, p. 250, 1534; V. 83, p. 156.

BONDS.—Of the 5s of 1902 Merc. Tr. Co. of San Fran. (trustee), the present issue is \$3,500,000, of which \$1,500,000 were reserved to retire the N. P. Coast 5s at or before maturity, the bal. being issuable as required for extensions and improvements. V. 74, p. 1252. The interest on the 5s of 1902 was defaulted a second time in May 1905, cash for principal and interest being deposited with the trustee, which declared the bonds due and payable. V. 80, p. 1913.

For year ending June 30 1906, gross, \$741,847; net, \$183,120; Interest and taxes, \$304,572; bal., def., for year, \$121,452. Pres., Arthur W. Foster, San Francisco. Directors, Aug. 1904, V. 79, p. 681.—(V. 83, p. 156.)

NORTH-EAST PENNSYLVANIA RR.—Owns road from Glenside to New Hope, Pa., 26 miles. Controlled by Reading Co. Capital stock, \$400,000, of which \$318,950 owned by Reading Co. par \$50.

NORTHERN ALABAMA RR.—Sheffield to Parrish, Ala., and branches, 119 miles. In April 1899 a majority of stock and bonds purchased by the Southern Ry. V. 68, p. 824, 873. See also V. 69, p. 391.

Stock is \$2,000,000. Under supp. mtge. of 1898 \$400,000 of the outstanding \$1,700,000 1st 5s were made prior liens. Remaining \$1,300,000 gen. lien bonds bear int. for two years from July 1 1898 at 2%, then 3% for two years; thereafter 5%. V. 67, p. 1308. In year ending June 30 1905 gross, \$418,380; net, \$88,881. In 1903-04, net, \$46,330 (V. 69, p. 28)

NORTHERN (N. H.) RR.—Owns Concord, N. H., to White River Jct., Vt., 70 m. Branch to Bristol, N. H., 13 m. total 83 miles. Subsidiary lines, Concord & Claremont RR., 71 m.; Peterborough & Hillsborough RR., 10 m. Lease to Boston & Lowell for 99 years from Jan. 1 1890 was assigned to Pos. & Me., rental was 5% on stock till July 1 1897 and now 6% payable in gold. In July 1897 1% extra was paid regularly from contingent fund. Also in 1894, Jan. 5% extra was paid, in 1896, July, 2% extra; in 1897, 5% extra; in July 1904, 1/2% extra.—(V. 65, p. 463; V. 78, p. 2385)

NORTHERN CALIFORNIA RR.—See Southern Pacific RR

NORTHERN CENTRAL RR.—Owns Baltimore, Md., to Sunbury, Pa., 135 m., of which 132 m. double track—branch, 9 m., leases—Shamokin Val. & Pottav. RR., 38 m.; Elmira & Wmsport RR., 76 m., operates at cost—

Elmira & Lake Ont. RR., 100 m.; Lykens Val. RR., 19 m.; also since June 1 1902 York Hanover & Frederick RR., 56 m.; York branch Penn. RR. York, Pa., to Columbia, 13 m.; other, 4 miles; total, 450 miles. Also uses N. Y. L. E. & W. tracks, 7 m.

Northern Cent. Connecting RR. Co., incorporated on May 12 1903 with \$350,000 authorized stock, is building from a connection at Sellinsgrove Jctn. to the main line of the Penn. RR., 35 miles. V. 78, p. 773.

ORGANIZATION.—A consolidation of several roads in 1854 controlled by the Penn. RR., which owns a majority of the stock. The stockholders in Nov. 1903 authorized perpetual lease to or merger with the Pennsylvania RR. V. 77, p. 1875.

SECURITIES OWNED.—On Jan. 1 1906 among the assets held were Elmira & Lake Ont. stock (all), \$1,500,000; Sham. Val. & Pottsv. stock, \$619,650; Union RR. stock, \$1,225,000 (the bal. of \$875,000 being held by Phila. Wilm. & Balto.) &c. Also the following, mostly acquired in 1900: Ches. & Ohio stock, \$1,500,000; Balt. & Ohio pref. stock, \$1,000,000, and com., \$781,500; Norf. & West. pref. stock, \$500,000, and com., \$1,000,000; Erie & West. Transportation Co. stock, \$500,000.

STOCK.—Authorized issue was increased in Feb. 1900 from \$8,000,000 to \$12,000,000 Penn. RR. on Jan. 1 1906, owned \$9,401,950. The stockholders in Nov. 1903 voted to increase the authorized stock from \$12,000,000 to \$20,000,000. Of the new stock, \$5,731,125, raising the amount outstanding to \$17,193,425 was subscribed for at \$62.50 per \$50 share in June 1904 the proceeds being used to pay off \$2,000,000 bonds maturing July 1 1904 purchase \$1,562,000 of the \$2,000,000 outstanding Shamokin Valley & Pottsville RR. 3 1/2% bonds not already owned, and provide for improvements and equipment. V. 77, p. 1875; V. 78, p. 1907.

DIVS. 1888 '89 '90 '91 '92 '93 1894 to 1900 1901 to July 1906. Per cent. 7 8 7 7 8 8 7 yearly 8 yearly (J&J)

Request for larger dividends, V. 83, p. 492.

EARNINGS.—8 mos., 1906, Gross, \$7,512,545; net, \$1,740,792. Jan. 1 to Aug. 31, 1905, Gross, 6,768,545; net, 1,157,992

ANNUAL REPORT.—Fiscal year ends Dec. 31. President's report for 1905 given at length in V. 82, p. 448, 458, showed the following:

Year ending Dec. 31— 1905, 1904, 1903, 1902. Miles of road, Gross earnings, Net earnings, Other receipts, Total net income, Rentals, &c., Interest on debt, Dividends, 8%, Taxes and miscellaneous, Extraordinary

Balance surplus— \$25,374, None, \$11,405, \$129,567 (V. 81, p. 8, 8, 876; V. 81, p. 1376; V. 82, p. 448, 458; V. 83, p. 492.)

NORTHERN CONSOLIDATED HOLDING CO.—See Section for July '05

NORTHERN RR. OF NEW JERSEY.—Owns from Bergen, N. J., to Sparkill, N. Y., 21 m.; leases Sparkill to Nyack, 5 m. Leased to the Erie RR. from June 1 1899 for the term of its corporate existence, for interest on bonds, 4% on \$1,000,000 stock, payable quarterly, taxes, and all corporate expenses. Of the \$1,000,000 new 4 1/2% gen. mtge. bonds, guaranteed by the Erie, \$654,000 are reserved to retire the 6s due July 1 1917, and the remainder for improvements and betterments or equipm't for operation by electricity of the leased properties. See V. 69, p. 81.—(V. 71, p. 30.)

NORTHERN RY. COSTA RICA.—See V. 71, p. 1067, and United Fruit Co.; V. 75, p. 849; V. 78, p. 288; V. 80, p. 223; V. 81, p. 614.

NORTHERN OHIO RAILWAY.—(See Map Lake Erie & Western.)—Owns Akron to Delphos, O., 165 miles; branches, 2 miles. Leased in perpetuity to L. E. & W., which guarantees the bonds. V. 62, p. 826.

STOCK.—Common stock (all owned by L. E. & W.), \$3,580,000; preferred non-cumulative 5% stock, \$650,000; par of each, \$100.

BONDS.—The first mortgage is for \$4,000,000, of which \$1,500,000 unissued are limited to \$15,000 per mile of completed road hereafter constructed or purchased. Operated as part of L. E. & W. V. 66, p. 337.

NORTHERN PACIFIC RAILWAY.—(See Maps.)—Operates one of the leading lines to the Pacific, having its eastern terminal at St. Paul, Minn., and Duluth, Wis. (the head of Lake navigation), and running thence westerly, traversing the great wheat belt of Minnesota and North Dakota, the mining district of Montana and the farming country of Washington to Tacoma and Seattle, and to Portland, Ore., with branches to Winnipeg, &c. The system comprises:

Main line, Miles, Leased to others, Miles. Ashland, Wis., to Portland, Ore. (incl. 5 m. terminals), 2,171 To other companies, 9 To Province of Manitoba, 355 Not operated, 44 Paul, 181 Total (inc. 17 m. trackage), 5,836 Other lines, 411 Controlled properties, Wash. & Col. River, 160 Minn. & Intern. (V. 77, p. 451), 174 Other companies, 44 Total main line, 2,703 Wash. & Col. River, 160 Various branches, 2,666 Minn. & Intern. (V. 77, p. 451), 174 Other companies, 44 Total, incl. 17 m. trackage (operated directly), 5,429 Total system July 1 1906, 6,223 \*See this company. Second track, 124

The Manitoba branches, aggregating 354 m., were leased for 99 years from May 31 1901 to the Provincial Government and sub let by the latter to OHIO RIVER RR.—(See B. & O. Map.)—In July 1901 purchased by the Balt. & Ohio RR., which has pledged \$5,884,400 of the \$5,915,430 capital stock as part security for its own Potts. L. E. & W. Va. 4s.

REPORT.—Year ending June 30 1902, gross, \$1,550,152; net, \$585,042; Int., \$252,536; bal., sur., \$333,406. Earnings since July 1 1902 are included in those of L. E. & O.—(V. 72, p. 287; V. 73, p. 287)

RAILROADS. For explanation of column headings, &c., see notes on first page of tables.	Miles of Road.	Date of Bonds.	Size, or Par Value.	Amount Outstanding	INTEREST OR DIVIDENDS.			Bonds—Principal. When Due. Stocks—Last Dividend.
					Rate %	When Payable.	Where Payable, and by Whom.	
<b>Northern Central—(Concluded)</b>								
Consolidated general mortgage of 1874 gold Ser E..c	144	1885	\$1,000	\$1,757,000	4 1/2 g	A & O	Treasurer's Office, Balt	April 1 1925
Second gen M Series "A" & "B" (A \$2,565,000) FP	144	'76-'82	1,000	3,565,000	5	J & J	do do	Jan 1 1926
Northern of New Jersey—Stock guar (see V 69, p 81)			100	1,000,000	4	Q—M	11 Broadway, N Y	Sept 1906 1%
Third mortgage (now first) interest guaranteed .c	21	1887	100 &c	654,000	6	J & J	do do	July 1 1917
Gen M \$1,000,000 gold int guar by lease. Usm c*		1900	1,000	154,000	4 1/2 g	A & J	do do	Jan 1 2000
Northern Ohio—1st M g (\$15,000 p m) gu p & l. Ce.c*	167	1895	1,000	2,500,000	5 g	A & O	Chase National Bank, NY	Oct 1 1945
Northern Pacific Ry—Stock \$155,000,000			100	155,000,000	7	Q—F	New York	Nov 1 '06 1 3/4 %
Western RR Minn first mortgage gold assumed.	60 1/2	1877	1,000	326,000	7	M3&N4	J P Morgan & Co, N Y	May 1 1907
St Paul & N P gen M land grant assumed. Ce.c*&r	182	1883	1,000	8,021,000	6 g	F & A	do do	Feb 1 1923
do do registered	182	1883	1,000		6 g	Q—F	do do	Feb 1 1923
New mortgages of Northern Pacific Ry—								
Prior lien M \$130,000,000 gold land gr. Me.c*&r	See z	1896	500 &c	103,461,500	4 g	Q—J	J P Morgan, N Y; & Berp	Jan 1 1907
General lien M \$190,000,000 gold land gr F.c*&r	See z	1896	500 &c	60,000,000	3 g	Q—F	do do	Jan 1 2047
St Paul-Duluth Div pur money M \$20,000,000. G.c*	226	1900	1,000	*7,616,000	4 g	J & D	do do	Dec 1 1906
C B & Q coll tr M g (red att Jan '06 at 105) S.c*&r		1901	1,000 &c	107612 600	4 g	J & J	do do	July 1 1921
do do registered		1901	1,000, &c		4 g	Q—J	do do	July 1 1921
1st M Minn & Dul Minn to W B Lake g assumed. FP*	15	1877	1,000	280,000	7 g	M & N	New York	Jan 1 1907
Bonds Underlying St Paul & Duluth Div Mortgage								
St Paul & Duluth first mortgage assumed. c*	167	1881	1,000	1,000,000	5	F & A	J P Morgan & Co, N Y	Aug 1 1931
Second mortgage assumed. Ce.c*	167	1887	1,000	2,000,000	5	A & O	do do	Oct 1 1917
Taylor's F & L Sup 1st M s f not drawn. Ce.c*	21	1884	1,000	210,000	6	J & J	do do	Jan 1 1914
Duluth S L 1st M p & l slnk fd not drawn. Ce.c*	25	1886	1,000	500,000	5	M & S	do do	Sept 1 1916
Consolidated M assumed \$5,000,000 gold. Mp.c*	238	1898	1,000	1,000,000	4 g	J & D	do do	June 1 1968
Car trusts including interest July 1906		'98-'99		70,312	4 1/2 & 5			To 1909
Northern Pac Term Co—1st M gold red at 110. F.c*		1883	1,000	3,628,000	6 g	J & J	Winslow, Lanier & Co, N Y	Jan 1 1933
Northern Railway (Cal)—See Southern Pacific RR.								
Northern Securities—Stock \$3,954,000			100	3,954,000	See text.	See text.	Checks mailed	Jan 10 1906 5 %
Northwestern Coal Ry—1st M guar (end) gold. F.c*		1893	1,000	794,000	5 g	M & N	Farmers' L & Tr Co, N Y	May 1 1923
Northwestern RR of So Car—First M \$375,000	65	1899	1,000	285,000	4	A & O	Safe Dep & Tr Co, Balt	Apr 1 1949
Norwich & Worcester—Preferred stock 8 % rental	72		100	3,000,000	8	Q—J	Mech Nat Bk, Worcester	Oct 1 1906 2 %
Bonds (not M) int guar under lease currency. c&r		1897	1,000	1,200,000	4	M & S	Company's Office, Boston	Mar 1 1927
Norwood & St L—1st M \$300,000 g red 110 in 10 yrs Ta	7 1/2	1902	500 &c	100,000	5 g	A & O	City Nat Bk, Watert, N Y	April 1 1932
Nova Scotia Eastern—First mortgage gold red (text)	Text.	1905	£100	(?)	5 g	J & D 30		1955
p Berlin at 4.20 marks per dollar z 5,130 miles. in cludin g 40 m les not o perated; sp urs, 261 miles.								*\$361,000 add'l in treasury June 30 1906

the Canadian Northern Ry. at a rental of \$210,000 annually for the first 10 years, then \$225,000 for 10 years, then \$275,000 for 10 years and thereafter \$300,000, with the option of purchase at any time for \$7,000,000. V. 73, p. 610. In Jan. '02 purchased branch from Minneapolis to White Bear Lake, Minn., 15 m., formerly leased, assuming \$280,000 bonds. V. 74, p. 94.

On July 1 1900 the St. Paul & Duluth RR., St. Paul to Duluth, &c., 238 m. was merged, its bonded debt being assumed. V. 70, p. 1250; V. 71, p. 648. On June 30 1906, about 100 miles of branches and extensions were under construction. V. 81, p. 1246. Portland & Seattle Ry., proposed joint line with Great Northern, extending from Portland to Spokane, Wash., 423 miles. see V. 81, p. 1101.

**HISTORY.**—This Wisconsin company on Sept. 1 1896 succeeded to the railroads, land grant and other property of the Northern Pacific RR., foreclosed in July 1896, and reorganized per plan in V. 62, p. 550.

The original Northern Pacific Company was chartered by Congress July 6 1864; 450 miles to Bismarck were foreclosed in 1875.

**STOCK.**—The \$75,000,000 preferred stock was paid off at par on Jan. 1 1902, the common being increased from \$80,000,000 to \$155,000,000. V. 73, p. 1062; V. 74, p. 41; V. 78, p. 1223.

The Un. Pac. system on June 30 '05 owned \$24,295,100 stock, of which \$2,254,883 pledged under Ore. Short Line ref. mtge. V. 81, p. 1666.

**DIVIDENDS.**—'98. '99. '00. '01. '02. '03. '04. '05. 1906.  
On common...p. c. 0 2 4 4 5 1/2 7 6 3/4 7  
On pref. (retired) p. c. 5 4 4 (Q.-M.) 4 1 (final) -- --

**BONDS.**—Abstracts of the new Prior Lien and General Lien mortgages of 1896 were in V. 63, p. 1012-1019, and the statement to New York Stock Exchange was in V. 63, p. 1072, showing:

Prior lien 4 %s purchasable with land sales at not exceeding 110 (but not subject to call), not over \$500,000 cash yearly to be so applied. Total issue	\$130,000,000
Issued and outstanding	103,461,500
Issued, but purchased and canceled	3,688,500
Reserved to retire St. Paul & N. P. and West. RR. bonds	8,350,000
For new construction, betterments, equipment, &c., under carefully guarded provisions, but not exceeding \$1,500,000 per annum. Originally \$25,000,000—still held	14,500,000

Of the \$190,000,000 general lien bonds, \$130,000,000 are reserved to retire the prior lien bonds at maturity.

The St. Paul & Duluth Division mortgage secures \$20,000,000 purchase money bonds on the former St. Paul & Duluth, of which \$9,215,000 were issued to acquire the road, \$5,283,000 are reserved to retire existing St. P. & D. bonds and the balance for improvements to the property. V. 70, p. 1250; V. 71, p. 1167. The lands included in the grant of the former St. Paul & Duluth are estimated to be worth about \$4,000,000, and were not covered by the old mtges. They are to be sold and proceeds applied to purchase of the bonds at not over 105 and interest, or if not purchasable at that price, then to betterments, improvements or additions to the mortgaged premises or equipment therefor. To July 1906 \$2,264,000 had been thus purchased and canceled. V. 71, p. 1167; V. 72, p. 339.

**LAND GRANT.**—The land grant was 12,800 acres to the mile in the States of Minnesota and Oregon and 25,600 acres per mile in the (then) intermediate territories. The acres on June 30 1906 not yet sold were:

Minnesota	14,003	Washington	2,359,690
North Dakota	7,062	Oregon	66,063
Montana	6,669,669		
Idaho	593,127	Total west of Mo. River	9,709,985

Land sales in year 1905-06 aggregated 141,362 acres; net amount received from sales and land contracts, \$1,110,146.

**FINANCES.**—In 1904 Nor. Pac. and Gt. Northern had acquired \$107,612,600 of the \$110,839,100 stock of Chic. Burl. & Quincy RR. in exchange for their joint 20-year 4 % gold bonds secured by the deposit of the stock in trust, on the basis of \$200 in bonds for each \$100 stock. See circular, V. 72, p. 871, 1034, 1135; application to list, V. 73, p. 294; V. 73, p. 610.

In May 1905 the Northern Pacific and Union Pacific arranged for the joint construction of 125 miles of road into the Clearwater district, Idaho. V. 80, p. 2220; V. 81, p. 1246.

**BARNINGS.**—For 3 months ending Sept. 30 1906, gross, \$17,867,858, against \$15,477,621 in 1905-06:

**REPORT.**—Report for 1905-06 at length in V. 83, p. 886; "Chronicle" Oct. 30.

Years end. June 30.	1905-06.	1904-05.	1903-04.	1902-03.
Aver. miles oper.	5,401	5,315	5,262	5,111
Passenger earns	\$14,368,221	\$11,335,852	\$11,105,753	\$10,595,447
Freight earnings	44,041,467	36,861,132	32,998,921	33,301,958
Mall, express, &c.	2,813,788	2,525,902	2,419,900	2,244,700
Gross earnings	\$61,223,476	\$50,722,886	\$46,524,574	\$46,142,105
Net earnings	\$30,128,043	\$23,914,127	\$22,290,031	\$22,110,012
Taxes	2,213,040	1,601,000	1,462,775	1,421,434
Rentals, &c.	160,469	160,469	158,369	150,543
Adds. & Imp'ts.	3,000,000	3,000,000	3,000,000	3,000,000
Deprec. of equip.	2,000,000			
Insurance fund	1,081,980			
Net oper. inc.	\$21,672,554	\$19,152,658	\$17,668,887	\$17,538,035
Mls. exc. land sales	1,719,346	1,921,567	1,483,354	1,112,551
Bal. for int.	\$23,391,900	\$21,074,225	\$19,152,241	\$18,650,586
Interest	6,986,140	6,947,983	6,922,950	6,904,696
Div. on com. stk (7)	10,850,000	(7) 10,850,000	(7) 10,849,989	(6 1/2) 10,074,944
Bal. enr. for vt.	\$5,555,760	\$3,276,241	\$1,379,322	\$1,670,946

**DIRECTORS.**—John S. Kennedy, D. Willis James, George F. Baker, William Sloane, J. Pierpont Morgan Jr., Lewis Cass Ledyard, Howard Ell-

ott, Charles Steele, George W. Perkins, William P. Clough, James N. Hill, Amos Tuck French, Alexander Smith Cochran, Payne Whitney and Grant B. Schley.

**OFFICERS.**—Pres., Howard Elliott, St. Paul, Minn.; V.-P., James N. Hill; Sec., George H. Earl, New York; Treas., C. A. Clark, St. Paul. New York office, 49 Wall St.—(V. 81, p. 1245; 1666; V. 83, p. 886.)

**NORTHERN PACIFIC TERMINAL COMPANY, OF OREGON.**—Owns terminals on the Willamette River, Ore., at Portland, East Portland and Albina, comprising lands 270 acres, trackage 32 miles, dock frontage 7,904 feet. Station at Portland, Ore., opened 1896. V. 69, p. 230, 441.

**LEASE.**—Leased for 50 years from Jan. 1 1883 jointly and severally to Northern Pacific, Oregon Ry. & Navigation and Oregon & California, with guaranteed rental to pay interest, sinking fund and taxes; leases assumed in 1899 by new Nor. Pac. and Oregon RR. & Nav. V. 69, p. 230.

**STOCK.**—Stock (\$3,000,000) owned by sold three companies (40 % by Oregon Ry. & Nav. Co., 40 % by Nor. Pac. and 20 % by Oregon & Cal. RR.), and held by Central Trust Co. of New York, to be delivered after payments to the sinking fund, which is to cancel the bonds.

**BONDS.**—The first mortgage is for \$5,000,000; in 1905 \$4,225,000 had been issued, of which \$597,000 retired by sinking fund—drawings at 110 and interest. V. 78, p. 288; V. 80, p. 223; V. 82, p. 162; V. 83, p. 156.

**NORTHERN SECURITIES CO.**—In 1904 the U. S. Supreme Court declared the company to be a combination in violation of the Anti-Trust Act, and therefore illegal. V. 76, p. 811, 919, 1249; V. 78, p. 1168. In April 1905 the pro rata plan of liquidation given below was sustained by the U. S. Supreme Court, and the company's holdings of Great Northern and Northern Pacific stocks were being distributed.

The stockholders voted on April 21 1904 to reduce the stock from \$395,400,000 to \$3,954,000, the par value of shares to remain \$100. In return for each 100 shares of Northern Securities stock owned the holders to receive 99 times \$39 27 stock of the Northern Pacific, or \$3,887 73, and 99 times \$30 17 stock of the Great Northern, or \$2,986 83, and a stub for 1 % (\$100) of the original Nor. Sec. stock owned, the latter representing the remaining assets in the treasury, pending completion of dissolution. V. 78, p. 1223, 1275, 1392. Report from Nov. 13 1901 to Dec. 31 1905 was in V. 82, p. 101.

**DIVIDENDS.**—Dividends 1902, 4 %; 1903, 4 1/2 %; 1904, Feb., 1 1/2 %. On stock as reduced, 5 % paid Jan. 10 1906. V. 82, p. 101.

**OFFICERS.**—Pres., James J. Hill; Sec. and Treas., E. T. Nichols; General Counsel, W. P. Clough. Office, 32 Liberty St., New York.—(V. 80, p. 1913, 2220; V. 81, p. 212, 1551, 1666; V. 82, p. 101.)

**NORTHWESTERN COAL RY.**—Allouez Bay, Wisconsin, to Allouez Jet, Wis., 2.53 miles, with coal wharf covering about 80 acres of land. V. 71, p. 698. Owned by the Pittsburgh Coal Co., which guarantees the bonds. See official statement, V. 71, p. 698. Capital stock, \$1,000,000. For year ending June 30 1905, gross, \$15,901; def. under oper., \$1,146; int. and taxes, \$11,959; bal., def. for year, \$13,096.—(V. 71, p. 698.)

**NORTHWEST.**—See Chicago & North Western.

**NORTHWESTERN RR. OF SOUTH CAROLINA.**—Wilson Mill, S. C., via Sumter to Camden, 62.5 miles; branch, Millard to St. Paul, 3.5 m.; trackage, 5 m.; total, 71 miles. Stock, \$100,000. Dividend, 6 %, paid yearly Dec. 1900 to 1902; 1903 to 1905, 4 %. Year ending June 30 1905, gross, \$97,858; net, \$35,221; int., \$15,000; dividends, \$4,000; bal., sur., \$16,221.

**NORWICH & WORCESTER RR.**—Owns from Norwich, Conn., to Worcester, Mass., 59 miles; branch, Norwich to Groton, 13 m.; total, 72 miles. Leased to New England RR. for 99 years from Feb. 1 1869, and accepted by N. Y. N. H. & H. RR. since July 1 1898; rental is 8 % on preferred stock.—V. 69, p. 1194; V. 70, p. 76, 125.)

**NORWOOD & ST. LAWRENCE RR.**—Norwood to Raymondville, N. Y., 7 1/2 miles; opened Oct. 1901. Stock, \$100,000; par of shares, \$100. Bonds are subject to call at 110 after April 1 1912. Year ending June 30 1905, gross, \$45,817; net, \$24,048; int. and taxes, \$5,435; bal., sur., \$18,613. Pres., Chas. H. Remington; Manager, F. A. Sherman, Norfolk, N. Y. Treas., Warren F. Howe, Watertown, N. Y.—(V. 74, p. 1090.)

**NOVA SCOTIA EASTERN RY**—V. 81, p. 727.

**OGDEN MINE RR.**—Owns Nolan's Point (Lake Hopatcong) to Sparta (or Ogden Mine), N. J., 10 miles. Leased for 999 years from Jan. 1 1882, to Central RR. of N. J. for 5 % per annum on capital stock and \$500 yearly for organization expenses.

**OGDENSBURG & LAKE CHAMPLAIN RY.**—See Rutland RR.

**OHIO CONNECTING RR.**—Owns bridge over Ohio River near Pittsburgh, Pa., and approaches, 6.12 miles. Leased from Oct. 20 1890 for no definite time to Pitts. Clinch. Chlc. & St. Louis Ry.; rental, net earnings. Stock increased in Dec. 1902 from \$1,000,000 to \$2,000,000 in 550 shares. Bonds are guaranteed as to principal and interest by endorsement by Pennsylvania Company, which on Jan. 1 1906 owned the entire stock. Form of guaranty, V. 81, p. 669. For calendar year 1905, gross, \$299,358; net \$209,435; other income, \$14,105; charges, \$80,240; dividends (5 %), \$100,000; bal., sur., \$43,300.—V. 82, p. 281, 752.

**OHIO & KENTUCKY RY.**—Owns from Lex. & East. Ry. at Jackson, Ky., to canal lock fields in Morgan County, Ky., 26 miles. Operated by Lex. & East. Ry., but independent operation resumed in July 1904. Common stock, \$200,000; preferred stock, \$100,000; bonds as above, \$250,000; junior securities to be taken by stockholders, \$175,000. Bonds are guaranteed by Kentucky Block Canal Coal Co. Year ending June 30 1904, net earnings, \$46,699. Pres., W. de L. Walbridge, 1 Broadway, New York.

**OHIO & LITTLE KANAWHA RY.**—Zanesville, O., to Marietta, &c., 80 miles. V. 69, p. 907. Balt. & Ohio has pledged under its Pitts. L. E. & West Va. mtge. \$585,000 com. and \$824,000 pref. stock. V. 73, p. 1264. Stock is, com., \$918,000; pref., \$1,167,500. Year 1904-05, gross, \$255,717; net, \$48,107.—(V. 73, p. 1264.)

RAILROADS. For explanation of column headings, &c., see notes on first page of tables.	Miles of Road.	Date of Bonds.	Size, or Par Value.	Amount Outstanding	INTEREST OR DIVIDENDS.			Bonds—Prin- cipal, When Due, Stocks—Last Dividend.
					Rate %	When Payable.	Where Payable, and by Whom.	
Ogden Mine RR—Stock (5% rental Central of N J)...	10	----	\$100	\$450,000	5	J & J	608 Chestnut St, Phila	July, 1906 2 1/2 %
Ohio Conn Ry—1st M \$2,000,000 g gu p & l (text) F.c*	9	1903	1,000	2,000,000	4 g	M & S	Farmers' L & Tr Co, N Y	Sept 1 1943
Ohio & Kentucky—1st M gold slnk fd call at 110. Ce c*	26	1896	1,000	250,000	5 g	J & J	1 Broadway, New York	July 1 1926
Ohio & Little Kanawha Ry—1st M gold red 105.---K	80	1900	1,000	228,000	5 g	M & S	Knickerbocker Tr Co, NY	Mar 1 1950
Ohio River—1st mortgage (\$2,000,000) gold.---FP.c*	172	1886	1,000	2,000,000	5 g	J & D	Central Trust Co, N Y	June 1 1936
General M (\$3,000,000) gold first on 39 miles.---FP.c*	209	1887	1,000	2,941,000	5 g	A & O	do do	April 1 1937
Rav Sp & Glen 1st M \$400,000 g gu p & l.---FP.c*	33	1890	1,000	376,000	6 g	F & A	do do	Aug 1 1920
Huntington & Blg S 1st M (\$400,000) gold guar.---c*	11	1892	1,000	303,000	6 g	J & J	New York or Philadelphia	July 1 1922
Ripley & Mill Creek 1st M g gu p & l (end).---FP.c* & r	13	1888	1,000	50,000	6 g	F & A	E W Clark & Co, Phila	Aug 1 1908
Ohio River & Western—1st mortgage \$600,000 g.---F	111	1903	1,000	600,000	4 g	M & S	No interest ever paid.	Sept 1 1953
Oklahoma Central—1st M \$10,000,000 redeem (text).---c*	---	1905	1,000	See text.	5 g	J & D	U S M & T Co, NY; & Chl	Dec 1 1945
Old Colony—Stock 7% guaranteed by rental.---c*	---	---	100	18,371,400	7	Q—J	Office, Boston	Oct 1 '06 1 3/4 %
Bonds not mortgage.---r	---	1888	1,000	4,000,000	4	J & J	do	Jan 1 1938
Bonds not mortgage (authorized \$3,000,000) g c* & r	---	1894	1,000 & c	3,000,000	4 g	F & A	do	Feb 1 1924
Bonds not mortgage.---c & r	---	1895	1,000 & c	5,598,000	4	J & D	do	Dec 1 1925
Bonds Clinton F & N B mortgage.---NB.c*	125	1880	1,000	1,912,000	5	J & J	New Eng Trust Co, Bost	Jan 1 1910
Bonds not mortgage.---c & r	---	1902	1,000 & c	1,000,000	3 1/2	J & J	Treasurer's Office, Boston	July 1 1932
Omaha Bridge & Terminal Ry—1st M (\$5,000,000)---	21	1893	1,000	1,563,000	5	J & J	Prov L & Tr Co, Phila	Feb 1 1943
Opelousas G & N E—1st M \$5,000,000 g gu (text) Me---	---	1906	1,000	See text	5 g	M & S	Mercantile Trust Co, N Y	Mar 1 1956
Oregon & Cal—1st M gold drawn at 100 gu p & l. Un.c*	670	1887	1,000	18,235,000	5 g	J & J	South Pacific Co, N Y	July 1 1927
Oregon RR & Navigation—Common stock.---c*	---	---	100	24,000,000	---	---	Office, 120 B'way, N Y	July 2 1898 1 %
Preferred stock 4% non-cumulative.---c*	---	---	100	11,000,000	4 in 1906	J & J	do	July 2 1906 2 %
Consol mortgage (now first) \$24,500,000 gold.---N.c*	1,063	1896	1,000	21,479,000	4 g	J & D	New York & Germany	June 1 1946
Oregon Short Line RR—1st M (Ry Co) gold.---c*	600	1882	1,000	14,931,000	6 g	F & A	120 Broadway, N Y	June 1 1922
Utah & Northern first mortgage (\$12,000 p m).---c*	477	1878	1,000	4,993,000	7	J & J	do	July 1 1908
Cons M guar \$15,000 p m s f not drawn gold. AB.c*	477	1886	1,000	1,802,000	5 g	J & J	do	July 1 1926
Cons 1st M \$36,500,000 gold (1st M on 400 m).---G.c*	1,479	1897	500 & c	12,328,000	5 g	J & J	do	July 1 1946
Ref M \$100,000,000 g gu p & l red (text).---Eq.c* & r	---	1904	1,000 & c	See text.	4 g	J & D	do	Dec 1 1929
Income bonds Series A 5% non-cumulative.---OB	---	1897	500 & c	7,185,000	5 % in Sept	pt 1905	do	July 1 1946
do Series B non-cumulative.---Mo	---	1897	500 & c	14,841,000	4 in 1905	Oct	do	July 1 1946
Oregon & So E—1st M \$300,000 gold red 110 s f.---Ta	---	1902	500 & c	300,000	5 g	A & O	Trust Co. of Amer, N Y	April 1 1922
Oswego & Syracuse—Stock 9% guaranteed D L & W.---	35	---	50	1,320,400	9	F & A	20 Del Lack & West RR, NY	Aug 20 1906
Consolidated mortgage (guaranteed by D L & W).---	35	1876	1,000	438,000	7	M & S	do	Mar 1 1907
Construction mortgage guaranteed (for \$1,000,000) F	35	1883	1,000	668,000	5	M & N	do	May 1923
Overton County—1st mortgage \$250,000 gold.---C.c*	20	1905	1,000	250,000	5 g	J & J	Colonial Tr & S Bk, Chlc	Oct 1 1945
Owensboro & Nashville—1st mortgage gold.---Ce.c*	88	1881	1,000	1,200,000	6 g	M & N	71 Broadway, New York	Nov 1 1931

**OHIO RIVER & WESTERN RY.**—Owns Bellaire, O., to Mill Run, O., 111 miles; made standard gauge in 1904; trackage to Zanesville, 1 m. In Sept. 1906 acquired "county railway" at Zanesville, 9 miles. Also owns majority stock of International Coal Co., holding 25,000 acres adjoining road. Successor Jan. 1 1903 to Bellaire Zanesville & Cincinnati RR. In 1905 control reverted to the original owners, including S. L. & W. C. Mooney of Woodfield, O. V. 80, p. 163, 473, 600, 1913. Stock, com., \$3,000,000; pref., 6% non-cum., \$2,000,000; par, \$100. V. 76 p. 48, 102.

**LATEST EARNINGS.**—8 mos., 1905-06, Gross, \$155,824; net, \$23,974 July 1 to Feb. 28. 1904-05, Gross, 135,159; net, 24,249 In year ending June 30 1905, gross, \$200,060; net, \$45,093.—(V. 79, p. 2206; V. 80, p. 163, 473, 600, 1913.)

**OKLAHOMA CENTRAL RR.**—Under construction from Lehigh, I. T., to Chickasha, 132 miles, of which Lehigh to Ada, 40 miles, completed Oct. 1 1906. Stock authorized, \$10,000,000 (par of shares, \$100), of which \$2,640,000 to be issued on 132 m.; to be held until 1910 in voting trust composed of directors. Of the bonds, \$20,000 per mile under construction have been sold. Bonds are subject to call at par until Dec. 1 1906, thereafter at 105; the Western Trust & Savings Bank of Chicago is mortgage trustee. See statement, V. 82, p. 752. Pres., Dorset Carter, Lehigh, I. T.; Sec. and Treas., W. G. Walling.—(V. 82, p. 752.)

**OLD COLONY RR. (MASS.)**—Owns road from Boston to Provincetown, Mass., Newport, R. I., &c., 518 miles; leases 101 miles.

**LEASE.**—In 1893 leased to New York New Haven & Hartford for 99 years. Of the stock, \$6,896,700 was June 30 1906 held by the lessee. The lease provides for dividends of 7% per annum on stock not exchanged. V. 56, p. 247, 374. Stock authorized, \$20,000,000. On June 22 1904 \$462,500 stock was sold to retire \$750,000 bonds maturing July 1 1904 and \$175,000 floating debt. V. 78, p. 1962, 2335, 2443. On May 2 1906 \$500,000 additional stock was sold to acquire Nantasket Beach RR. and for improvements, raising amount issued to \$18,371,400. V. 82, p. 870, 1041.—(V. 81, p. 1849; V. 82, p. 693, 870, 1041.)

**OMAHA & DENVER SHORT LINE RR.**—Projected from Omaha, Neb., to Denver, Col., about 500 miles. Incorporated in Colorado in 1906. In October 1906 surveys and rights of way were under way. Contracts for work are to be let in spring of 1907. Stock authorized, \$12,500,000; par of shares, \$100. H. B. Hollins & Co. are promoting the enterprise. V. 83 p. 94.

**OPELOUSAS GULF & NORTHEASTERN RR.**—Projected from Opelousas, La., northeasterly to a point at or near the Mississippi River, and southwesterly from Opelousas to the Gulf of Mexico. Of the line, 60 miles from Melville to Crowley are under construction. Stock authorized, \$2,000,000; par of shares, \$25. Bonds authorized, \$20,000 per mile, will be guaranteed by Texas & Pacific as issued. V. 82, p. 98; V. 83, p. 688. Pres., C. E. Satterlee; Sec., P. B. Berts. Office, Opelousas, La.—(V. 82, p. 98; V. 83, p. 688.)

**ORANGE & NORTHWESTERN RR.**—Newton to Orange, Tex., 61 miles. In Oct. 1905 under construction from Buna to Newton, 31 m. Stock authorized, \$400,000; outstanding, \$35,000. Acquired by the St. Louis & San Francisco RR. V. 82, p. 510, 870. In April 1902 the Railroad Commissioners of Texas approved the issue of \$23,000 bonds per mile on 30 miles. Bonds outstanding Dec. 1904 \$420,000 1st 5% due Sept. 15 1933. For year ending June 30 1905, gross, \$60,237; net, \$8,237.—(V. 82, p. 510.)

**OREGON & CALIFORNIA RR.**—(See Map Southern Pac.)—Portland, Ore., to California State line, 367 m.; Albany Jet. to Lebanon, 12 m.; Portland to Corvallis, 97 m.; Woodburn to Natron, 93 m.; Portland, Ore., to Alrice, Ore., and branch, 85 m.; Mohawk Jet. to Wendling, 16 m.; trackage, 2 miles. Total, 672 miles.

**LEASE, &c.**—Leased to Southern Pacific Co. for 34 years from August 1 1893, the lessee guaranteeing int. on the bonds and the lessor receiving any net profit and being charged with any deficit after payment of charges. Bet-terments are payable by lessor. Southern Pacific owns all but \$75,000 of the \$19,000,000 stock, \$12,000,000 of which is 7% pref. V. 72, p. 287. Due Southern Pacific June 30 1905, \$6,794,812.

**BONDS.**—Land grant acreage unsold June 30 1905, \$2,339,678, part being covered by the mortgage, proceeds of land sales going to redeem bonds (subject to call at par). The Southern Pacific guaranty of principal and interest is printed on each of the 5 per cents. In 1904-05 net land sales subject to mortgage were \$107,037. See V. 63, p. 754.

**EARNINGS.**—Year ending June 30 1905, gross, \$4,390,401; net, \$391,536; int., taxes, &c., \$1,322,436.—(V. 79, p. 2457; V. 80, p. 2220.)

**OREGON RAILROAD & NAVIGATION.**—(See Map Union Pac.)—East Portland, Ore., to Huntington, Ore., 403 m.; Umatilla, Ore., to Spokane, Wash., 227 m.; branches owned, 445; leases Snake River Valley RR., Wala-wala to Grange City, Wash., 66 m.; other, 2 m.; total, 1,143 miles, of which 13 narrow-gauge; river division water lines, 258 miles. Ocean line to San Francisco, 660 miles. In July 1905 a branch from Arlington to Condon, Ore., 46 miles, was opened. In Nov. 1905 an extension from St. Johns, Ore., to at or near Troutdale was proposed. Snake River RR. is building from Riparia, Wash., to Lewiston, Ida., 72 miles, to be completed by Jan. 1907. Branch from Elgin, Ore., to Joseph, 63 miles, is under construction.

**ORGANIZATION.**—Organized in July 1896, per plan in V. 61, p. 325 and V. 62, p. 41. Controlled by Union Pacific Ry., directly and through Oregon Short Line. Owns \$700,000 1st 5% (entire issue) of Columbia Southern Ry., Biggs, Ore., to Shaniko, 71 miles. V. 73, p. 1363.

**STOCK.**—In July 1905 all except \$20,210 com. and \$10,234 pref. stock was owned by Un. Pac. system, being mostly deposited under Ore. Short Line refunding 4s of 1904. V. 70, p. 177; V. 80, p. 1913.

**DIVIDENDS.**—On preferred: 1897, 2%; 1898 to July 1906, both inclu-sive, 4% yearly. On common paid 1% July 2 1898.

**BONDS.**—Consol. 4s (abstract V. 63, p. 928), cover all property. Of the \$24,500,000 authorized, the bonds unsold are mostly reserved for the con-struction of additional road at the rate of not more than \$20,000 per mile of constructed road. V. 74, p. 206.

**REPORT.**—Report for 1899-1900 in V. 71, p. 960; none since.—(V. 72 p. 45, 184; V. 74, p. 884; V. 75, p. 290; V. 80, p. 1913.)

**OREGON SHORT LINE RR.**—(See Map Un. Pac.)—Granger, Wyo., to Huntington, Ore., 542 miles; branch to Ketchum, Ida., 70 m.; Ogden to Mc-Cammon, Ida., 111 m. Pocatello to Silver Bow, Mont., 256 m.; Cache Jct. Ida., to Preston, Utah, 42 m.; Ogden, Utah, to Sandy, 50 m.; sundry branches, &c., 186 m.; Butte to Garrison, Mont., 57 m., owned, but oper. by Nor. Pac.; trackage, 11 m.; total, June 30 1905, 1,325 miles.

On July 7 1903 the portion of the main line from Salt Lake City, Utah, to Callentes, Nev., 340 m., with some branch mileage and additional completed road south of Callentes, 512 m. in all, was taken over under purchase by San Pedro Los Angeles & Salt Lake Ry., the Ore. Short Line acquiring a half inter-est in the San Pedro L. A. & S. L. V. 79, p. 1705. V. 76, p. 919, 1356; V. 77, p. 38. Branch from Mindoka to Twin Falls, Ida., 60 m., was opened July 29 1905; also branch under construction from Garland, Utah, to Malad City, Ida., 32 m. Contract for branch from St. Anthony, Ida., to Yellow-stone Park, 75 miles, was let in Oct. 1905.

**HISTORY.**—Successor March 16 1897 of the Oregon Short Line & Utah Northern Ry foreclosed per plan in V. 62, p. 504, 505. Controlled by Un. Pac., which holds nearly the entire capital stock and the greater part of the Income A and B bonds. V. 75, p. 1032.

**CAPITAL STOCK.**—Authorized, \$27,460,100, of which Union Pacific RR. Co. has acquired \$27,450,100. V. 68, p. 188, 381, 474.

**BONDS.**—Of the \$36,500,000 first consols, \$22,029,000 are reserved to retire at maturity the loans not disturbed.

Series A Income, non-cumulative 5 per cents, have received: In Sept. 1897, 4%; Sept. yearly since, the full 5%, at Guaranty Trust Co., New York, or Old Colony Trust, Boston. V. 69, p. 492.

Oregon RR. & Navigation stock, viz., \$16,281,400 common and \$976,900 preferred is owned and pledged as special security for the Series B incomes, but dividends thereon are to go to the Short Line company except as needed to pay to Series B their full interest. In Oct. 1898 3% and in Oct. 1899 to 1905, inclusive, 4% yearly was paid on the Series B incomes. V. 65, p. 572; V. 66, p. 1141.

The Union Pacific owns \$6,751,000 of the \$7,185,000 Income "A" bonds and \$14,788,000 of the \$14,841,000 "B" bonds. V. 70, p. 176.

The ref. gold guar. 4s (collat. trust) of 1904 (authorized issue, \$100,000,000) are subject to call at 102 1/2 on and after Dec. 1 1907. The bonds were se-cured by pledge of the following stocks: \$5,000,000 Northern Securities; \$18,000,000 pref. and \$90,000,000 com. Sou. Pac. and \$10,000,000 pref. and \$20,000,000 com. Ore. RR. & Nav. The collateral may be replaced by other of equal value. Of the bonds, \$45,000,000 has been sold, the remaining \$55,000,000 being held in Union Pacific treasury. See abstract of mort-gage, V. 80, p. 2403. V. 79, p. 2086; V. 80, p. 1913.

The 4% & participating gold bonds were called for payment Feb. 1 1905 Financial Office, 120 B'way, N. Y. City.—(V. 80, p. 2399; V. 81, p. 31.)

**OREGON & SOUTHEASTERN RR.**—To extend from Cottage Grove Ore., to the Bohemia Mining District, 36 miles, of which Cottage Grove to Wildwood, 20 m., completed in Oct. 1906; branches, 4 m.; total, 24 m. Ex-tension from Wildwood to Bonita, 6 m., will be completed in summer of 1907. Stock authorized, com., \$500,000; pref., 7% cum., \$500,000; out-standing, \$400,000 of each; par of shares, \$100. Pref. is subject to call. Bonds, see table. Pres., G. B. Hengen, 15 William St., N. Y.—(V. 75, p. 135.)

**OSWEGO & SYRACUSE RR.**—Owns from Oswego, N. Y., to Syracuse, N. Y., 35 miles. Leased in 1869 during length of charter and renewal thereof to the Delaware Lackawanna & Western RR. Co. for 9% per year on \$1,320,400 stock and interest on bonds.

**OVERTON COUNTY RR.**—Owns Algood, Tenn., on Tenn. Cent. RR., to Livingston, 20 miles, completed March 1906. Extension easterly to Junc-tion City, Ky., on the Cin. New Or. & Tex. Pac., 76 miles, under construc-tion. Stock authorized, \$250,000, to be increased to \$2,500,000. Bonds, see table above; trustee, Colonial Trust & Savings Bank, Chicago. V. 81, p. 727. Pres., H. E. Overstreet; Treas., E. C. Knight, Livingston, Tenn.—(V. 81, p. 727; V. 82, p. 569; V. 83, p. 626.)

**OWENSBORO & NASHVILLE RY.**—Owns from Owensboro, Ky., to Adairville, Ky., 84 miles; Mud River Branch, 4 m. Operated by Louisv. & Nashv. RR., which owns the \$1,156,525 stock (par, \$100) and the \$1,200,000 1st mtgc. bonds—all these bonds and most of the stock being pledged under its trust deeds.

**OZARK & CHEROKEE CENTRAL RY.**—(See Maps Rock Island Co.)—Owns Fayetteville, Ark., to Okmulgee, I. T., 144 miles, including steel bridge over Arkansas River.

Stock, \$9,000,000, of which \$2,880,000 is issued and owned by the St. Louis & San Francisco, which operates the road as part of its Central division and guarantees bonds, principal and interest. The \$120,000 unissued bonds are reserved to retire the \$100,000 Muskogee City Bridge bonds. See V. 76, p. 865, 919 V. 78, p. 703 2335.—(V. 80 p. 1424.)

**PAN AMERICAN RR. (MEXICO-GUATEMALA).**—Projected from San Geronimo, Mex., on the National Tehuantepec RR., southeasterly to the Guatemala border, about 300 miles, with connections to the City of Guate-mala, of which 200 miles completed in Mar. 1906; balance to be in about 18 months. Mexican Gov't subsidy about \$10,000 gold per mile. Stock au-thorized, \$10,000,000; outstanding, Apr. 1906 \$1,084,600. Bonds author-ized, \$12,000 per mile of main track, but limited by supplemental mtgc. to \$8,000 per mile until the net earnings are double the interest charge on the entire authorized amount. In 1906 \$1,000,000 bonds were sold. Pres., D. P. Doak, San Francisco, Cal.—(V. 82, p. 693; V. 83, p. 213, 436.)

**PANAMA RR**—See page 170

**PATERSON & HUDSON RIVER.**—Owns from Marlon, Jersey City, N. J. (south of Bergen Jct.), to Paterson, N. J., 14 mile double track. Leased in perpetuity at \$48,400 per year for road, \$5,000 for land in Jersey City and taxes, to Erie RR., forming part of main line.

**PATERSON & RAMAPO RR.**—Owns from Paterson, N. J., to New York State Line, 14 miles, double track, part of main line of Erie RR., to which leased Sept. 1852 during legal existence, at \$20,500.

**PECOS VALLEY & NORTHEASTERN RY.**—(See Map Atch. Top. & Santa Fe.)—Owns from Pecos City, Tex., to Amarillo, Tex., 370 miles. In Dec. 1900 the Atch. Top. & Santa Fe acquired over 97% of the \$2,916,000

RAILROADS. For explanation of column headings, &c., see notes on first page of tables.	Miles of Road.	Date of Bonds.	Size, or Par Value.	Amount Outstanding	INTEREST OR DIVIDENDS.			Bonds—Principal, When Due Stocks—Last Dividend.
					Rate %	When Payable.	Where Payable, and by Whom.	
Ozark & Cher Cent—1st M gold guar p & l red par...N	144	1903	\$1,000	\$2,880,000	5 g	A & O	New York Trust Co, N Y	Oct 1 1913
Musk Cy Bridge 1st M g Int rent red 105 beg '07 SSt c*	---	1902	1,000	100,000	5 g	J & J	St Louis Union Tr, St L	July 1 1942
Pan-Amer RR (Mex-Guat)—1st M (text) red 105...c*	---	1903	1,000	1,000,000	5 g	J & J	Amer Tr & Sav Bk, Chic	Jan 1 1934
Panama—Stock	50	---	100	7,000,000	See text.	---	24 State St, New York	Feb 1 1905 5 %
First M \$4,000,000 s f gold red at 105 (text)...Ce.c*	50	1897	1,000	2,144,000	4 1/2 g	A & O	do do	Oct 1 1917
Subsidy bonds gold drawn at 100 (V 64, p 705)...c*	50	1880	1,000	271,000	6 g	M & N	do do	Nov 1 1910
Paterson & Hud Riv—Stock 8 % rent N Y L E & W	14	---	50	630,000	8	J & J	Paterson, N J	July 1906 4 %
Paterson & Ramapo—Stock (rental guaranty)...	14	---	---	298,000	8	J & J	do do	July 1906 4 %
Pemigewasset Valley RR—Stock (rental guaranty)...	---	---	100	541,500	6	F & A	Treas Off, Concord, N H	Aug 1906 3 %
Pennsylvania RR—Stock \$400,000,000...Tr	---	---	50	305,991,650	6 in 1905	M & N 31	Office, Philadelphia	May 31 1906 3 %
General mortgage bonds \$1,000 and £200 each...c&r	857	1867	\$ or £	19,997,820	6	See x	Office, Phila & London	July 1 1910
Cons mort of Gold registered bonds...r	857	1879	1,000	3,498,000	5 g	Q—M	Office, Philadelphia	Sept 1 1919
1873 secures Gold coupon bonds...c	857	1879	1,000	1,500,000	5 g	M & S	do do	Sept 1 1919
all equally. Gold coupon s f 1 % not drawn...c*	857	1893	1,000	2,741,000	4 g	M & N	Farmers L & Tr Co, N Y	May 1 1943
Sterling (s f in 1900) not drawn...c&r	857	1895	£200	4,850,000	3 1/2 g	J & J	J London, England	July 1 1945
Bonds (P W & B stock as collateral)...	---	1881	1,000	7,702,000	4	J & J	J Penn Co for Ins, &c, Phil	July 1 1921
Collateral trust loan gold not drawn...c*	---	1883	1,000	9,900,000	4 1/2 g	J & D	Provident L & T Co, Phil	June 1 1913
Gold bonds redeemable (text) convertible...GP.c*	---	1902	500 &c	20,211,500	3 1/2 g	M & N	N Amer Ex Bk, NY; & Phil	Nov 1 1912
do do do do do do...c&r	---	1905	500 &c	99,628,000	3 1/2 g	J & D	Am Ex Bk, N Y, Phil, &c	Oct 1 1915
Sunb Haz & Wlk 1st Serles A drawn at 100...c	43	1878	100 &c	1,000,000	5	M & N	Broad St Station, Phila	May 1 1928
Second mortgage income...c&r	43	1878	100 &c	1,349,500	6	M & N	do do	May 1 1938
Sun & Lewis 1st M \$600,000 p & l gold...GuP.c*	56	1896	1,000	500,000	4 g	J & J	do do	July 1 1936
Westchester first mortgage assumed...c	5	1879	100 &c	75,000	5	M & S	Broad St Station, Phila	Sept 1919
West Pa consol mortgage gold assumed...PIP.c*	138	1888	1,000	4,000,000	4 g	J & D	do do	June 1 1928
River Front first mortgage assumed...c	4.62	1882	1,000	212,000	4 1/2	M & N	do do	May 1 1912
Allegheny Valley first mortgage guar Penn RR...c	262	1869	\$ & £	9,998,000	7	A & O	Penn RR Co, Phila; & Lon	April 1 1910
Mortgage to State of Pa \$100,000 due Jan 1 yearly...r	262	1869	100,000	300,000	5	J & J	Treasurer, Philadelphia	Jan 1 1907, &c
Gen M (\$20,000,000) gold guar p & l...FPi.xc*&r	262	1892	1,000	7,250,000	4 g	M & S	Pennsylvania RR Co, Ph	Mar 1 1942
Southwest Penn 1st M s f \$5,000 yearly not drawn...r	131	1877	1,000	862,000	7	F & A	Broad St Station, Phila	Feb 1 1917
Pitts Va & Ch 1st M gold guar p & l...GP.c*&r	---	1904	1,000	6,000,000	4 g	M & N	N New York and Phila	Nov 1 1943
Equip trust gold bonds (s f 5 %) not drawn...c*	---	1880	1,000	2,728,000	4 g	M & S	Glard Trust Co, Phila	Sept 1 1914
Penn rolling stock trust gold \$300,000 paid each A & O	---	'98-'99	1,000	1,800,000	3 1/2 g	Q—J	do do	Oct 1907-1909
Penn car trust gold \$300,000 paid yearly...c	---	1899	1,000	900,000	3 1/2 g	Q—F	do do	Nov 1907-1909
Penn car trust gold \$700,000 paid yearly...c	---	1900	1,000	2,800,000	3 1/2 g	Q—F	Glard Trust Co, Phila	Feb 1907-1910
Penn equipment trust gold \$200,000 paid yearly...c	---	1900	1,000	1,000,000	3 1/2 g	Q—M	Commercial Trust Co, Ph	Dec 1906-1910
x On coupon bonds J & J on registered bonds A & O	a in	cludin	g	\$293,700	bonds	held	alive	in sinking fund.

bonds (50-year gold 5s of 1948) and 97 % of the common and preferred stocks (33,162,000 each). Operated from July 1 1906 as a part of the Atch. Top. & S. Fe system. V. 72, p. 88, 137; V. 73, p. 736.

REPORT.—Year 1904-05, gross, \$893,617; net, \$344,568; other income, \$135,736; total deductions, \$360,137.—(V. 73, p. 900.)

PEMIGEWASSET VALLEY RR.—Plymouth, N. H., to Lincoln, N. H. 23 miles. Leased to Concord & Mont. for 6 % on stock; oper. by Bost. & Me

PENNSYLVANIA RR.—(See Map.)—The system, as shown on the adjoining map, extends from New York City westerly, via Philadelphia, to Pittsburgh, Erie, Cleveland, Toledo, Chicago and Burlington on the north, and to Washington, Cincinnati, Louisville and St. Louis on the South. The total system on Jan. 1 1906 aggregated 11,011 miles, of which 3,764 miles represents the mileage operated directly under the caption "the lines east of Pittsburgh and Erie," and 2,867 miles the mileage operated directly under the caption "the lines west of Pittsburgh and Erie," the latter being more fully described under the title Pennsylvania Company and Pittsburgh Cincinnati Chicago & St. Louis. The other lines are operated independently.

East of Pittsburgh and Erie.		Miles.	
Main Line and Branches—		Other lines (incl. D.&R. Canal	
Phila. to Columbia, Pa.	81	66 m., and ferries, 2 m.)	439
Phila., Pa., to New Boston, &c.	290	Total in Penn. RR. statistics	3,764
Harrisburg, Pa., to Pitts., Pa.	248	Trackage	143
Branches and spurs	569	REPORTED SEPARATELY—	
Total main line and branches	1,188	Phila. Balt. & Washington	702
Lines oper. by lease or contract—		Northern Central Ry*	450
Har. Ports, Mt. Joy & Lan. RR.*		West Jer. & Seash. RR.*	331
Dillersville to Harrisb., Pa., &c.	53	Cumberland Valley RR.*	163
United New Jer. RR., Trenton		Long Island*	392
to Jersey City, &c.	146	Balt. Ches. & Atlantic Ry	88
Phila. & Trenton RR.*	26	Grand total east of P. & E.	6,033
Allegheny Valley Ry.*	262	West of Pittsburgh & Erie.	
West. New York & Penn.*	549	REPORTED DIRECTLY—	
Connecting Railway*	37	Pitts. Cln. Chic. & St. Louis*	1,521
Lines operated under contract—		Pennsylvania Company lines*	1,340
Bald Eagle Valley RR.*	94	Total reported directly	2,861
Cambria & Clearfield RR.*	392	REPORTED SEPARATELY—	
Southwest Pennsylvania Ry.*	131	Grand Rapids & Indiana lines*	575
Belvidere Delaware RR.*	81	Vandalla RR.*	928
Phila. & Long Branch RR.	49	Other lines (see Pa. Co. statem't)	614
Delaware Riv. RR. & Bridge*	10		
Phila. & Erie RR.*	307		

\* See each company's statement.

Total system Jan. 1 1906...11,011

ORGANIZATION, LEASES, &c.—The charter of the Pennsylvania RR. was dated April 13 1846. The Pennsylvania Company controls all the lines west of Pittsburgh and Erie, the Pennsylvania RR. Co. holding all its stock. In Sept. 1906 about half of the interest in the stock of the Balt. & Ohio and Norfolk & Western, mostly acquired in 1900-01, was sold, and sale of the remaining interest in the two roads and of the large interest in the Ches. & Ohio was reported to be under consideration. See V. 83, p. 562. In 1900 acquired most of the stock and income bonds of the Western N. Y. & Penn. Ry. V. 72, p. 481.

The Western New York & Pennsylvania Ry. and the Allegheny Valley Ry. were taken over under lease in 1900. In May 1900 purchased a majority of the Long Island RR. stock. V. 72, p. 481. On April 1 1902 Schuykill & Juniata was merged. V. 76, p. 484. The Western Pennsylvania and other roads connecting with the main line were merged April 1 1903 and the Pitts burgh Va. & Charleston in 1905. V. 76, p. 486, 594; V. 80, p. 1112. The stockholders voted Mch 13 1906 to purchase the Allegheny Valley Ry., South West Pennsylvania Ry. and York H. & Row. RR. V. 82, p. 453 629

SECURITIES OWNED.—The total cost of these to Jan. 1 1906 was \$236,604,457, many of which are pledged to secure Pennsylvania issues. Revenue derived from these securities in 1905, \$10,018,036.

DIVS. '84. '85. '86. '87. '88. '89. '90. '91. '92. '93-99 1900 to May '06 P'r Ct. 7 5 5 5 1/2 5 5 5 1/2 6 6 5 y'rly 6 % yearly. In 1893 paid also 2 % in scrip.

STOCK.—In 1901 the authorized capital stock was increased by \$100,000,000 to \$251,700,000.

The stockholders voted on March 10 1903 to authorize an increase in the stock from \$251,700,000 to \$400,000,000, to be made from time to time in the discretion of the directors. Of the stock, \$20,980,350 was issued April 1903 in exchange for convertible debentures. (See below.) In 1903 sold \$75,094,750 new stock at \$60 per \$50 share. V. 76, p. 383, 488, 594, 706, 1193; V. 77, p. 37, 770. In 1905 \$1,106,650 stock was being issued in exchange for the Southwest Pennsylvania Ry. minority stock per terms in V. 80, p. 2458, and in 1906 \$2,980,000 stock in exchange for the \$5,296,750 Allegheny Valley minority pref. stock at the rate of \$56 25 Penn. stock for \$100; over 90 % of said pref. having assented. V. 81, p. 1493; V. 82, p. 752.

BONDS.—Consolidated mortgage of 1873, see "Supplement" of Oct. 1901. The 4 % loan of 1881 is secured by Phila. Wilm. & Balt. stock. For gold 3 1/2 % of 1902 see "General Finances." Mortgages and ground rents payable Dec. 31 1905 \$3,202,827. V. 77, p. 1875; V. 78, p. 103.

In 1902 were issued \$50,000,000 10-year 3 1/2 % gold bonds, dated Nov. 1 1902, of which \$29,520,000 were converted in April 1906 into stock at \$70 per share and balance are convertible at holder's option at \$70 per share on any int. day, on 30 days' notice; they may be called for redemption at 102 1/2 and interest on any interest day, but if called may be converted on basis above stated. See V. 74, p. 577.

In 1905 stockholders subscribed at par for part of \$100,000,000 of 3 1/2 % gold bonds, the balance being taken by a syndicate. The bonds are (since Dec. 1 1905) convertible at option of holder at any time into stock at \$75 per \$50 share unless previously called for redemption on Dec. 1 1910, or at any subsequent int. period on 90 days' notice, at par and int.; but when

so called they may be converted up to 30 days prior to the date named in said notice for redemption. A part of the proceeds was used to retire the \$27,480,000 6 % bonds maturing June and July 1905; balance for improvements. See V. 80, p. 1112, 1236, 1913; V. 81, p. 1437.

GENERAL FINANCES.—In 1901 obtained control of the Pennsylvania and Cambria Steel cos. See "Industrial cos." and V. 72, p. 1280; V. 82, p. 805.

In 1904 the company was actively constructing a passenger electric tunnel railroad from Jersey City under the North River to a central passenger station at 33d St. and 7th Ave., New York City, and thence under the East River to a connection with the Long Island RR. In Long Island City. Completion of the work, estimated to cost about \$40,000,000, will take several years. The tunnel will afford entrance into New York City for the Pennsylvania RR. and Long Island RR. and permit the sending of through trains by rail direct from the South and West to all points in New England via the bridge from Mott Haven to Long Island, which is to be built by the New York Connecting RR.; see V. 71, p. 913; V. 72, p. 1280; V. 73, p. 1264; V. 74, p. 380, 478, 831, 884, 1308; V. 75, p. 1203, 1302, 1355; V. 82, p. 1269; V. 83, p. 626, 891.

In June 1906 an issue of 250,000,000 francs French loan (Penn. Co. guaranteed 3 1/2 % bonds) was sold, the proceeds with other amounts available to be used to pay for equipment costing \$42,000,000 and completion of the water supply system.

Statement of President Cassatt in June 1906 showing application of capital expenditures since 1900, results and future requirements, was in V. 82, p. 1439, 569.

In Sept. 1906 about half of the company's holdings in Balt. & Ohio and Norf. & West. stock were sold, realizing, it was supposed, about \$50,000,000. V. 83, p. 562.

New bond issues of subsidiary companies in 1903-06 include in part:

Phila. Balt. & Wash. 4s-\$10,000,000	Penn. Co. French fr. loan	\$50,000,000
Long Island RR. 4s, guar 22,408,000	Pitts. Va. & Charl. 4s, gu.	6,000,000
Penn. Co. 4 1/2 % gu. notes 50,000,000	Pitts. Cln. Chi. & St. L.	10,000,000
Penn. Co. 3 1/2 % gu. tr. cts 15,000,000	Vandalla RR.	10,000,000
Penn. Co. 4 % bonds	Washington Terminal Co	10,000,000
In June 1903 allied interests purchased \$6,924,200 of the \$11,000,000 Hocking Valley Ry. common stock; see that co. V. 77, p. 1225.		

LATEST EARNINGS.—Jan. 1 to Aug. 31 (8 months), directly operated: Lines east of Pittsburgh } 1906 Gross, \$95,346,313; net, \$28,513,924 and Erie. } 1905 Gross, 84,673,613; net, 23,482,224 Lines west of P. and E., inc. Gross, 5,873,400; net, 2,058,600

ANNUAL REPORT.—Fiscal year ends Dec. 31. Annual meeting is held at Philadelphia on second Tuesday in March. The report for 1905 was given at length in V. 82, p. 506, 514; see also editorial p. 537.

EARNINGS ON ALL LINES BOTH EAST & WEST OF PITTS. & ERIE

Year ending Dec. 31—	1905.	1904.	1903.
Gross earnings	\$266,069,597	\$238,242,402	\$242,517,758
Net earnings	73,969,249	66,784,708	67,138,320

REPORT OF PENNSYLVANIA RAILROAD COMPANY.

Year ending Dec. 31—	1905.	1904.	1903.
Miles operated	3,764	3,748	3,724
Gross earnings	\$133,921,993	\$117,198,414	\$121,942,568
Net earnings	\$40,531,582	\$35,395,526	\$37,169,512
Int. on Pa. RR. investments	10,018,026	9,864,534	9,462,569
Int. on United N. J. securities	267,963	261,498	221,482
Int. for use of equipment	371,913	434,858	421,537
General int. and miscellaneous	1,067,604	853,374	637,373
Rents	311,411	946,756	683,851
Gross income	\$52,568,499	\$47,756,546	\$48,598,324
Deduct—Rentals	\$12,346,754	\$11,202,965	\$12,097,233
Interest on funded debt	5,489,947	5,274,448	5,570,974
Interest on stock allotment	---	114,366	100,210
Int. on mtges. and ground rents	1,237,277	214,208	197,059
Car trust payments	59,571	4,210,571	3,581,049
Interest, general account	4,085,224	---	---
Equip't trust loan slnk. fund	136,400	136,400	136,400
State taxes and miscellaneous	2,360,048	1,861,958	2,091,506
Total	\$25,715,221	\$23,014,916	\$23,774,431
Balance	\$26,853,278	\$24,741,630	\$24,821,893
Payments to trust funds	\$182,969	\$181,142	\$149,424
Consol. mortgage redeemed	126,450	401,530	401,810
Extraordinary expenses	8,429,881	6,225,923	9,477,728
Balance to credit of income	\$8,739,300	\$6,808,595	\$10,028,962
Dividends (6 %)	\$18,113,978	\$17,933,035	\$14,792,931
To credit of profit and loss	---	---	---
Bal. profit and loss Dec. 31	\$24,725,484	\$24,725,484	\$24,742,225

OFFICERS.—Pres., A. J. Cassatt; 1st V.-P., John P. Green; 2d V.-P., Charles E. Pugh; 3d V.-P., Samuel Rea; 4th V.-P., J. B. Thayer Jr.; 5th V.-P. and Treas., Henry Tatnall; Sec., Lewis Nelson. N. Y. office, 85 Cedar St.

Directors.—Alexander M. Fox, N. Parker Shortridge, Rudolph Ellis, Alexander J. Cassatt, Clement A. Griscom, Amos R. Little, William H. Barnes, Geo. Wood, C. Stuart Patterson, Effingham B. Morris, Thomas DeWitt Cuyler, Jas. McCrea, Lincoln Godfrey, John P. Green, Charles E. Pugh, Sutherland M. Prevost (dec'd), Samuel Rea.—(V. 83, p. 626, 891.)

PENNSYLVANIA COMPANY.—(See Map Pennsylvania RR.)—Operates under lease or otherwise all the system of the Pennsylvania Railroad west of Pittsburgh. Owns no road in fee.

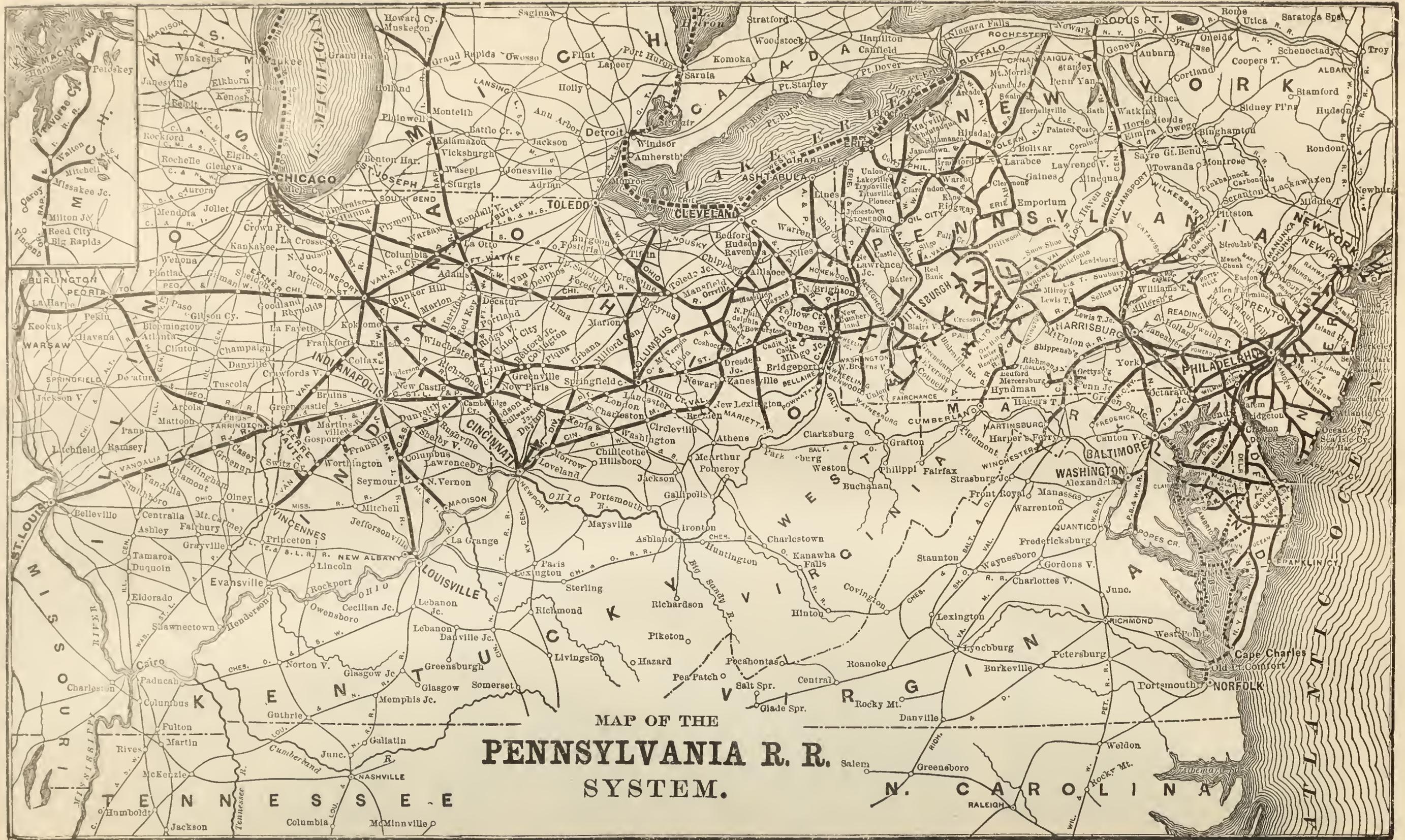


Table with columns: RAILROADS, Miles of Road, Date of Bonds, Size, or Par Value, Amount Outstanding, INTEREST OR DIVIDENDS (Rate %, When Payable, Where Payable, and by Whom), Bonds—Principal, When Due, Stocks—Last Dividend.

Table with columns: Leased by transfer from Pa. RR., Controlled by stock &c., Miles. Lists various lines like Plttsb. Ft. W. & Chicago, Massillon & Cleveland, etc.

ORGANIZATION.—Chartered in Penn. April 7 1870. Its \$60,000,000 stock is owned by the Pennsylvania Railroad. On Dec. 31 '05 the Penn. Co. owned sundry stocks and bonds having a value as per bal. sheet of \$116,476,675, and yielding from Jan. 1 to Dec. 31 '05 an income of \$6,756,003.

DIV'S.—'92. '93. '94. '95 to '00. '01. '02. '03. '04. '05. 1906. Per cent.—} 4 4 4 None 3 3 4 5 5 June, 3 (s.a.)

BONDS.—The gold bonds of 1921 are secured by leases of P. Fort W. & C., the Cleve. & Plttsb. and Erie & Plttsb. railroads, and of bonds and stocks having a par value in 1881 of \$24,171,630, as well as real estate.

The \$10,000,000 guar. 3 1/2 % trust certificates, Series "D," sold late in 1904, are part of a \$20,000,000 issue to be issued in series and secured by an equal amount of Plttsb. Ft. W. & Chicago guar. stock.

The 3 1/2 % gold loan of 1901 was issued to pay for acquisition of stocks of the Pennsylvania and Cambria Steel companies. They are guar., p. and l., by Penna. RR. and were secured by deposit of \$11,200,000 Pltts. Cln. Chicago & St. Louis pref., \$4,500,000 Norfolk & Western pref. and \$4,500,000 Balt. & Ohio preferred stocks, and are subject to call for redemption Nov. 1 annually by lot at par in 15 equal drawings.

The \$20,000,000 gold loan 4s of 1906, guaranteed, were secured by deposit of \$10,000,000 Balt. & Ohio common stock, \$14,000,000 Pitts. Cln. Chic. & St. L. com. stock and \$4,000,000 Vandalla RR. stock.

On Oct. 1 1905 the \$50,000,000 of 4 1/2 % collateral betterment notes were paid. Car trusts Dec. 1905, \$4,248,935.

The \$50,000,000 guar. 4 1/2 % gold notes of 1906 were secured by \$7,500,000 Vandalla stock, \$11,000,000 Pitts. Cln. Chic. & St. Louis pref. stock, \$7,000,000 Phila. Balt. & Wash. stock, \$9,000,000 Northern Central stock, \$5,500,000 pref. and \$11,500,000 Norfolk & Western common stock and \$6,500,000 Balt. & Ohio stock.

The \$250,000,000 French franc 3 3/4 % guaranteed loan of 1906 is payable, principal and interest, in francs. Denominations 500 and 2,500 francs. V. 82, p. 1439.

REPORT.—Report for year 1905 was in V. 82, p. 1153, showing on 1,520 miles, \$40,596,440; net, \$11,557,652; other income, \$6,756,003; interest, rentals, &c., \$12,259,223; slnk. fund, \$1,656,164; dividend (5%), \$2,000,000; bal., sur., \$2,398,268. In 1904, gross, \$36,390,582; net, \$10,347,220; other income, \$7,120,349. In year 1905, net income, \$6,054,432; in 1904, net income, \$5,187,930.—(V. 83, p. 156, 752, 819.)

PEORIA & BUREAU VALLEY RR.—Peoria to Bureau Jct., Ill., 47 miles. Leased in 1854 to Chicago Rock Island & Pacific RR. for \$125,000 yearly; dividends, usually 8 % yearly, occasionally more.

PEORIA & EASTERN RY.—(See Map Cleve. Cln. Chic. & St. Louis.)—Owns from Pekin, Ill., to Indianapolis, Ind., 202 mi., and has a lien of \$5,000,000 on Springfield Division, Indianapolis to Springfield, Ohio, 141 mi.; trackage, Pekin to Peoria, 9 mi.; total operated, 352 miles.

LEASE, &c.—Formerly Ohio Indiana & Western, sold in foreclosure in 1890, reorganized per V. 49, p. 616. Leased till April 1 1940 to Cleve. Cln. Chic. & St. L., which guarantees interest, but not principal, of the 1st consols and the underlying bonds, and owns one-half the \$10,000,000 stock, par, \$100. See "Supp." of Jan. 1894 as to provisions respecting any surplus over charges. Company owns \$125,000 stock of the Peo. & Pekin Union Ry., on which 6 % yearly was paid 1895-1902 and 5 % in 1905. V. 74, p. 152.

BONDS.—See abstracts of mtgs. of 1890 in V. 51, p. 246, and of O. Ind. & West. mtge., V. 47, p. 201.

INCOMES.—Dividend on incomes 4 % yearly, paid April 1 1902 to 1906, both inclusive, from earnings of preceding calendar year.

EARNINGS.—For 8 mos. ending Aug. 31 1906, gross, \$1,992,376 against \$1,778,636 in 1905.

Table with columns: Cal. year, Gross, Net, Other inc., Charges, Balance. Rows for 1905 and 1904.

PEORIA & PEKIN TERMINAL RY.—See "Street Railway" Section.

PEORIA & PEKIN UNION RY.—Owns Pekin to Peoria, on both sides of Illinois River, and yards at and opposite Peoria. Mileage main track, 18.14; second main track, 8.80; total main track, 26.94 miles. Mileage of side and yard tracks, 67.38. Capital stock, \$1,000,000. Owned by Peoria & East. (Clev. Cln. Chic. & St. L. system), Chic. & North Western, Chic. Peo. & St. L., Ill. Central system, Lake Erie & Western and Tol. Peo. & West. companies. Dividends 1895-1902, 6 % per annum; 1903, 4 %; 1905, 5 %. Earnings for cal. year 1905, gross, \$913,818; net, \$284,908; charges, \$176,530; dividends (5%), \$50,000; bal., sur., \$58,378.—(V. 83, p. 752.)

PERE MARQUETTE RR.—The road includes:

Table with columns: Lines owned—Miles, Other lines, branches, &c.—Miles. Lists various lines like Alexis (near Toledo) to Ludington on Lake Michigan, La Crosse, Ind., to Bay View, Mich., etc.

The Pere Marquette SS. Co. operates car ferries Milwaukee to Muskegon and Ludington and Manistee to Milwaukee, &c.; Marq. & Bes. Dock & Nav.; also on Lake Erie, Rondeau to Conneaut. V. 76, p. 383; V. 78, p. 103.

LEASE, &c.—In 1904 the Cln. Ham. & Dayton acquired \$12,834,450 of the \$16,000,000 com. and \$1,487,800 of the \$12,000,000 pref. stock, and later leased the property for 999 years from March 1 1905, the com. stock being guaranteed 5 % and the pref. stock 4 % dividends. V. 80, p. 163, 998, 1729. In Dec. 1905 the directors of the C. H. & D. voted to annul the purchase of control and the lease of the Pere Mar. In Jan. 1906 the court authorized the receiver to relinquish possession under the lease. V. 81, p. 1791; V. 82, p. 48, 160. Committee to investigate lease (Nathaniel Thayer, Chairman), V. 82, p. 510, 987, 1102.

The Pere Marquette acquired the entire stock of the Chic. Cln. & Louisv by the issue of \$3,500,000 collateral trust bonds, guaranteed by the Cln. Ham. & Dayton, but the bonds were never distributed, and in Jan. 1906 the interest was defaulted. V. 82, p. 49. Suit to cancel mtge. V. 82, p. 752, 805.

The Cln. Ham. & Dayton and the Pere Marquette guaranteed the \$3,500,000 4 1/2 % of the Tol. Ry. & Term. Co., but the Jan. 1906 interest was allowed to default. See Tol. Ry. & Term.

RECEIVERSHIP.—On Dec. 4 1905 Judson Harmon of Cincinnati was appointed receiver of the Pere Marquette and Cln. Ham. & Dayton. V. 81, p. 1666. The receiver obtained authority to issue \$338,360 receiver's certificates to pay the 1906 coupons falling due. The certificates are a lien on the entire property, no mention being made in the orders as to priority over bonded debt. V. 81, p. 1849; V. 82, p. 162; V. 83, p. 38.

On May 4 1906 authority was given to issue \$1,200,000 receiver's certificates to pay taxes for 1902 to 1905, to be a first lien on property in Michigan. V. 82, p. 1041, 1102, 1157.

Stockholders' Protective Committee.—In April 1906 over 71 % of the outstanding pref. and a large amount of the com. stock had been deposited with a committee, Nathaniel Thayer, Chairman; Francis R. Hart, Sec. (Old Colony Trust Co., Boston, and Manhattan Trust Co., N. Y., depositaries). V. 81, p. 1666, 1849; V. 82, p. 49, 987.

ORGANIZATION.—A consolidation in 1899 of Chic. & West. Mich. Ry., Det. Gr. Rap. & West. RR. and Flint & Pere Marq. RR., per plan in V. 68, p. 1024, 1181. A 99-year agreement for trackage with the Mich. Cent. and Can. South. from St. Thomas, Ont., to International Bridge and Niagara, 136 miles, extends the line easterly to Buffalo, from July 18 1904. V. 77, p. 2097; V. 78, p. 2600.

DIVIDEND.—On pref., 1901 to Feb. 1905, both incl., 4 % yearly (F. & A.) On com., 1903, 2 %; 1904, 1 %; 1905, April, 1 %.

BONDS.—The refunding 4s of 1905 (\$60,000,000 authorized issue; outstanding \$8,361,000, are guar., p. & l., by C. H. & D. V. 80, p. 163. The collateral trust gold bonds of 1902 (limited to \$2,870,000) are secured by the entire capital stock (\$1,400,000) of the L. E. & Det. Riv. Ry., the National Trust Co., Ltd., of Toronto, being trustee, and are subject to call on any interest day on 60 days' notice. They bear interest at 3 % to Dec. 1 1905, and thereafter 4 % to maturity. V. 75, p. 1302; V. 76, p. 213.

Lake Erie & Detroit River Division mtge. V. 76, p. 1356; V. 77, p. 89. Pere Marquette RR. of Ind. 1st 4s of 1903 (authorized issue, \$3,000,000, Eastern Tr. Co. of N. Y., trustee). See V. 76, p. 919, 1193.

Marq. & Bes. Dock & Nav. 1st M. bonds are guaranteed jointly, by P. M. and Bes. & Lake Erie. They are subject to call in whole or part at 105, and 1 % must be called yearly for the s. f. at the same price, if not purchasable at a lower figure. V. 76, p. 480, 504, 706, 922, 1034. Form of guaranty, p. 1358. Debenture 5s of 1905, V. 82, p. 161.

The Eastern equipment 5s of 1903 are in two series—A for \$1,500,000 and B for \$2,000,000; the entire issue may be called on 6 months' notice and \$75,000 of the As and \$100,000 of the Bs are redeemable March 1 yearly. V. 76, p. 866. Form of guaranty, V. 77, p. 90. In Oct. 1904 \$1,520,000 equipment 4 1/2 % were sold. V. 79, p. 1642.

The collat. trust guar. 4s due 1914 (\$4,000,000 authorized) are secured by entire (\$4,206,000) Chic. Cln. & Louisv. stock. See "Lease, &c." above. V. 79, p. 2696; V. 80, p. 163; V. 82, p. 49, 219.

In March 1906 2,000 box cars were ordered, to cost \$1,730,000 monthly payments to be made on account extending over 7 years from delivery, with interest at 5 %. V. 82, p. 752. There are also \$42,000 B equip. bonds due Oct. 1 1908, and \$96,000 Lake Erie & Detroit River equipment 5s of 1904.

REPORT.—Report for year ending June 30 1906 was in "Chronicle" Oct. 20.



RAILROADS. For explanation of column headings, &c., see notes on first page of tables.	Miles of Road.	Date of Bonds.	Size, or Par Value.	Amount Outstanding	INTEREST OR DIVIDENDS.			Bonds—Princt- pal, When Due. Stocks—Last Dividend.
					Rate %	When Payable.	Where Payable and by Whom.	
Phila & Erie—Common stock (\$10,000,000 auth)-----	307	----	\$50	\$7,985,000	6 In 1905	Semi-an	Broad St Station, Phila	June 30 '06 3%
Special stock 7%-----	307	----	50	2,400,000	7 In 1905	Yearly	do do	Dec 31 1905 7%
General M (now first) gold guar p & l by Penn RR. c	307	1869	1,000	8,680,000	6 g	J & J	do and London	July 1 1920 7%
do do (\$5,263,000 are 5s)-----	307	1869	1,000	11,143,000	4 g & 5 g	A & O	Broad St Station, Phila	July 1 1920 7%
Phila & Frankford—First M \$500,000 guar. GuP.c*	---	1892	1,000	500,000	4 g	F & A	Company's Office, Phila	Aug 1 1922 .
Phila Germ & Norristown—Stock rental P & R Ry.-----	30	----	50	2,246,900	12	Q—M	Mar & Mer Bldg, Phila	Sept 4 1906 3%
Philadelphia Harrisburg & Pittsburgh—1st M g.c.* & R	47	1890	1,000	2,000,000	5 g	A & O 15	Company's Office, Phila	Oct 15 1925
Phila Newtown & N Y—First mortgage gold (text) c*	22	1892	1,000	1,417,000	See text.	A & O	do do	Oct 1 1942
Philadelphia & Reading Ry—See Reading Company.								
Philadelphia & Trenton—Stock 10% rental Penn RR	26	----	100	See text.	10	Q—J	do do	Oct 1906 2 1/2 %
Piedmont & Cumberland—See Western Maryland.								
Pine Creek—First M guar prin & interest (end)-----	75	1885	1,000	3,500,000	6	J & D	Grand Cent Station, N Y	Dec 1 1932
Piqua & Troy—First M \$250,000 gold guar p & l.-----	8	1900	1,000	225,000	4 g	M & N	Union Sav Bank & Tr. Cln	Nov 1 1939
Pittsburgh Bessemer & Lake Erie—Common 3% rent	---	----	50	10,000,000	3	A & O	O Check from Co's office	Oct 1 1906 1 1/2 %
Preferred stock 6% cumulative guaranteed by rental	---	----	50	2,000,000	6	J & D	do do	June 1 1906 3%
Pittsburgh Shenango & Lake Erie 1st M gold. Ce.c*	134	1890	1,000	3,000,000	5 g	A & O	Central Trust Co, N Y	Oct 1 1940 .
Consolidated 1st M for \$4,800,000 gold. Ce.c*	151	1893	1,000	657,000	5 g	J & J	do do	July 1 1943 ] .
Pitts Bess & L E cons M \$10,000,000 gold. Us.c*	193	1897	1,000	6,343,000	5 g	J & J	United States Tr Co, N Y	Jan 1 1947 .
Debentures gold \$2,000,000 (see text)-----	193	1899	1,000	2,000,000	5 g	J & D	Union Trust Co. Pittsb'g	June 1 1919 ] .
Conneaut equip trust part due yearly gold. FPi	---	1898	1,000	120,000	6	M & S	Fld Title & Tr, Pittsb'gh	Mar 1 1907-1908
Shenango equipment trust part due yearly gold. UPi	---	1899	1,000	509,000	5 g	A & O	Union Tr Co, Pittsburgh	Apr 1 1907-1913
Greenville equip trust \$100,000 due yearly gold. UPi	---	1900	1,000	1,000,000	5 g	M & N	do do	May 1 1911-20
Butler equipment trust \$2,050,000. UPi	---	1901	1,000	2,050,000	5 g	A & O	do do	April 1 1921
Pittsb Bingham & East—1st M \$20,000,000 gold.-----	---	1906	---	See text.	5 g	A & O	-----	Oct 1 1956
Pittsb Chart & You—Gen M \$1,000,000 gold guar. FPi	19	1892	1,000	316,000	4 g	A & O	Office, Pittsburgh	April 1 1932
Pittsburgh Cincinnati Chicago & St Louis—Com stock	1,095	----	100	24,780,850	3 In 1906	F & A	Farmers' L & Tr Co, N Y	Aug 15 '06 1 1/2 %
Preferred stock	1,095	----	100	27,457,100	See text.	J & J	do do	July 16 1906 2 1/2 %
Chic St L & Pitts con M (\$22,000,000) gold. Un.c & R	580	1883	1,000	1,506,000	5 g	A & O	Union Trust Co, N Y	Oct 1 1932
Stauben & Indiana first mortgage-----	116	1864	1,000	3,000,000	5	J & J	National City Bank, N Y	Jan 1 1914
JeffMad&Ind2d(Now1)M Jeffers'nv, Ky, to Ind & br. c	222	1870	1,000	1,967,000	7	J & J	Farmers' L & Tr Co, N Y	July 1 1910
"A" gold. c*	---	1890	1,000	10,000,000	4 1/2 g	A & O	do do	Oct 1 1940
"B" gold. c*	---	1892	1,000	8,786,000	4 1/2 g	A & O	do do	April 1 1942
"C" gold. c*	---	1892	1,000	1,379,000	4 1/2 g	M & N	do do	Nov 1 1942
"D" gold. c*	---	1895	1,000	4,983,000	4 g	M & N	do do	Nov 1 1945
"E" gold. c*	---	1899	1,000	9,851,000	3 1/2 g	F & A	do do	Aug 1 1949
"F" gold. c*	---	1903	1,000	10,000,000	4 g	J & D	do do	Dec 1 1953
a Sinking fund Dec 1905 held \$2,147,000 additional.								

contract with the Penna. Beach Creek & Eastern Coal Co., see V. 83, p. 753. President, F. A. Sawyer.—(V. 83, p. 752.)

**PITTSBURGH CHARTIERS & YOUGHIOGHENY RR.**—Owns from Chartiers to Beechmont, 19 miles; trackage (Chartiers Ry.), 2 m.; 21 miles in all. STOCK outstanding was \$700,000, owned jointly by guarantors mentioned below. Stockholders were to vote July 17 1906 on increasing the authorized stock from \$1,000,000 to \$1,500,000. V. 82, p. 1269.

**DIVIDENDS.**—In 1895, 4%; 1896, 11%; 1897, none; 1898, 7%; 1899, 1%; 1900, 4%; none since. Of the 4s, half are guaranteed (endorsed) by Pitts. Cin. Chic. & St. Louis, the other half by the Pittsburgh & Lake Erie. See guaranty, V. 56, p. 650. In year ending Dec. 31 1905, gross, \$297,423; net, \$109,077; int., &c., \$39,521; sur., \$69,556.—(V. 82, p. 1269.)

**PITTSBURGH CINCINNATI CHICAGO & ST. LOUIS RR.**—(See Map.)

Lines owned.	Miles.	Lines leased—Continued—	Miles
Pittsburgh, Pa., to Chic., Ill.-----	509	Ohio Connecting Ry.-----	9
Rendcomb Jct. to Anoka Jct.-----	166	Pitts. Wheeling & Kentucky-----	28
Bradford Jct. to Indianapolis-----	104	Eng. Connecting Ry. in Chic-----	2
Indianapolis to Jeffersonville-----	108	Other lines-----	1
Branches-----	223	Operated under their own organization-----	
Total owned-----	1,111	Pittsburgh Chartiers & Youghio-	21
Trackage-----		gheny Ry.-----	21
Indianapolis to Kokomo-----	54	Cincin. & Musk. Val. RR.-----	148
Other-----	3	Waynesburg & Wash. RR.-----	28
Lines leased (*See these co.'s) Miles.		Total of all Jan. 1 1906-----	1,624
*Chartiers-----	23		
*Little Miami-----	194		

**ORGANIZATION, &c.**—Formed in 1890 by consolidation (per terms in V. 50, p. 875) of Chicago St. Louis & Pittsburgh, Jeffersonville Madison & Indianapolis, Cincinnati & Richmond and Pittsburgh Cincinnati & St. Louis. Controlled by Pennsylvania Company, which on Jan. 1 1906 owned \$22,470,700 pref. and \$14,587,500 common stock. As to interest in majority of Hocking Valley common stock, see that company. V. 83, p. 37.

**CAPITAL STOCK.**—The stock authorized is: Com., \$45,000,000; pref., \$30,000,000; par, \$100.

The pref. stock is "non-cum. and entitled to a div. of 4% per annum out of the net earnings as declared by the board, with the right after 3% has been declared on the com. to an additional 1%, making 5% in all." After 5% on both com. and pref., the two share pro rata.

**DIV'S.**—'92-'93. '94. '95. '96. '97-'98. '99. 1900 to Jan. '06. July '06 On pref. (%) 4 yrly. 2 0 2 0 3 4 yearly. 2 1/2 % On com., 1%, Aug. 15 '01; since to Aug. '06, incl., 3% yearly (F. & A.).

**STOCK OF OLD COMPANIES** unexchanged Jan. 1 1906: Pittsb. Cin. & St. L., com., \$25,150; C. St. L. & Pittsb., com., \$441,767, and pref., \$4,952; Steubenv. & Ind., com., \$77,122, and pref., \$750; Jeff. M. & L., \$5,000.

**BONDS.**—The consol. mtge. for \$75,000,000 (Farmers' L. & T. Co. of N. Y. and W. N. Jackson, trustees) covers the entire property. Sufficient consols are reserved for the purpose of retiring all sectional bonds at maturity, at which time they must be paid off. The remainder are issuable for improvements, additions, &c. They are guar. unconditionally as to prin. and int. by the Penn. Co. The six series are all equally secured. See adv. in "Chronicle" May 21 1892 and guaranty on bonds, V. 56, p. 604.

**LATEST EARNINGS.**—8 mos., 1906. Gross, \$19,148,675; net, \$4,561,328 Jan. 1 to Aug. 31. 1905. Gross, 17,047,314; net, 3,899,298

**ANNUAL REPORT.**—Report for 1905 at length in V. 82, p. 800, 810.

Year ending Dec. 31—	1905.	1904.	1903.
Miles operated (system proper)-----	1,168	1,169	1,184
Gross earnings-----	\$26,833,428	\$24,209,492	\$24,650,401
Net earnings-----	6,887,519	6,099,554	5,874,885
Miscellaneous-----	130,511	125,026	61,182

	1905.	1904.	1903.
Total net earnings-----	\$7,018,030	\$6,224,580	\$5,936,067
Interest on bonds-----	\$2,344,754	\$2,307,637	\$2,186,113
Rentals paid-----	137,483	139,344	132,361
Car trusts (including interest)-----	783,033	659,146	589,988
Improvements, sinking fund, &c.-----	1,633,961	1,331,787	1,369,075
Dividends on preferred (4%)-----	1,098,196	(4)1,098,122	(4)908,036
Dividend on common (3%)-----	743,400	(3)743,390	(3)743,378
Balance, surplus-----	sur.277,203	def.54,846	7,116

—(V. 82, p. 335, 752, 800, 810; V. 82, p. 1380; V. 83, p. 626.)

**PITTSB. CLEVE. & TOL. RR.**—See Balt. & Ohio RR.—(V. 78, p. 49.)

**PITTSBURGH FORT WAYNE & CHICAGO RR.**—(See Map Penn. RR.)—ROAD.—Owns from Pittsburgh, Pa., to Chicago, Ill., and branch, 470 m. Double track 271 m. of which part was built in 1893.

**LEASE, &c.**—Foreclosed Oct. 24 1861 and reorganized. From July 1 1869 leased in perpetuity to the Penn. RR.; rental pays interest, s. f. of debt and 7% on stock, payable Q.—J. The lessee keeps road in repair and pays taxes and expenses.

In July 1901 an extra div. of 2% was declared on both stocks, but it will be paid on the guar. special stock only in case the courts so decide. No decision to Apr. 1906. V. 72, p. 821, 1188.

**CAPITAL STOCK.**—The special improvement stock is issued to Penn. RR. for improvements, &c., under Article 16 of lease, which provides that the lessor may issue special bonds or stock. See V. 50, p. 139, and wording of endorsement in V. 56, p. 774. The special stock is in all respects subject to the general or prior stock and to the rights of holders of said general or prior stock to have distributed to them in quarterly instalments an annual dividend fund of \$1,380,000 free of all taxes. This special stock is issued from time to time for betterments; in 1898, \$335,300; in '99, \$824,907; in 1900, \$1,002,700; in 1901, \$1,291,200; in 1902, \$1,418,200; in 1903, \$2,010,400; in 1904, \$4,959,200; in 1905, \$3,341,900; in 1906, \$3,029,700. Of the \$31,002,900 guar. special stock outstanding Dec. 31 1905, \$30,415,700 was owned by Penn. Co. V. 75, p. 1087.

**BONDS.**—The 1st mtge. is in series of \$875,000 each and second mtge. of \$860,000. Of the above 1st mtge. bonds, \$3,121,000 and of the 2nd mtge. \$3,358,000, and over \$2,600,000 cash, were in the sink. funds Jan. 1 1906.

**REPORT.**—1905, lessee's profit, \$567,118; 1904 \$449,179.—(V. 80 p. 2458; V. 82, p. 1439, 1497.)

**PITTSBURGH JUNCTION RR.**—See V. 67, p. 688, 788, 954, 1056. B. & O. is in control, owning all of the securities except \$15,250 com. stock, \$959,000 1st 6s, \$250,000 2nd 5s and \$191,000 Terminal Co. 5s. See B. & O. and V. 69, p. 1063, 1192, and V. 70, p. 77.

**PITTSBURGH & LAKE ERIE RR.**—(See Maps N. Y. Cent. & H. R. RR.)—Owns from Pittsburgh, Pa., to Youngstown, O., 68 m., to be 4-tracked; branch lines to Newcastle, &c., Pa., 4 m.; total owned, 72 m. (of which 70 double track); leases Pitts. McKeesport & Yough. (which see), 112 m.; Mah. State Line RR., 3 m.; Beav. & Ell. RR., 3 m.; Elw. Connect. RR. 1 m.; total 191 miles.

The road is operated in harmony with the N. Y. Central system, the L. S. & Mich. South. Ry. owning \$5,000,100 of stock. The P. & L. E. owns stock and securities of Pitts. Ch. & Yough. Ry., \$139,850, and of Mon. RR., \$736,570. As to guaranty of bonds of Mon. RR. see that co.'s statement.

In Nov. 1905 the holdings of the Little Kanawha syndicate, including the stocks of the Little Kan., Park. Bridge & Term., Burnsv. & East., Buckhannon & North., Bellington & North., Zanesv. Marletta & Parkersburg and Marletta Columbus & Cleveland were acquired. V. 81, p. 1436, 1493.

**DIVIDENDS.**—1886 to 1891. 1892 to Aug. 1906 Per cent ----- 6 yearly. 10 yearly.

**EARNINGS.**—For 8 months ending Aug. 31, gross, \$9,620,433; in 1906; in 1905, \$8,262,904.

**REPORT.**—Report for year ending Dec. 31 1905 in V. 82, p. 1319, showed: Gross, \$12,837,736; net, \$2,950,112; other income, \$68,446; taxes, \$170,087; interest, \$221,125; rentals, \$484,418; dividends (10%), \$1,000,000; bal., sur., \$1,142,927.—(V. 81, p. 1493; V. 82, p. 162, 1319.)

**PITTSBURGH LISBON & WESTERN RR.**—New Gallie, Pa., to Lisbon, O., 25 miles; Salem to Washingtonville, O., 7 m.; coal road, 3 m. Purchased in May 1904 by the Wheel. & L. E. RR. V. 78, p. 1782. For 7 1/2 mos. ending June 30 1903 (32 miles), gross, \$54,448; net, \$16,013; other income, \$1,303; charges, \$20,423; bal., def., \$3,107.—(V. 78, p. 1782.)

**PITTSBURGH MCKEESPORT & YOUGHIOGHENY RR.**—(See Maps N. Y. Cent. & H. R. RR.)—Owns from Pittsburgh to New Haven, Pa., 57 m.; McKeesport to Brownsville Jct., Pa., 39 m.; branches, 14 m.; leases 2 m.; total, 112 miles, of which 69 m. double track.

**LEASE.**—Leased to Pittsb. & L. E. RR. for 999 years. Rental is 6% on the stock, prin. and int. of the Pitts. McK. & Yough. bonds being guar. by Pitts. & L. E. and Lake Shore & Mich. South. companies, the guaranties being endorsed on the share certificates and bonds. The guaranty of the stock is on the express condition that the holder shall accept par for the same on July 1 1934. See wording of guaranty in V. 56, p. 774. Stock authorized, \$4,000,000; 1st mtge. bonds authorized, \$2,250,000; 2d mtge. bonds authorized, \$1,750,000. Profit to lessee in 1905 \$1,070, of which one-half was payable to the Lake Shore & Michigan Southern.

**PITTSBURGH OHIO VALLEY & CINCINNATI RR.**—Owns road Bellaire, O., to Powhatan, O., 15 m. Operated for cost by Penn. Co. in connection with Cleveland & Pittsburgh since Dec. 1 1892. Stock authorized, \$1,500,000; outstanding, \$300,000; par, \$50. Trustee of mtge. (for \$1,500,000), Fidelity Tr. Co. of Phila. Cal. year 1905, gross, \$35,677; net, \$12,080.

**PITTSBURGH SHAWMUT & NORTHERN RR.**—ROAD.—Projected as a short route from the bituminous coal fields in Elk and Jefferson counties, Pa., northerly to Macedon (on the N. Y. C. & H. R. RR.), including branches, 350 miles. The first division, Wayland to Shawmut, Pa., with branches, is in operation, viz.:

Owned—	Miles.	Leased—(Concluded)—	Miles.
Hydes to Coryville, Pa.-----	66	Hornells, Jct., to Hornellsville.-----	10
State Line Jct. to Wayland-----	70	Trackage-----	
Paine's Jct. to Cardiff-----	12	Hydes to Shawmut, Pa.-----	5
Mt. Jewett to Kasson Jct.-----	10	Brockport to Brockwayville, Pa.-----	4
Olean to Olean Jct.-----	9	Coryville, Pa., to State Line Jct.-----	11
Leased—		Total operated-----	209
Croyland to Halton, Pa.-----	12		

The Brookville & Mahoning Ry., controlled by the same interests, proposes to build an extension from Hydes, Pa., to Freeport, 102 1/2 miles; of this, Hydes to Knoxdaic, 36 miles, to be completed by Jan. 1907. V. 81, p. 32.

**ORGANIZATION.**—Reorganized without foreclosure in 1901, under plan in V. 74, p. 327, only \$164,000 of old \$6,000,000 5% bonds not having assented. The Kersey RR., 12 m., formerly leased, and about 150,000 additional acres of coal lands and mineral rights were placed under the new mtge. V. 74, p. 327, and Circular, p. 578. The non-assenting bonds have received interest to Feb. 1905. The old 1sts of 1899 exchanged for the bonds of 1902 have not been canceled. V. 75, p. 291.

**REORGANIZATION.**—On Aug. 1 1905 Frank Sullivan Smith was appointed receiver. Reorganization was deferred in May 1906. A larger mtge. is to be authorized for extension to Pittsburgh, Buffalo and Lake Ontario, involving the construction of 300 miles of additional road and acquisition of additional coal lands. V. 81, p. 559. On March 1 1906 \$1,300,000 receivers' certificates were authorized for improvements and additions; \$300,000 issued Sept. 1906. V. 82, p. 510, 569, 806, 1102.

**STOCK.**—All com., auth., \$15,000,000; issued, \$11,700,000; par, \$100.

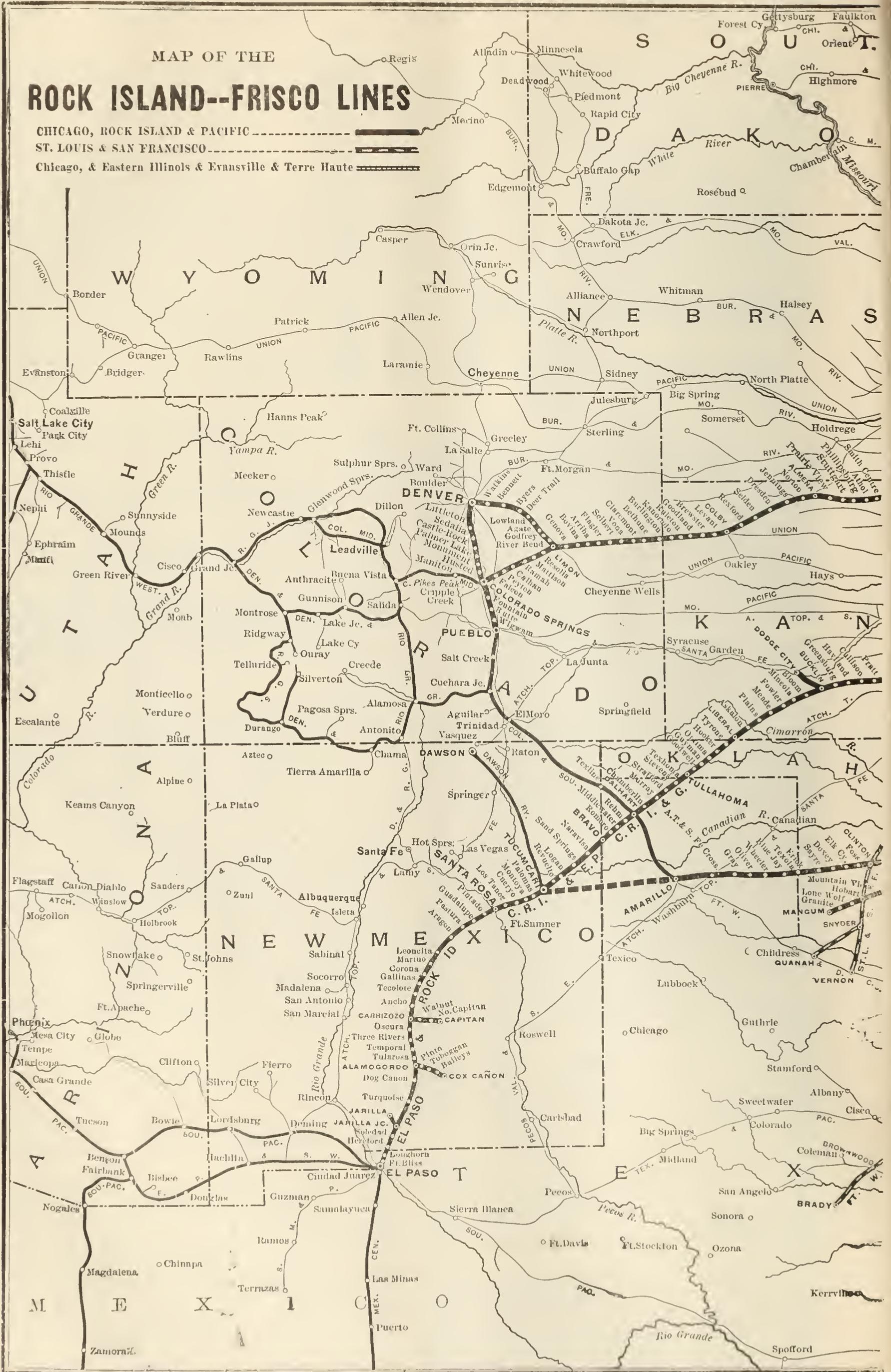
**EARNINGS.**—For the year ending June 30 1906, railroad earnings were: Gross, \$891,098; net, \$155,925; other income, \$8,785; interest, taxes, &c., \$625,808; bal., def., \$461,098. See V. 78, p. 1498.

**OFFICERS.**—Acting Pres., Frank S. Smith, 60 Wall St.—(V. 82, p. 1102.)

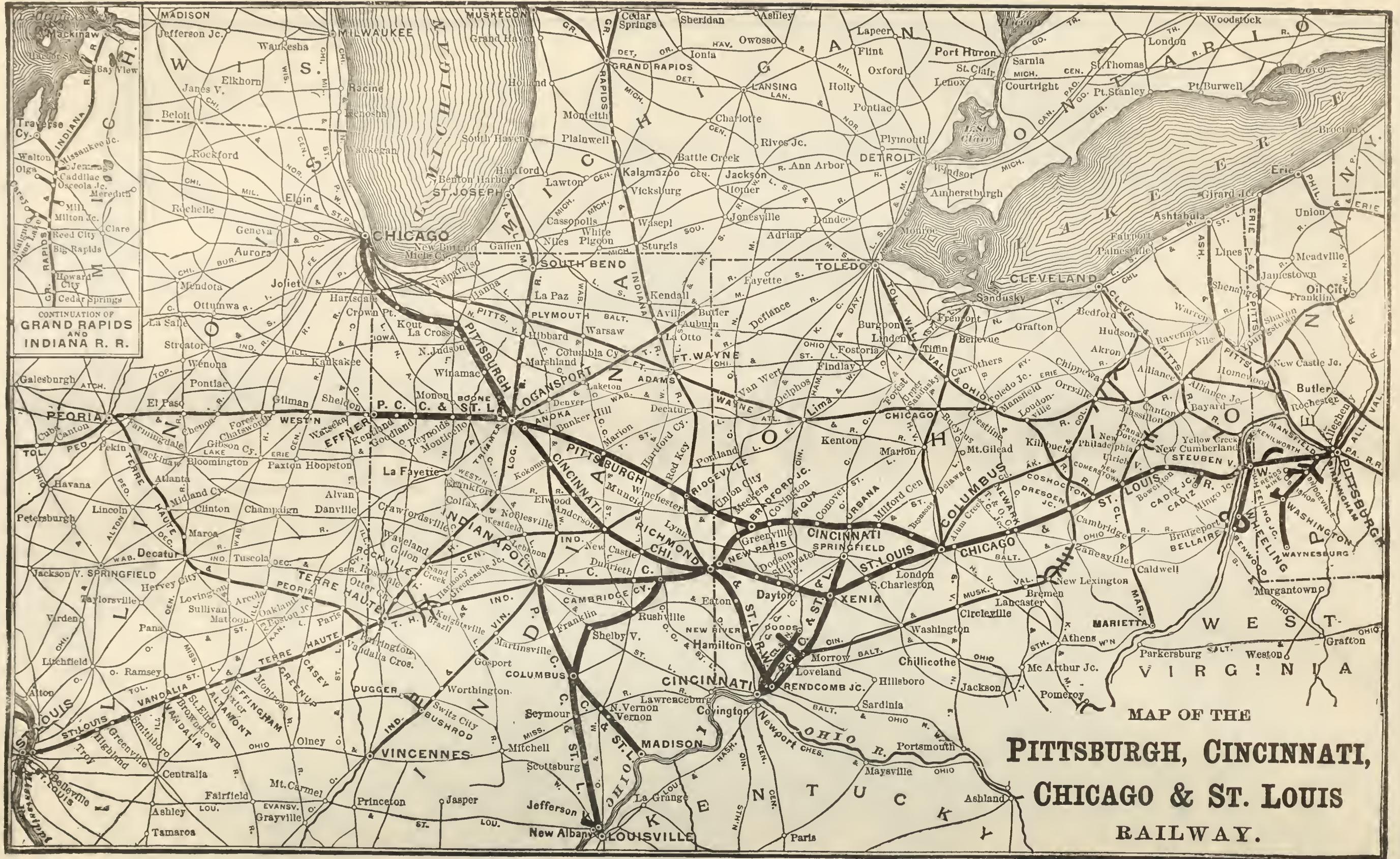
**PITTS. SHENANGO & LAKE ERIE.**—See Pitts. Bessemer & Lake Erie

# MAP OF THE ROCK ISLAND--FRISCO LINES

CHICAGO, ROCK ISLAND & PACIFIC  
ST. LOUIS & SAN FRANCISCO  
Chicago, & Eastern Illinois & Evansville & Terre Haute







CONTINUATION OF  
GRAND RAPIDS  
AND  
INDIANA R. R.

MAP OF THE  
**PITTSBURGH, CINCINNATI,  
CHICAGO & ST. LOUIS**  
RAILWAY.

RAILROADS. For explanation of column headings, &c., see notes on first page of tables.	Miles of Road.	Date of Bonds.	Size, or Par Value.	Amount Outstanding	INTEREST OR DIVIDENDS.			Bonds—Prin- cipal, When Due. Stocks—Last Dividend.
					Rate %	When Payable.	Where Payable, and by Whom.	
Pittsburgh Cleveland & Toledo—See Baltimore & Ohio RR.								
Pittsb Ft Wayne & C—Gen stock 7% guar Penn RR	470	---	\$100	\$19,714,286	See text.	Q—J	Winslow, Lan & Co, N Y	Oct 3 1906 1 1/2
Guaranteed special imp stock 7% guar by end...	470	1871	100	37,374,500	See text.	Q—J	do do	Oct 2 1906 1 1/2
First mortgage Series A to F (Sinking fund cumula- tive not drawn...c*)	468	1862	500 &c	5,250,000	7	Various	do do	July 1 1912
Second do Series G to M	468	1862	500 &c	5,160,000	7	Various	do do	July 1 1912
Third mortgage	468	1862	500 &c	2,000,000	7	A & O	do do	July 1 1912
Pittsburgh & Lake Erie—Stock auth \$10,000,000...				10,000,000	10 in '06	F & A	Co's office, Pittsburg	Aug 1 1906 5%
First mortgage gold	73	1878	1,000	2,000,000	6 g	J & J	do do	Jan 1 1928
Second mortgage gold Series A & B	73	1889	1,000	2,000,000	5 g	A & O	New York Trust Co, N Y	Jan 1 1928
Pittsburgh McK & Yough—Stock guar (see text)		1884	50	3,959,650	6	J & J	Union Trust Co, N Y	July 1906 3%
First mortgage guar by P & L E and L S & M S	57	1882	1,000	2,250,000	6	J & J	do do	Jan 1 1932
Second M guar p & l (end) by P & L E and L S & M S	57	1884	1,000	1,000,000	6	J & J	do do	July 1 1934
MeKeesport & Belle Vernon 1st M gold ass'd...FPI	40	1888	1,000	600,000	6 g	J & J	Fld Title & Tr Co, Pittsb	July 1 1918
Pittsb Ohio Val & Cin—1st M gold s f not drawn...FP.c*	15	1890	1,000	290,000	5 g	A & O	Broad St Station, Phila	Oct 1 1920
Pittsburgh Painesville & Fairport—See Baltimore & O hlo RR				300,000				
Pittsburgh Shawmut & Nor—Receiv certs red par		1906		1,300,000	5	M & S	New York	Mar 1 1911
First mortgage gold \$12,000,000		1899	1,000	164,000	5 g	F & A	Feb 1905 Int last paid	Feb 1 1949
New mortgage gold \$15,000,000		1902	1,000	14,491,600	4 g	F & A	do do	Feb 1 1952
Car trusts \$34,000 due semi-annually		1905		436,000	5 g	M & S	Colonial Trust Co, N Y	Mar '07-Mar '12
Pittsburgh Virginia & Charleston—See Pennsylvania RR.								
Pittsb Term RR & Coal—West Side Belt 1st M g...UPI	Text.	1897	1,000	383,000	5 g	M & S	Colonial Trust Co, Pittsb	Sept 1 1937
Pittsburgh Terminal 1st M \$7,000,000 gold...CPI.c*	Text.	1902	1,000	See text.	5 g	J & J	do do	July 1 1942
Consolidated mortgage \$14,000,000		1905		See text.	4 1/2			1955
Pittsburgh & Western—See Baltimore & Ohio RR.								
Pittsb Westmoreland & Somerset—1st M \$700,000 g.N	30	1905	1,000	See text.	5 g	A & O	New York	Oct 1 1955
Pittsb Youngst & Ashtabula—Com stock \$5,900,000	140		See text.	2,100,000	See text.	See text.	Farmers' L & Tr Co, N Y	Sep 25 '06 3 1/2%
Preferred stock \$9,100,000	140		See text.	8,980,500	See text.	See text.	do do	Sep 25 '06 3 1/2%
Ashtab & Pittsb 1st M Youngst to Ashtab.FP.c* & r	62	1878	1,000	1,500,000	6	F & A	Fidelity Trust Co, Phila	Aug 1 1908
Consol M (for \$4,000,000) s f 1% not drawn...F.c*	125	1887	1,000	1,562,000	5	M & N	Farmers' L & Tr Co, N Y	Nov 1 1927
New mortgage \$15,000,000		1906		None	Jne'06			
Plymouth & Middleboro 1st M Int guar by Old Col...c*	15	1892		225,000	5	J & J	Boston	Jan 1 1912
Pontiac Oxford & North—1st M gold \$400,000...Me.c*	100	1896	1,000	400,000	6 g	J & J	Mercantile Trust Co, N Y	July 1 1916
Port Angeles Pac—1st M \$2,000,000 gold red at 105...K		1904	1,000	100,000	5 g	A & O	Oct 1904 coupon last paid	April 1 1954
Portland & Rochester—See Boston & Maine RR.								

**PITTSBURGH TERMINAL RR. & COAL CO.**—Owns \$1,065,000 of the \$1,080,000 stock of the West Side Belt RR., having a belt line extending from Pittsburgh to Clartron, Pa., 20.6 m., and Banksville Jct. to Banksville 2 m., with 13 m. of sidings, a total of 35.6 miles. Has its own river tipples and connection with all roads entering Pittsburgh. Owns in fee about 15,000 acres of coal and 675 acres of surface lands adjoining in Allegheny Co., Pa., which were leased Nov. 1904 to the Pitts. Coal Co. for 40 years at \$350,000 yearly and a royalty of 8 cents per ton of coal mined. V. 80, p. 1236. Capacity, over 3,000,000 tons yearly. See prospectus, V. 78, p. 703; V. 80, p. 1480.

In 1904 the Wabash-Pittsburgh Terminal Ry. (which see) acquired the entire \$14,000,000 stock. V. 79, p. 1024, 2086; V. 80, p. 1236.

The 1st 5s of 1902 are secured on coal lands and by mtge. of West Side Belt RR., which guarantees them, p. & l., and by pledge of West Side Belt stock owned. Sinking fund 8 cents per ton of coal mined. Of the 5s, \$4,310,000 were outstanding in Oct. 1906, being pledged under the junior 4 1/2s and the remaining \$1,379,000 reserved for the West Side Belt and coal land mtges. Of the consols of 1905, the present issue (\$5,500,000) is deposited under the Wabash 4 1/2% notes of 1905, \$7,000,000 of the remaining \$8,500,000 being reserved to retire existing liens. V. 80, p. 1729.—(V. 80, p. 1729.)

**PITTSBURGH & WESTERN RR.**—See page 179.

**PITTSBURGH WESTMORELAND & SOMERSET RR.**—Owns from Ligonier, Pa., to Somerset, 30 miles, completed in June 1906. Stock, \$700,000, all outstanding; par, \$100. Of the bonds, \$100,000 is reserved for extensions. V. 81, p. 1849, 559. President, J. Henry Cochran; Sec. & Tres., L. H. Allen, Ligonier, Pa.—(V. 81, p. 1849.)

**PITTSBURGH YOUNGSTOWN & ASHTABULA RR.**—Owns Kenwood, Pa., to Ashtabula Harbor, O., 99 m.; Niles to Alliance Junction, O., 25 m.; Homewood to Wampum Jct., two miles; Lawrence Jct. to New Castle, 3 miles; Canfield Branch, 1 mile; trackage, 4 miles. Total, 138 miles. A consolidation Jan. 1 1906 of old P. Y. & A. RR. and New Castle & Beaver Valley RR., the stocks of old companies receiving per two shares (\$50) each three shares of new stock (\$100 each.) See V. 82, p. 693. The Pennsylvania Company owns control and leases the road.

**DIVIDENDS.**—Dividends on stocks of new company: On pref., Apr. 25 1906, 3 1/2%; Sept. 25, 3 1/2%. On common, Apr. 25, 1906, 2 1/2%; Sept. 25, 3 1/2%. V. 82, p. 693.

**BONDS.**—Bonds of 1887 are reserved to retire 6s. A new mtge. has been authorized for \$15,000,000 to provide for refunding old bonds, etc., but no bonds thereunder will probably be issued at present. V. 82, p. 753.

**EARNINGS** (old Co.)—Year 1905 (128 miles), gross, \$3,769,191; net, \$1,486,145; other income, \$8,738; interest, \$168,100; improvements, \$974,454; set aside to complete certain impts., \$162,680; dividends, \$212,051; bal., def., \$22,402.—(V. 82, p. 753, 1380; V. 83, p. 626.)

**PLACERVILLE & LAKE TAHOE RR.**—V. 78, p. 2600; V. 81, p. 156.

**PLYMOUTH & MIDDLEBOROUGH RR.**—Plymouth to Middleborough, Mass., 15 miles. Stock, \$80,000. Leased to Old Colony RR. for 99 years from Jan. 1 1892, no rental to be paid to Jan. 1 1917, thereafter lessee to pay 30% of gross earnings, 4% on stock to be guaranteed; but lessee guarantees at all times payment of interest.

**PONTIAC OXFORD & NORTHERN RR.**—Operates road from Pontiac, Mich., to Caseville, Mich., 100 miles. In April 1905 Robert J. Lounsbury of Pontiac, Mich., was appointed receiver. In June 1906, \$52,000 receivers' certificates were issued to pay taxes deferred pending litigation. Bond Int., paid to July 1906 incl. V. 80, p. 1424. Calendar year 1905, gross, \$184,784; net, \$36,135; interest, \$24,000. In year ending June 30 1905, gross, \$190,312; net, \$48,017. Stock, \$1,000,000. Dividends: In 1890, 1%; 1891, 3%; 1892, 4%; 1893, 6%; 1894, 4%; 1895, 3 1/2%; 1900, 4%; 1901, (?); 1902, 5%; 1903, 1%; 1904, 2%; 1905, none. Litigation, see V. 77, p. 299. Pres., Hugh Porter, N. Y.—(V. 80, p. 1424.)

**PORT ARTHUR & HOUSTON SHORT LINE RR.**—V. 83, p. 436.

**PORTLAND & RUMFORD FALLS RR.**—Owns Rumford Jct. to Rumford Falls, 54 m.; branch to Otis Falls, 10 m.; trackage (Me. Cent.) Rumford Jct. to Lewiston, 4 m., total operated 68 miles. Controls Rumford Falls & Rangely Lakes RR., 41 miles of track. V. 69, p. 954.

**DIVID'S.**—'06. '07. '08. '09. '00. '01. '02. '03. '04. '05. 1906, Per cent.-----] 5 4 4 6 4 6 6 6 6 Inc. Sep., 4 1/2

**ANNUAL REPORT.**—Report for 1905-6 shows:  
Year— Gross Net. Oth. in. Int. tax, &c Dividends Bal. sur.  
1905-06 --\$690,813 \$330,477 \$71,159 \$125,261 (6) \$120,000 \$156,375  
1904-05 -- 658,663 280,710 64,454 121,158 (6) 120,000 104,006  
—(V. 75, p. 612; V. 77, p. 770; V. 79, p. 1267; V. 83, p. 626.)

**PORTLAND UNION RAILWAY STATION.**—Stock, \$50,000. Bonds guaranteed jointly by Boston & Maine and Maine Central.

**PORT READING RR.**—Owns 21.21 m. of road, completed Sept. 1892 from Port Reading Jct., N. J., to Staten Island Sound; sidings and laterals, 32 m.; total, 53.2 m. Capital stock authorized \$2,000,000—par \$100. all owned by Reading Company, \$1,555,000 being deposited under its general mtge. of 1897 and \$440,000 under Jersey Central collateral mtge.—(V. 55, p. 544, 639, 680.)

**POTOSI & RIO VERDE RR.**—Owns a narrow-gauge road from City of San Luis Potosi, Mexico, to Hacienda Alvarez, 40 m. Has concessions for 99 years, expiring Nov. 4 1985, when railroad becomes the property of the Mexican Government. Company is exempt from taxes and import duties for 15 years after opening. Bonds are subject to call at 110 and interest on any interest day. Pres., Robert S. Towne; Sec., C. J. Nourse Jr., 82 Beaver St., New York.

**PROVIDENCE TERMINAL CO.**—V. 82, p. 1213, 1323; V. 83, p. 819.

**PROVIDENCE & WORCESTER RR.**—Owns from Providence, R. I., to Worcester, Mass., 44 m., of which 5 m. are owned jointly with Boston & Providence; branches, 7 miles; total owned, 51 miles: From July 1 1892

leased for 99 years at 10% per annum on the stock to the N. Y. N. H. & Hartford.—(V. 63, p. 1064.)

**QUAKERTOWN & EASTERN RR.**—Quakertown to Riegelsville, Pa., 15 miles. Stock, \$180,000, all outstanding, par of shares, \$50. Year ending June 30 1905 gross, \$24,870; net, \$7,022; charges, \$9,330. President, John Jamison; Sec., Henry S. Funk; Treas., J. H. Shelly, Quakertown, Pa.

**QU'APPELLE LONG LAKE & SASKATCHEWAN RR.**—V. 83, p. 214, 324, 688.

**QUEBEC BRIDGE & RAILWAY CO.**—V. 82, p. 1497; V. 83, p. 688.

**QUEBEC CENTRAL RY.**—V. 79, p. 783; V. 80, p. 998; V. 81, p. 1175.

**QUEBEC & LAKE ST JOHN RY.**—V. 82, p. 281, 453; V. 83, p. 96.

**QUEBEC NEW BRUNSWICK & NOVA SCOTIA RY.**—V. 83, p. 272.

**QUEBEC MONTREAL & SOUTHERN RY.**—Sorel, Prov. of Quebec, to Noyan, 89 miles; St. Lambert to St. Francois, with branch, 55 miles; total, 144 miles. An extension will be built from St. Francois to Point Level, opposite Quebec. V. 83, p. 379.

Successor in Aug. 1906 to Quebec Southern and South Shore railways, acquired at foreclosure sale Nov. 1905 by the Delaware & Hudson Co. President, David Willcox; Treas., Chas. A. Walker; Sec., L. J. Belque.—(V. 83, p. 493.)

**QUEBEC TERMINAL & RAILWAY CO.**—See V. 71, p. 603; V. 77, p. 38.

**"QUEEN & CRESCENT."**—Includes Clinch, N. O. & Texas Pac., Ala. Gt. So., New Or. & N. E., Ala. & Vicks. and Vicks. Shrev. & Pac.

**RAHWAY VALLEY RR.**—Owns Aldine, N. J., on Cent. RR. of New Jersey, and Summit, on the Del. Lack. & West., completed August 1906. V. 83, p. 380. A consolidation on March 1 1905. V. 83, p. 1729. Stock, \$400,000, all outstanding. Bonds, (?). Pres., Wm. W. Cole, Elmira, N. Y.; Treas., James S. Gilbert, 30 Broad St., N. Y.; Sec., H. F. Dankel, New Orange, N. J.—(V. 83, p. 380.)

**RAILROAD SECURITIES CO.**—Organized by interests identified with Illinois Central to acquire and hold securities of railroads. Stock, common, \$10,000,000; pref., 4% cum., \$10,000,000; outstanding, common, \$3,600,000; pref., \$2,000,000. The \$8,000,000 present issue of the Int. certificates (\$20,000,000 authorized) are secured by a like amount of Illinois Central stock, interest at a 4% cumulative rate being payable if received from dividends on the shares pledged, the stock itself being deliverable to the holders of the certificates at maturity unless the option to call at 105 is meantime exercised. V. 74 p. 937, 1039. Dividends on pf. in 1902 to Apr. 1906, both inclusive 4% yearly (paid A. & O.) On common, 1st div., 3 1/2%, Dec. 29 1905.—V. 81 p. 778, 1044.)

**RALEIGH & CHARLESTON RR.**—Owns Lumberton, N. C., to Marlon, S. C., 41 m. Successor March 1 1906 to Carolina Northern, forced closed. V. 81, p. 1241, 1437. Stock authorized, \$850,000. Extensions to Raleigh, N. C., and Charleston, S. C., were reported to be proposed.

Of the bonds (International Trust Co. of Maryland, trustee), \$350,000 are 1st mortgage prior lien 4s and \$1,000,000 consols, the first ten coupons on the latter to be paid in cash up to 4% as earned, the balance in ten-year 6% interest-bearing scrip, with interest payable semi-annually and subject to call at par. Of the consols \$350,000 are reserved to retire the prior liens and \$450,000 for extensions and improvements. V. 83, p. 97.

Year ending June 30 1905 (old co.), gross, \$46,446; net, \$11,250; total deductions, \$33,456. Pres., John Skelton Williams, Richmond, Va.; Sec. & Treas., C. T. Williams.—(V. 82, p. 629; V. 83, p. 97.)

**RALEIGH & SOUTHPORT RY.**—Operates Raleigh, N. C., to Fayetteville, 64 miles, incl. 2 m. of trackage; extension Lillington to Fayetteville, 30 m., being completed Aug. 1906. Successor June 1 1905 to Raleigh & Cape Fear RR. V. 80, p. 2400. Stock authorized, \$10,000 per mile. Consols (see table above) are limited to \$8,000 per mile (of which \$1,000 for equipment), except \$30,000 to be issued on bridge over Cape Fear River. Of the bonds, \$167,000 are reserved to retire the old bonds. V. 82, p. 929.

**EARNINGS.**—12 mos. } 1905-06 -----Gross, \$64,282; net, \$25,857  
July 1 to June 30. } 1904-05 -----Gross, 49,637; net, 16,210  
Year ending June 30 1905, gross, \$49,658; net, \$16,211. In 1903-04, gross, \$50,142; net, \$21,652; charges, \$9,199; bal., sur., \$12,453. Pres., John A. Mills; Sec. & Treas., F. T. Ricks. Office, Raleigh, N. C.—(V. 80, p. 2400; V. 82, p. 929.)

**RARITAN RIVER RR.**—South Amboy to New Brunswick, N. J., 13 miles; branches, 9 miles; total, 22 miles. Stock authorized, \$1,000,000; issued, \$400,000; par, \$100. Dividends paid in 1902-03 and 1903-04, 4% yearly; in 1904-05, 4 1/2%; in 1905-06, 5 1/2%. Year ending June 30 1906, gross, \$162,847; net, \$64,965; int., taxes, &c., \$23,757; dividends (5 1/2%), \$22,000; surplus, \$19,208.—(V. 77, p. 2340.)

**READING BELT RR.**—Belt railroad 7.4 m. in length around Reading, Pa., opened May, 1905. V. 71, p. 751. Stock, \$750,000, all owned by Reading Company. Road leased to Phila. & Reading Ry. for 999 years from July 1 1902 for int. and taxes and 4% on stock.—(V. 74, p. 1090.)

**READING & COLUMBIA RR.**—Owns Columbia to Sinking Springs, Pa., 40 miles; branches, 14 miles; operates Marietta Junction to Chelekes, 4 miles; total operated, 60 miles. Stock, \$958,373 (par, \$50), of which \$788,200, together with \$193,000 1st mtge., \$35,000 2d mtge. and \$1,000,000 debentures, are owned by Reading Co., all except \$3,200 stock and \$158,000 2d mtge. being deposited under its general mtge. Year 1904-05, gross, \$333,591; net, \$131,940; charges \$122,584. (V. 78 p. 1908.)

**READING COMPANY—PHILADELPHIA & READING RY.**—(See Map.)—The Phila. & Reading Ry. operates in connection with the great anthracite coal properties of the Philadelphia & Reading Coal & Iron Co. in the Schuylkill region, Pennsylvania, a system of roads centering at Philadelphia, extending to Hazleton and Williamsport on the north, and westerly to Harrisburg, Shippensburg and Gettysburg in Pennsylvania and Wilmington, Del., on the south; also easterly in New Jersey to Atlantic City and Cape May, on the Atlantic Ocean, and to tidewater at Port Reading on New York harbor, viz.:

RAILROADS. <i>For explanation of column headings, &amp;c., see notes on first page of tables.</i>	Miles of Road.	Date of Bonds.	Size, or Par Value.	Amount Outstanding	INTEREST OR DIVIDENDS.			Bonds—Prin- cipal, When Due. Stocks—Last Dividend.
					Rate %	When Payable.	Where Payable, and by Whom.	
Portland & Rumford Falls—Stock	---	---	\$100	\$2,000,000	6 in 1905	Q—M	Portland, Me.	Sept 15 '06 1 ½
Consol (now first) mortgage \$1,000,000 gold...OB.c*	64	1896	1,000	992,000	4 g	M & N	Old Colony Trust, Boston	Nov 2 1926
Plain bonds sinking fund gold \$350,000...c	---	1897	500 &c	350,000	4 g	F & A	Boston and Portland	Aug 1 1927
Collateral trust bonds \$500,000...c	---	1904	500 &c	500,000	4	F & A	Portland, Me.	Feb 1 1934
Portland Un Ry Sta—Bds (not mtg) Scr "A" & "B" g s f	---	'87-'89	1,000	300,000	4	J & J	Portland, Me., & Boston	July '27-Jan '29
Port Reading—1st M gold guar by old P & R. PeP.c* & R	21	1891	1,000	1,500,000	5 g	J & J	Philadelphia	Jan 1941
Potomac Valley—See Western Maryland.	---	---	---	---	---	---	---	---
Potosi & Rio Verde—1st M \$15,000 p m s f...Mo.c*	40	1898	1,000	487,000	6 g	A & O	82 Beaver St, New York	Oct 1 1918
Providence & Springfield—See New York New Haven & Hartford.	---	---	---	---	---	---	---	---
Providence Terminal—See New York New Haven & Hartford.	---	---	---	---	---	---	---	---
Providence & Worcester—Stock (10% rental)	51	---	100	3,500,000	10	Q—M	Office, Providence	Sept 30 '06 2 ½
First M (refunding) cur \$1,500,000 (V 63, p 1064)...c*	51	1897	1,000	1,500,000	4	A & O	Hospital Tr Co, Prov, R I	Oct 1 1947
Quakertown & Eastern—First mortgage gold...GuP.c*	15	1897	500	180,000	5 g	J & J	Quakertown, Pa.	Jan 1 1927
Railroad Securities—Stock common \$10,000,000...c	---	---	100	3,486,420	See text.	See text.	---	Dec 29 '05 3 ½ %
Preferred stock 4% cumulative \$10,000,000...c	---	---	100	1,936,900	4 in 1906	A & O	---	Oct 1 1906 2 %
Ill Cent stock int certs cum gold Scr A red 105...Us	---	1902	1,000	8,000,000	4 g	J & J	Office, 120 B'way, N Y	Jan 1 1952
Raleigh & Augusta—Raleigh & Gaston—See Seaboard	Alr Lj	---	---	---	---	---	---	---
Raleigh & Charleston—1st pr llen bds g red text...c*	41	1906	200 &c	350,000	4 g	F & A	International Tr Co, Balt	Feb 1 1956
Consol M bonds \$1,000,000 gold red text...c*	41	1906	200 &c	200,000	See text	F & A	do do	Feb 1 1956
Raleigh & Southp—R & C F 1st M \$310,000 gold...K.c*	32	1903	1,000	137,000	5 g	M & S	Knickerbocker Tr Co, N Y	Mar 1 1943
Equipment and improvement mortgage gold...c	32	1904	1,000	22,000	6 g	J & D	Mt Vernon (N Y) Tr Co	---
Raleigh & Southp cons mortgage \$2,000,000...K	62	1905	1,000	316,000	5 g	J & D	Knickerbocker Tr Co, N Y	June 1 1965
Raritan River RR—first mortgage gold...c	20	1889	1,000	400,000	5 g	M & S	New Jersey Title G & Tr	Jan 1 1939
Reading Belt—1st M gold \$750,000 gu p & l (end) GP.c*	7.4	1900	1,000	750,000	4 g	M & S	Reading Term Bldg, Phil	Sept 1 1950
Reading & Columbia—First mortgage (ext in 1882)...c*	40	1862	100 &c	650,000	5	M & S	Phlla & Read RR, Phlla	Mar 1 1912
Second mortgage coupon (extended in 1884 & 1904)...c	40	1864	1,000	350,000	4	J & D	do do	Sept 1 1912
Debentures...c	---	1877	1,000	1,000,000	6	J & D	do do	Dec 1 1917
Reading Company—Common stock...c	---	---	50	70,000,000	4 in 1906	F & A	J P Morgan & Co, N Y	Aug 1 1906 2 %
First pref stock 4% non-cumulative...c	---	---	50	28,000,000	4 in 1905	M & S	do do	Sept 10 '06 2 %
Second preferred stock 4% non-cumulative...c	---	---	50	42,000,000	4 in 1906	M & N	do do	Nov 10 '06 2 %
Gen M \$135,000,000 g s f not subj to call...Ce.c* & R	T xt.	1897	1,000 &c	70,330,000	4 g	J & J	J P Morgan & Co, N Y	Jan 1 1997
Jersey Cent coll tr M g red 105...PeP.c* & R	---	1901	1,000	23,000,000	4 g	A & O	---	April 1 1951
Wilm & Northern stock tr cts gold red at 105...GP.r	---	1900	1,000	1,295,000	4 g	Q—M	Glrad Trust Co, Phlla	When drawn
Car trusts \$252,000 semi-annually...c	---	1899	---	576,000	4 g	J & J	Drexel & Co, Phlla	To July 1907
Car & marine trusts \$200,000 semi-annually...GP	---	1901	1,000	1,200,000	4 ½ g	M & S	Reading Term Bldg, Phil	Mar 1907-1909
Equipment trust Serles C gold \$87,000 semi-ann...c	---	---	1,000	522,000	4 ½ g	M & N	do do	May '07-Nov '09
do do Serles D gold \$156,000 semi-ann...c	---	1902	1,000	1,248,000	4 ½ g	F & A	do do	To Aug 1910

Lines owned in fee.	Miles.	Leased lines—(Con.)	Miles.
Phlla. to Mt. Carbon, &c., and branches	129.18	Wilmington & North. RR.*	88.4
Lebanon Valley branch	59.26	Phlla. & Reading Term. RR.	1.3
Lebanon & Tremont branch	51.76	Reading Belt RR.	7.4
Mahanoy & Shamokin branch	59.86	Tot. leased (2d track 302.2)	644.2
Schuylkill & Susq. branch	53.37	Entire stock owned—	---
West Reading branch	1.86	Chester & Delaware RR.	5.3
Total (2 tracks, 183 miles)	355.39	Rupert & Bloomsburg	1.6
Lines leased—(See each Co.)	---	Middlet'n & Hummelst'n RR.	6.3
Colebrookdale RR	12.8	Tamaqua Hazleton & N. RR.	9.9
East Pennsylvania RR.*	35.4	Controlled—	---
Allentown RR.*	4.5	Central RR. of New Jersey	648.4
Little Schuylkill Nav. & RR.*	31.5	Reading & Columbia RR.*	39.6
Mine Hill & Schuy. Haven*	41.6	Lebanon & other branches	13.8
New York Short Line	9.4	Read, Marletta & Han, RR.	6.4
Mt. Carbon & Pt. Carbon RR.*	2.5	North East Penn. RR.*	25.9
Mill Creek & Mine H. RR.*	3.8	Phlla. & Chester Valley RR.*	23.9
Schuylkill Valley Nav. & RR.*	11.0	Atlantic City RR. & branches*	167.6
East Mahanoy RR.*	10.9	Cape May Del. Bay & Sew. Pt.	6.9
Shamokin Sunbury & L. RR.*	31.3	Ocean Street Pass Ry.	1.5
Phlla. German. & Nor. RR.*	29.9	Catasauqua & Fogelsv. RR.	29.5
Chestnut Hill RR.*	4.0	Gettysburg & Harrisburg Ry.*	34.1
Catawissa RR.*	103.0	Perkloven RR.*	38.3
Norristown Junc. RR.	0.4	Phll. Newtown & N. Y. RR.*	21.7
Norrist. & Main Line Conn.	0.8	Port Reading RR.*	21.2
North Pennsylvania RR.*	86.6	Pleckerling Valley	11.2
Delaware & Bound B. RR.*	33.8	Stony Creek RR.	10.1
Schuylkill & Lehigh RR.*	46.9	Phlladelphia & Frankford RR*	2.7
Phlla. Har. & Pltts. RR.*	47.1	(*See this company.)	---
Total system July 1906 (2d track, 845.3 miles)	2,125.6	Total controlled	1,126.0

From the company's docks at the extensive terminal at Port Richmond it operates a line of steamers and barges in coastwise coal traffic and provides berths with elevators and accommodations for several trans-Atlantic steamship lines. In Jan. 1901 control of Central RR. of New Jersey was acquired (V. 72, p. 86, 340, 392, 676; V. 73, p. 847).

STOCK.—The Baltimore & Ohio and the Lake Shore & Michigan Southern are jointly in virtual control, having acquired in 1903-04 over \$60,000,000 of the \$140,000,000 stock, consisting largely of preferred stock. V. 76, p. 102; V. 77, p. 350; V. 79, p. 2432.

The company has the right to convert the 2d preferred stock into one-half first preferred and one-half common stock. See V. 64, p. 709.

ORGANIZATION.—The Philadelphia & Reading RR. (chartered April 4 1833) and the P. & R. Coal & Iron Co. were sold in foreclosure Sept. 23 1896 and reorganized per plan in V. 61, p. 1109. See V. 64, p. 709.

The "Reading Company" in the reorganization acquired the security holdings, real estate, equipment, &c., of the old Phlla. & Reading RR. Co.; also the \$20,000,000 stock and \$20,000,000 bonds of the Phlla. & Reading Ry. and the \$8,000,000 stock of the Coal & Iron Co. The right to mine coal, given by the charter, is protected by the State Constitution of 1873. See V. 82, p. 393.

PROPERTY OF READING COMPANY.

Railway equipment leased to Ry. Co.	\$23,967,877
Real estate not appurt. to RR. (ann. revenue about \$175,000)	17,435,922
Colliders and barges leased to Ry. Co. for \$115,000 yearly	2,786,975
Leased and new equipment	13,423,066
Phlla. & Reading Ry. stock, \$20,000,000, and bonds, \$20,000,000, par	40,000,000
Philadelphia & Reading Coal & Iron stock at par	8,000,000
Miscellaneous securities at par (in 1896 yielded \$765,900)	71,239,438
Mtgs. and ground rents at par (not under '96-'97 mtge.)	374,095
Int. in Phlla. & Reading Coal & Iron above securities owned	79,165,226
Claims against other companies, &c.	7,277,434
Total July 1 1906 (see V. 81, p. 983)	\$263,670,034

PROPERTY OF PHILADELPHIA & READING COAL & IRON CO.

Coal lands owned, 91,640 acres, with improvements	\$72,732,867
Coal lands leased, 7,323 acres.	---
Timber lands owned, \$659,965; New York and Eastern depots, \$707,002; Western depots, \$693,203; coal on hand and other current assets, \$7,417,544; depletion fund, \$1,443,478	10,720,992
Stocks and bonds of companies controlled, nearly all of which are collateral for loans created prior to 1896	9,633,921
Stocks, bonds and mortgages	154,914
Total assets, per books, June 30 1906	\$93,241,794
Liabilities—Collateral sinking fund bonds, \$1,200,000, and current liabilities, \$3,526,646; total	\$4,816,646

SINKING FUND.—Whenever, in any year, a dividend is paid on the stock, an amount must be paid simultaneously to the trustee equal to 5 cents per ton on all coal mined by the Coal & Iron Company during the preceding year, if the aggregate of dividends so declared exceeds that sum; otherwise such lesser sum as shall equal the dividends so declared. Under this provision general mortgage 4s (not callable) were purchased and canceled as follows: In Mch. 1900, \$433,000; in 1901, \$391,000; 1902, \$443,000; 1903, \$253,000; 1904, \$495,000; in Mch 1905, \$448,000; 1906, \$493,000.

DIVIDENDS—Per ct.	1900.	1901.	1902.	1903.	1904.	1905.	1906.
1st preferred	3	4	3	4	4	4	4
2d preferred	0	0	0	1 ½	4	4	4
Common	---	---	---	---	None.	Below.	4
First div. on common 1 ½ %, paid Feb. 1 1905; Aug., 2 %.	V. 80, p. 2622.						

BONDS.—The General Mortgage 4s (abstract V. 64, p. 612), are secured by mtge. and pledge of all properties and securities embraced in the reorganization, and also all other property acquired thereafter by use of the new bonds. The mtge. is also subject only to the bonds for which reser-

vation is made, based upon properties or securities of all the lines of railroad owned, including the Phlla. & Reading Ry. Co. proper, 365 m.; various leasehold lines, 635 m.; all the property of the Coal & Iron Co., or the securities thereof; equipment valued at about \$18,000,000, also marine equipment. Also a first lien upon a majority of the stock of various companies owning 453 m. of railroad, and also on various bonds—1st in V. 64, p. 613, 709. Of the \$135,000,000 4s of 1897, \$51,206,000 were in July 1906 reserved to take up undisturbed bonds and \$8,000,000 for construction, equipment, &c., at not over \$1,500,000 per annum; of the issue \$2,957,000 had been canceled by the sinking fund and \$2,507,000 of the bonds issued had not been sold. V. 77, p. 2099. V. 83, p. 272.

Improvement mortgage 6% bonds of 1873 due Oct. 1 1897 were extended at 4% for 50 years from April 1 1897, payable in U. S. gold, and guaranteed principal and interest by the Reading Co. V. 64, p. 470; V. 65, p. 516. The consol 5s of 1882 for \$5,673,042 were also extended at 4% till Mch. 1 1937, the Reading Co. and the Coal & Iron Co. becoming responsible. See V. 65, p. 870, for contract. V. 65, p. 152, 870.

Terminal mortgage bonds, see V. 64, p. 85 and V. 60, p. 732.

For ten-year sinking fund loan see Jan. 1895 "Supp." The bonds were in 1902 extended to Feb. 1 1932 at 4%, p. & l. being guar. by the Reading Co., and slnk. fund reduced to \$30,000 yearly. V. 72, p. 242; V. 74, p. 206.

The Philadelphia Subway Loan is payable after 10 years from date in 20 annual instalments, to secure which \$500,000, bearing interest, has been deposited, and \$100,000 yearly is being set aside in monthly instalments. See V. 58, p. 1110; V. 62, p. 950; V. 63, p. 881; V. 71, p. 758. In Jan. 1906 made an agreement with the city of Philadelphia for removal of grade crossings, the city to contribute one-half. V. 81, p. 1437; V. 82, p. 281.

The Jersey Central collateral trust bonds (\$23,000,000 present issue) are secured by deposit of \$14,504,000 Cent. RR. of N. J. (cost \$23,200,000) of the \$27,431,800 stock outstanding, \$1,495,000 Perkloven stock and \$440,000 Port Reading RR. stock, the remainder of the \$45,000,000 authorized being reserved to acquire the minority stock of the Central Co. They are subject to call (since Apr. 1906) on any interest day at 105 and interest, on 60 days' notice. See abstract of mortgage, V. 72, p. 487; V. 73, p. 847.

The Wilmington & Northern stock trust certificates are secured by deposit of \$1,495,000 out of \$1,500,000 W. & N. stock. V. 72, p. 340.

Car trusts of 1899 see V. 69, p. 1346; V. 71, p. 759. The \$3,200,000 car trusts of 1901 cover 10 passenger and 38 freight locomotives, 1,000 steel coal and 500 gondola cars, 500 box cars. They are additionally secured by \$833,000 of the general mortgage 4s, which may be withdrawn as the car trusts are paid off. V. 72, p. 822. Real estate mortgages and ground rents; Reading Co., \$1,337,372; Phlla. & Reading Ry., \$212,069.

LATEST EARNINGS.—From July 1 to Aug. 31 (2 mos.) results were

2 mos. to Aug. 31.	P. & R. Ry.		Coal & Iron		Read. Co.		All Cos. total net.
	Gross.	Net.	Gross.	Net.	Net.		
1906	\$6,679,453	\$2,577,625	\$4,388,217	\$129,920	\$259,728	\$1,186,269	
1905	6,591,059	2,751,302	4,124,358	98,484	240,081	3,089,867	
Charges all companies 2 mos.	1906, \$1,781,000; balance, sur., \$1,186,269	do do do	1905, 1,736,382; balance, sur., 1,353,485				

ANNUAL REPORT.—Report for 1905-06 was given at length in V. 83, p. 748, 755, 888. See also editorial, p. 726.

Years ending June 30—	1906.	1905.	1904.
Railway company—Receipts	\$40,563,725	\$37,495,719	\$34,939,396
Expenses (incl. renewals, &c.)	25,676,523	20,490,786	21,148,592

Net earnings	\$14,887,202	\$17,004,933	\$13,790,804
Coal & Iron Co.—Receipts	\$34,038,540	\$36,099,420	\$35,251,174
Expenses	34,050,817	35,827,507	34,018,724

Net earnings	def \$12,277	\$271,913	\$1,232,450
Reading Co.—Net income	7,020,402	6,966,019	6,840,685

Net earnings all Cos.	\$21,895,324	\$24,242,855	\$21,872,938
Fixed charges and taxes	14,554,355	14,683,967	14,589,307

Surplus	\$7,340,969	\$9,558,888	\$7,283,631
Accumulated surplus	\$21,226,321	\$19,135,353	\$14,406,456
Dividends on 1st pref	(4)1,120,000	(4)1,120,000	(4)1,120,000
Dividends on 2d pref	(4)1,680,000	(4)1,680,000	(3 ½)1,470,000
Dividends on common	(4)2,800,000	(3 ½)2,450,000	---

Surplus end of year (all cos) ... \$15,626,321 \$13,885,353 \$11,816,456

OFFICERS.—Pres., George F. Baer; V.-P. and Sec., W. R. Taylor; Treas., Richard Tull; Comptroller, George Ziegler.

Directors.—Joseph S. Harris, George F. Baer, Henry C. Frick, E. T. Stotesbury, Henry A. Du Pont, Henry P. McKean, Samuel Diekson, Charles Steele and H. McK. Twombly. Office, Reading Term. Building Philadelphia.—(V. 83, p. 97, 272, 682, 748, 755, 888.)

RENSSELAER & SARATOGA RR.—(See Map Delaware & Hudson.)—Embraces 192 miles, viz.:



RAILROADS. For explanation of column headings, &c., see notes on first page of tables.	Miles of Road.	Date of Bonds.	Size, or Par Value.	Amount Outstanding	INTEREST OR DIVIDENDS.			Bonds—Principal, When Due. Stocks—Last Dividend.
					Rate %	When Payable.	Where Payable, and by Whom.	
<b>Reading Company—(Concluded)</b>								
Old Phila & Read RR—Bonds Underlying General	Mortg	age of	1897.					
Delaware River Terminal purch money M gold...c*	---	1892	\$1,000	\$500,000	5 g	M & N	Guaranty Trust Co, Phila	May 20 1942
Delaware River Term ext purch money M gold...c*	---	1892	1,000	809,000	5 g	J & J	do do	July 1 1942
zFirst M ext in '60 Phila to Pottsville \$ & £...c&r	94	1843	\$ & £	1,512,700	6	J & J	Philadelphia and London	July 1 1910
zMortgage loans of 1844, 1848 and 1849...c&r	94	'44-'49	1,000	954,000	6	J & J	Reading Term Bldg, Phil	July 1 1910
zMortgage loan of 1857 convertible...c	---	1857	500 &c	79,000	4 1/2	J & J	do do	July 1910
zMortgage loan of 1868 gold extended in 1893...c&r	148	1868	1,000	2,696,000	5 g	A & O	do do	Oct 1 1933
zConsol mortgage (\$8,162,000 are gold 6s)...FP.c&r	254	1871	200 &c	18,811,000	6 g & 7	J & D	do and London	June 1 1911
zImp M gold ext in '97 (See V 65, p 870) g. PeP.c&r	325	1873		9,363,000	4 g	A & O	Reading Term Bldg, Phil	April 1 1947
zConsol mortgage 5s ext in 1897 (V 65, p 278)...c&r	327	1882	500 &c	5,766,500	4 g	M & S	do do	Mar 1 1937
zTerminal mortgage gold (see V 64, p 85)...c&r	---	1891	1,000	8,500,000	5 g	Q—F	Prov Life & Trust, Phila	May 1 1941
zPhiladelphia City Subway Loan guar \$3,000,000...c	---	'94-'98		2,443,500	3 & 3 1/2		City Treasury	To 1921
zCol s f gold loan (RR) guar p & extended in 1902	---	1892	1,000	1,290,000	4 g	F & A	Reading Term Bldg, Phil	Feb 1 1932
Rensselaer & Saratoga—Stock 8% guar D & H (end)	192	---	100	10,000,000	8	J & J	Del & Hudson Co, N Y	July 2 1906 4%
First mortgage consolidated interest rental...c&r	79	1871	1,000	2,000,000	7	M & N	do do	May 1 1921
Richmond Fredericksburg & Potomac—Common stock	---	---	100	1,316,900	9 in 1906	J & J	Richmond, Va	July 2 '06 4 1/2%
Dividend obligations (same div as common stock)	---	---	100	1,072,000	9 in 1906	J & J	do	July 2 '06 4 1/2%
Stock guar 7% except \$19,300 guar 6%	---	---	100	500,400	9 in 1906	M & N	do	Nov 1906 4 1/2%
Consolidated mortgage \$500,000 gold...Ce.c&r	82	1890	1,000	500,000	4 1/2 g	A & O	N Y. Phila or Richmond	April 1 1940
General mortgage \$4,000,000	---	1903	Various	2,300,000	3 1/2	A & O	Richmond	April 1 1943
Rich & Meck—1st M \$315,000 gold (V 69, p 391)...c	31	1898	1,000	315,000	4 g	M & N	J P Morgan & Co	Nov 1 1948
Richmond & Petersburg—See Atlantic Coast Line RR.	---	---	---	---	---	---	---	---
Rich-Wash Co—Coll trust gold guar red 105...N.c&r	---	1903	1,000 &c	8,500,000	4 g	J & D	New York Trust Co, N Y	June 1 1943
Rio Grande Junction—Stock	---	---	100	2,000,000	4 1/2 in '06	Yearly	Maitland, Coppell & Co	March '06 4 1/2%
First mortgage gold guaranteed...Ce.c*	62	1889	1,000	2,000,000	5 g	J & D	52 William St, N Y	Dec 1 1939
Rio Grande Sierra M & Pac—1st M g \$20,000 p m...Ce	156	1897	1,000	2,000,000	6 g	J & J	Company's office, N Y	July 1 1917
Rio Grande Southern—First mortgage g \$2,277,000 gu	180	1890	1,000	4,510,000	4 g	J & J	Mait'd, Coppell & Co, NY	July 1 1940
Rio Grande Western—See Denver & Rio Grande.	---	---	---	---	---	---	---	---
Rochester & Genesee Val—Stock 6% rental Erie RR	18	---	100	555,200	6	J & J	Erie RR Co, New York	July 1906 3%
Rock Island Co—Common stock \$96,000,000	---	---	100	89,448,800			Checks mailed	
Preferred stock (see text) non-cum \$54,000,000	---	---	100	48,956,880			do	Nov 1 1905 1%
Bonds—See Chic R I & Pac RR, Chic R I & Pac Ry	St L	ouis &	San Fran	cisco RR	Chlc & E I	Illinois & c.		
Rockford Belt—See Illinois Iowa & Minnesota.	---	---	---	---	---	---		
Rome & Clinton—Stock (rental guaranteed)	---	---	100	\$345,360	6 1/2	J & J	By check, Clinton, N Y	July 1906 3 1/2%
Rome Watertown & Ogdensburg—Stock guar (end)	---	---	100	10,000,000	5	Q—F	Grand Cent Station, N Y	Nov 15 '06 1 1/2%
First M Water & R. Rome to Cape Vin s f n d'n.c*	97	1855	100 &c	417,800	6	M & S	do do	Sept 1 1910
Note—General mortgage of 1897 requires that the R	eadin	g Co	and	Readln	g Coal & Iron	Co. sha ll be resp	onsible for all old bonds m	arked z above

nection RR. in Richmond, 1.25 m.; total, 83 m.; being double-tracked. The dividend obligations carry no voting power. Rich. & Petersb. Connection RR. stock of \$140,000 receives 8% dividends under lease. The R. F. & P. RR. guaranteed stock is secured by mortgage.

The Richmond-Washington Co. (see below) in 1901 took over \$947,200 of the \$1,316,900 common stock, and "union" line of that company has been operated by Rich. Fred. & Potomac officials since Nov. 1 1901. V. 74, p. 149.

DIVS. on stock and } '94, '95, '96, '97, '98, '99, '00-04, '05, 1906. div. obligations... % 6 1/2 7 7 6 1/2 7 7 8 y'rly 9 9

BONDS.—Of the gen. 3 1/2s of 1903 due Apr. 1943 (\$4,000,000 authorized), \$3,500,000 were issuable for double-tracking and improvements (of which \$2,300,000, outstanding, is owned by Richmond-Washington Co. and pledged under its mtge. V. 81, p. 1178), the remaining \$500,000 being reserved to retire the consol. 4 1/2s at maturity. See V. 77, p. 2388, 2391.

EARNINGS.—1 month. } 1906.....Gross, \$158,376; net, \$55,374. July 1 to July 31. } 1905.....Gross, 144,256; net, 53,460.

REPORT.—Report for year ending June 30 1904 was in V. 80, p. 159. In 1905-06, gross, \$1,764,856; net, \$636,560; other income, \$3,016; charges, \$103,903; dividends, \$260,037; extraordinary expenditures, \$173,079; bal. sur., \$102,556.—(V. 78, p. 769; V. 79, p. 2457, 2748.)

RICHMOND & MECKLENBURG RR.—Keysville, Va., to Clarkesville, Va., 31 miles. Road is leased by Southern Ry. Co. for 50 years from Nov. 1 1898 for interest on bonds. (V. 69, p. 391.) Stock, \$357,900 (par \$100), of which \$300,000 owned by Southern Ry. Co.—(V. 71, p. 1121.)

RICHMOND & PETERSBURG RR.—See Atlantic Coast Line RR. Co.

RICHMOND-WASHINGTON COMPANY.—Controls a "union" line, Washington, D. C., to Richmond, Va., 115 miles, in the joint interest of the following roads, viz., the Pennsylvania RR., Baltimore & Ohio RR., Atlantic Coast Line Co., Southern Ry., Seaboard Air Line Ry. and Chesapeake & Ohio Ry., each of which owns one-sixth of the \$2,670,000 capital stock; operation began Nov. 1 1901. The entire road is to be double-tracked. V. 75, p. 78. Dividends in 1902, 3%; 1903 to 1905, inclusive, 4% yearly.

Incorporated on Sept. 5 1901 and acquired \$947,200 of the voting capital stock of the Richmond Fredericksburg & Potomac RR. and the entire stock of the Washington Southern Ry., extending from the South end of Long Bridge, across the Potomac River, to Quantico, 36 miles.

The collateral trust 4s of 1903 (\$11,000,000 authorized issue) are guaranteed, jointly and severally, principal and interest, by the six roads named above; of the bonds, \$8,500,000 have been sold for double-tracking and improvements. V. 77, p. 629, 695; V. 78, p. 584, 1393. See list of collateral and form of guaranty, V. 77, p. 2391; V. 81, p. 1178. Cal. year 1905, int. on investments and deposits, \$381,743; int., taxes, &c., \$281,409; divs. (4%), \$106,800; bal., def., \$6,566.—(V. 81, p. 1178.)

RIO GRANDE JUNCTION RY.—Owns road Rifle Creek, Col., to a connection with the Denver & Rio Grande at Grand Jct., 62 miles. This is a connecting link in the standard-gauge route between Ogden and Denver and Colorado Springs. Leased by Colorado Midland Railway and Denver & Rio Grande at 30% of gross earnings, which companies jointly and severally guaranteed the bonds, principal and interest. Of the stock the Denver & Rio Grande owned \$1,221,150 on June 30 1906. First dividend, 1898, 80 cts.; 1899, \$1 20; 1900, \$1 96; 1901, \$3 75; 1902, \$4; 1903, \$3 90; 1904 \$1 25; 1905, \$3 75; 1906, \$4 25. Year 1904-05, gross, \$619,381; rental, \$185,812.—(V. 78, p. 2385.)

RIO GRANDE RR.—V. 81, p. 212, 1666.

RIO GRANDE SIERRA MADRE & PACIFIC RR.—Organized in Mexico in 1896, incorporated in N. Y. State in June 1897, being completed from Ciudad Juarez via San Blas Mountains, Lake Guzman, Sabinal and San Pedro mining region to Terrazas, 162 miles. In Oct. 1904 the road was sold to W. C. Greene (Pres. of the Greene Consolidated Copper Co.) and associates, construction on extension from Terrazas to Deldrick, 135 miles, being suspended in June 1905. V. 79, p. 1462, 2086, 2458; V. 80, p. 1112. Capital stock is \$3,120,000 (\$20,000 per m.) and bonds are authorized at \$20,000 per m. Pres., W. C. Greene; Treas., E. J. Gates, 24 Broad St., N. Y.—(V. 80, p. 1112.)

RIO GRANDE SOUTHERN RR.—(See Map Denver & Rio Grande.)—Owns narrow gauge road Ridgeway, Col., southerly to Durango, 162 miles, and branches, 18 m. Stock, \$4,510,000, June 30 1906 \$3,158,237 owned by Den. & Rio Gr. See V. 63, p. 404. Mtge. abstract, V. 54, p. 163, and application to N. Y. Stock Exchange in V. 54, p. 446. Of the bonds, \$2,277,000 are guaranteed by D. & R. G. V. 70, p. 791. See guaranty, V. 70, p. 1293.

EARNINGS.—For 2 months ending Aug. 31:  
2 months— Gross. Net. Other Inc. Charges. Bal., sur.  
1906 .....\$101,838 \$43,612 \$3,707 \$36,049 \$11,269  
1905 ..... 95,636 47,597 3,189 36,043 14,743  
For year ending June 30 1906, gross, \$562,908; net, \$238,276; other income, \$8,398; interest, taxes, &c., \$214,350; surplus for year, \$32,324. In 1904-05, gross, 466,386; net, \$206,934.—(V. 71, p. 389.)

RIO GRANDE WESTERN RR.—See Denver & Rio Grande RR.

ROCHESTER & GENESSEE VALLEY RR.—Avon to Rochester, N. Y. 18 miles. Leased July 1 1871 in perpetuity to Erie Ry. Rental, \$34 012.—(V. 79, p. 2458.)

ROCK ISLAND CO.—(See Maps, pages 116, 117.)—Incorporated in New Jersey on July 30 1902 and acquired, per plan V. 75, p. 240, the entire stock (\$145,000 000) of the Chicago Rock Island & Pacific Railroad (new company), whose bonds, together with the stocks of the Rock Island Co., were issued in exchange for (1) \$69,938,400 of the \$74,842,600 stock of Chic R. I. & Pac Railway—which see—and, (2) per plan (V. 76, p. 1408, 1406), for over 99% of the \$20,000,000 St. Louis & San Francisco common stock. Chicago Rock Island & Pacific Ry., jointly with Union Pacific, controls Chicago & Alton. V. 79, p. 1462, 2206; V. 81, p. 1238.

ROAD.—The road, clearly shown on accompanying maps, includes:

	Miles oper.	Miles under constr.	Total miles	
ROCK ISL SYST.	6,926	161	7,087	
Ch. Rock Isl. & Pac.	6,926	161	7,087	FRISCO SYSTEM
Ch. R. I. & El Paso	111	41	152	St. L. & San Francisco 4,055
Ch. R. I. & Gulf	389	70	459	Ft. Worth & Rio Grande 196
Ev'sville & T. Haute	310		310	St. L. San F. & Tex. &c. \$142
				Chicago & Eastern Ill. 947
				St. L. Mem. & So. East 665
Total Rock Island	7,426	272	7,698	Total Frisco 6,317

aIncludes leased lines & trackage, 854 miles. \*Includes Paris & Gt. Nor. 17 miles.

In April 1906 extensions of the system were arranged from Fort Worth and Dallas, Texas, to Galveston, Houston and New Orleans. See V. 82, p. 870, 988, and Chic. Rock Isl. & Pac. Ry. and St. Louis & San Francisco.

STOCK.—Common stock authorized, \$96,000,000, preferred, \$54,000,000. The stock of the controlled companies issued and acquired, and the amounts of Rock Island Co. stock issued therefor, follow: V. 76, p. 1408.

	Total issued.	Total acquired.	Rock Isl. Co. issues—Common.	Preferred.
Ch. R. I. & Pac. Ry.	\$74,842,600	\$69,938,400	\$69,938,400	\$48,956,880
St. L. & San. F. com.stk.	29,000,000	28,904,300	19,510,402	-----
Total	\$103,842,600	\$98,842,700	\$89,448,802	\$48,956,880

The preferred stock is preferred as to capital and also as to non-cumulative dividends at the rate of 4% yearly for 1903 and thereafter to and including 1909, then 5% for 1910 and thereafter to 1916, inclusive, and thereafter 6%. The preferred stockholders are entitled to elect a majority of the directors. The authorized amount can only be increased with the consent of two-thirds of each class.

DIVIDENDS.—Dividends on pref., Feb. 1903 to Nov. 1905, both incl., 1% quar. (Q-F); none since July 1906. See V. 81, p. 1793; V. 82, p. 49.

BONDS.—As to Chicago Rock Island & Pacific Railway refunding mtge. of 1904, of which \$25,558,000 was sold in Nov. 1904, see that company and V. 78, p. 228, 234; V. 79, p. 1716, 2206.

STATEMENT as to securities, rights of shareholders, &c., V. 75, p. 1157.

EARNINGS.—For results of operations of the Chicago Rock Island & Pacific Ry. and its leased and auxiliary lines (forming the "Rock Island system"), and of the St. Louis & San Francisco lines ("Frisco system"), see those companies in this Section; also the Chicago & Eastern Illinois. The reports of the co's named were given in "Chronicle" of Oct. 21 1905.

The combined income account of the Rock Island Co. and the Chicago Rock Island & Pacific Railroad for the year ending June 30 1905 (see report, V. 81, p. 1238), is as follows:

	1905-06.	1904-05.	1903-04.
Divs. on C. R. I. & P. Ry. st'k owned	\$4,370,805	\$5,481,123	\$5,564,592
Other income	42,662	28,877	64,817
Total income	\$4,413,467	\$5,510,000	\$5,629,409
Expenses and taxes	\$24,006	\$36,519	\$56,924
Int. on C. R. I. & P. RR. bonds	3,664,442	3,647,373	3,495,113
Dividends on preferred	(1)489,504	(4)1,950,210	(4)1,947,608
Balance for year	sur \$235,515	def \$124,102	sur \$129,764

OFFICERS.—Chairman of Board, B. F. Yoakum; Pres., Robert Mather; Treas. and Sec., D. G. Reid; Asst. Treas. and Asst. Sec., George T. Boggs.

Directors—W. B. Leeds, Wm. H. Moore, D. G. Reid, F. L. Hine, Geo. G. McMurtry, James Speyer, D. G. Boisveain, Ogden Mills and John F. Thompson, New York; R. R. Cable, Robert Mather, James H. Moore and John J. Mitchell, Chicago; B. F. Yoakum, James Campbell, St. Louis; H. C. Frick, Pittsburgh, Pa.; Geo. T. Boggs, East Orange, N. J.

Finance Committee—Wm. H. Moore, Chairman; James Speyer, Robert Mather, D. G. Reid, J. H. Moore, F. L. Hine and B. F. Yoakum New York office, 71 Broadway.—(V. 82, p. 281, 335, 870, 929, 988.)

ROCK ISLAND & PEORIA RY.—See Chic. Rock Isl. & Pac. Ry. Leased by the Chic. R. I. & Pac. for 999 years from June 1 1902 for fixed charges and 6% on the stock, the C. R. I. & P. in 1903 acquiring title by deed, the \$9,700 stock unexchanged for its own stock being guaranteed dividends at 6% yearly, payable J. & J.

ROCKFORD BELT RY.—V. 80, p. 2459

ROGERS SOUTHWESTERN RR.—V. 83, p. 272.

ROME & CLINTON RR.—Owns road from Rome to Clinton, N. Y., 13 miles. Organized in 1869. Leased in perpetuity in 1891 to Delaware & Hudson Canal (now D. & H.) Co. and operated by N. Y. Ontario & Western.

ROME WATERTOWN & OGDENSBURG RR.—(See Map N. Y. Central & Hud. Riv. RR.)—Owns from near Niagara Falls to Massena Springs, N. Y., 301 miles, less 27 m., Richland to East Oswego leased from the Oswego & Rome RR. and Suspension Bridge to Lewiston Jct., 9 m.; and trackage to Suspension Bridge, 2 m.; Richland to Rome, 41 m.; branches to Cape Vincent, Ogdensburg, Pulaski, Fulton, &c., 110 m.; total owned, 414 miles. Leases Utica & Black River RR. (\$1,120,000 of \$2,223,000 stock owned), Utica to Ogdensburg, and Clayton branch, 150 m.; Oswego & Rome RR. (\$202,200 of \$214,900 stock owned), 27 m.; and Niagara Falls Branch RR., 9 miles; Carthage Watertown & Sacketts Hart nr. 29 m.; total, 629 miles.

LEASE.—In 1891 leased during corporate existence and renewals to N. Y. Central, which assumes the debt and guar. 5% on stock; guaranty, see V. 52, p. 463. Utica & Black River is leased in perpetuity, 7% on stock guaranteed.—(V. 72, p. 1238.)

RUTLAND RR.—(See Maps N. Y. C. & H. R. RR.)—Controls Rutland Transit Co., and operating steamers between Ogdensburg and Chicago, Duluth, &c. Operates passenger trains into Montreal from Noyan Jct. over Quebec Southern and Canadian Pacific, and to Troy and Albany over Boston & Maine and N. Y. C. & H. R. RR. V. 75, p. 1029.

RR. Lines Owned.	Miles.	Leased, &c.	Miles.
Bellow's Falls, Vt., to Ogdensburg, N. Y.	283	Lines to Ticonderoga, &c.	18
Rutland, Vt., to Chatham, N. Y.	114	Trackage	53
		Total operated	408

Table with columns: RAILROADS, Miles of Road, Date of Bonds, Size, or Par Value, Amount Outstanding, INTEREST OR DIVIDENDS (Rate %, When Payable, Where Payable, and by Whom), Bonds—Principal, When Due, Stocks—Last Dividend.

Owns entire \$100,000 stock and \$100,000 4% bonds of Rutland & Noyan RR., entire \$1,000,000 stock of Rutland Transit Co. and entire \$300,000 stock of Ogdensburg Term. Co. V. 75, p. 1029. (V. 73 p. 437; V. 72, p. 88, 822.) In Jan. '05 the N. Y. C. & H. R. RR. acquired \$4,694,100 preferred stock. V. 82, p. 934.

STOCK.—In Apr. 1906 all but \$199,400 com. stock had been exchanged for pref.—10 of com. for 1 of pref. V. 72, p. 439. Div. on '92-'95 '96 '97 '98 '99 '00 '01 '02 '03 '04 '05 1906 pf., % 4 yearly. 2 1 2 2 3 4 3 1 0 0 1 1/2% (Jan) Accumulated dividends on pref. said to aggregate 160%.

BONDS.—Rutland-Canadian mtge. is for \$1,350,000 (see adv. n "Chronicle" of July 15 1899). In 1902 \$1,000,000 4 1/2% equipment bonds were sold. V. 74, p. 728. Of the amounts shown in the table above as outstanding there were in the Rutland treasury Jan. 1 1906 \$500,000 Chatham & Leb. 4s, \$50,000 Ogdensburg Term. 4s. Of the Rutland Transit guar. 4s (\$400,000 present issue), 1-20 of outstanding amount is subject to call yearly at par on Dec. 1 from the proceeds of a sinking fund. V. 82, p. 693.

EARNINGS.—For 8 months ending Aug. 31 1906 gross, \$1,805,309 in 1906; in 1905, \$1,628,886. For 6 months ending June 30: 6 mos.— Gross. Net. Other inc. Int., Taxes, &c Bal., 1906 \$1,267,867 \$398,946 \$24,785 \$331,251 \$92,480 1905 1,142,291 359,572 27,733 300,703 86,602

REPORT.—Report for calendar year 1905 in V. 82, p. 688. —Years end. Dec. 31— Years end. June 30— 1905. 1904. 1903-04. 1902-03. Gross earnings \$2,562,089 \$2,437,037 \$2,414,452 \$2,376,563 Net earnings 846,486 801,717 768,928 717,767 Total net income 895,348 850,323 817,991 824,249 Deduct—Taxes & rentals 97,170 89,348 89,957 90,845 Int. on bonds 504,905 510,553 513,432 534,468 Int. on loans 2,425 1,463 1,229 1,229 Sinking fund for equip't b'ds. 100,000 100,000 100,000 100,000 Sp'l imp't items 103,043 103,043 Div. on pf. st'k (1 1/2%) 135,864 (1%) 90,576 Deprec'n writ. off 16,938

Balance, surplus \$38,046 \$148,959 \$11,559 \$7,131 Directors.—W. H. Newman (Pres.), Wm. K. Vanderbilt, Frederick W. Vanderbilt, H. McK. Twombly, J. P. Morgan, William Rockefeller, James Stillman and Chauncey M. Depew, New York; Percival W. Clement, Rutland, Vt.; W. Seward Webb, Morrisville, Vt.; Fletcher D. Proctor, Proctor, Vt.; Olm Merrill, Enosburg Falls, Vt.; Robert Treat Palne 2d, Boston, Mass.—(V. 80, p. 223, 473; V. 81, p. 1789, 1793; V. 82, p. 688, 693.)

RUTLAND & WHITEHALL RR.—Owns N. Y. State Line to Castleton, Vt., 7 m. Leased Feb. 1 1870 in perpetuity to Rensselaer & Saratoga RR. (rental, \$15,342—6% on stock) and so operated by Del. & Hudson. SACRAMENTO & LAKE TAHOE RY.—V. 81, p. 1175.

SAGINAW TUSCOLA & HURON.—Owns Saginaw, Mich., to Bad Axe, 66 miles. Stock, \$600,000; par, \$100. In year 1898-99, gross, \$147,448; net, \$45,644; other income, \$5,495. Leased to Pere Marquette RR. for 99 years from Feb. 1 1900 for guaranty of principal and interest of bonds (form V. 71, p. 30) and maintenance.—(V. 72, p. 88.)

ST. JOHNSBURY & LAKE CHAMPLAIN RR.—Owns Lunenburg, Vt., to Maquan Bay, on Lake Champlain, 120 m., and branch from North Concord, Vt., to East Haven, 11 m.; total, 131 miles. The road is operated independently, although a majority of the stock is owned by the Boston & Lowell, leased to Boston & Maine. Notes payable June 30 1906, \$279,211. Stock, com., \$2,550,000; pref., \$1,298,500; par of shares, \$50. In year 1905-06, gross, \$375,993; net, \$43,948; def. under charges (not including bonds owned by B. & M. and B. & L.), \$32,957.

ST. JOSEPH & GRAND ISLAND RY.—Owns St. Joseph, Mo., to Grand Island, Neb., 251 miles. Trackage, St. Joseph to Gower, Mo., 20 miles, and Gower to Kansas City, 41 miles.

HISTORY.—A reorganization Feb. 23 1897 (per plan in V. 62, p. 784, 950) of the St. Jos. & Grand Island Railroad, sold in foreclosure. Union Pacific interests are understood to be in control. V. 75, p. 907.

STOCK.—Com., \$4,600,000; 2nd pref., 4% non-cum., \$3,500,000; 1st pref., \$5,500,000 (see table above); par, \$100.

DIVIDENDS (%)—1898 1899 1900 1901 1902 None On 1st preferred 5 3 3 5 5 since. BONDS.—The 1st mtge. interest was 2% till Jan. 1 1899; then 3% till Jan. 1 1902 and thereafter 4%. Bonds for \$1,000,000 can be sold only for new mileage at not exceeding \$6,000 per mile. Mtge. is for \$5,000,000. See listing in V. 64, p. 1138. In May 1904 \$400,000 5% equipment notes were issued. V. 78, p. 1783.

LATEST EARNINGS.—11 months ending May 31: 11 months— Gross. Net. Int., tax., &c. Bal., sur. 1905-06 \$1,407,667 \$435,131 \$231,639 \$203,492 1904-05 1,172,472 274,945 234,536 40,409

ANNUAL REPORT.—Fiscal year ends June 30. Report for 1904-05, with balance sheet, was in V. 81, p. 1372. In 1905-06, gross, \$1,531,933; net, \$454,450; interest and taxes, \$246,286; bal., sur., \$208,164. In 1904-05, gross, \$1,299,033; net, \$304,034. Pres., W. T. Van Brunt Treas., Graham G. Lacy; Sec., Francis W. Russell, St. Joseph, Mo.—(V. 81, p. 1372; V. 83, p. 563.)

ST. JOSEPH SOUTH BEND & SOUTHERN RR.—Owns South Bend, Ind., to St. Joseph, Mich., 39 m. Stock, \$500,000 com. and \$250,000 5% pref. Leased to Ind. Ill. & Iowa RR. (now Chic. Ind. & Southern) for 50 years from Feb. 23 1900, the Michigan Central assuming operation on Feb. 15 1905, 5% per annum on pref. and 2% on com. are paid Mch. 15 and Sept. 15. In Sept. 1905 1/2% extra was paid on common. No bonds.—(V. 81, p. 841.)

ST. LAWRENCE & ADIRONDACK RY.—(See Maps N. Y. C. & H. R. RR.)—From Malone, N. Y. (on Mohawk & Malone), to Adirondack Jct., 56 miles, connecting there with the Canadian Pacific at its St. Lawrence

River bridge, Montreal. In Jan. 1905 the N. Y. C. & H. R. RR. acquired the entire stock. V. 82, p. 934.

Stock, \$1,615,000; par of shares, \$100. Dividends, 2 1/2% paid Sept. 1 1901; in 1902, March, 2 1/2%; in 1903, July, 3%. Current liabilities June 30 1905, \$48,467; equipment trusts, \$31,969. Earnings since July 1 1905 are included in those of N. Y. Central.

In 1904-05, gross, \$300,092; net, \$128,903; other income, \$637; charges, \$70,965; bal., sur., \$58,575. In 1903-04, gross, \$266,990; net, \$111,211. Pres., W. H. Newman.—(V. 80, p. 223.)

ST. LOUIS BROWNSVILLE & MEXICO RY.—Owns Brownsville, Tex., on Mexican boundary line northerly to Algoa, 344 m.; operated July 1906 branch from Harlingen to SamFordyce, 55 m., was opened in Dec. 1904 affording via Nat. RR. of Mex., a through line to City of Mexico. V. 81 p. 1666.

Extension from Bay City to Algoa, 58 m., was opened about Aug. 1 '06, whence trackage has been arranged to Houston and Galveston; extension is proposed to San Antonio. See V. 77, p. 350; V. 79, p. 1024. V. 80, p. 652; V. 82, p. 693. B. F. Yoakum of St. Louis & San Fran. and associates are in control. In July 1905 the Rio Grande RR., Brownsville, Tex., to Port Isabel, 14 miles, was acquired by the same interests. V. 81, p. 265, 1666.

Stock authorized, \$3,850,000; outstanding June 30 1906, \$1,221,500. Bonds are issuable at \$7,500 per mile; V. 80, p. 1236; V. 82, p. 569. In Oct. 1906 \$1,080,000 bonds were reported as outstanding, but application was made for permission to issue \$758,175 additional on completion of 102 miles of road. Year ending June 30 1906 (277 miles), gross, \$300,494; net, \$107,405; int. on bonds, \$63,575; bal., sur., \$42,830. Pres., B. F. Yoakum; Sec., H. W. Adams; V.-P., R. J. Kleber; 2d V.-P. and Gen. Mgr., Jeff N. Miller, Kingsville, Texas.—(V. 82, p. 693; V. 83, p. 891.)

ST. LOUIS & CAIRO RR.—See Mobile & Ohio RR.—(V. 70, p. 532.)

ST. LOUIS EL RENO & WESTERN RY.—Guthrie to El Reno, O. T., 42 m., opened in June 1904. The Ft. Smith & Western acquired 51% of stock in July 1906. The road will be operated independently as heretofore. V. 83, p. 272, 214. Extension is proposed from Guthrie to Peru Jct., Kan., 120 m., and from El Reno to a point near Hobart, 75 miles. Stock, \$970,800 as reduced July 1906. Bonds are subject to call at 102 1/2% on any interest day, beginning July 1 1913, or at any time at par if an extension is arranged at a lower rate of interest. V. 77, p. 350. Pres., J. C. Van Ripper, East St. Louis, Ill.; Treas., R. L. Rinaman; Sec., Lewis T. Tune. Year ending June 30 1905, gross, \$39,642; def. under oper., \$906.—(V. 81, p. 380.)

ST. LOUIS IRON MT. & SOUTHERN RY.—See Mo. Pac. Ry. system.

ST. LOUIS KANSAS CITY & COLORADO RR.—Forest Park (St. Louis) to Kansas City, Mo., 291 m.; branch, 1.4 m.; trackage, Forest Park to Union Station, St. Louis, 4 m. In May 1902 the C. R. I. & P. Ry. acquired the road. V. 76, p. 159; V. 74, p. 938; V. 75, p. 136, 794; V. 78, p. 768. Stock authorized, \$20,000,000; outstanding Feb. 1905, \$3,644,800; par, \$100. Pres., B. L. Winchell, Chicago.—(V. 75, p. 794.)

ST. LOUIS MEMPHIS & SOUTHEASTERN RR.—(See Maps Rock Island Co.)—St. Louis to Luxora, Ark., 242 m.; Cape Girardeau, Mo., to Leechville, Ark., 118 m.; branches, 305 m.; total mileage owned, 665 miles. Stock, \$12,500,000, all owned by the St. Louis & San Francisco.

BONDS.—The 1/2% of 1904, guar. prin. and int. by the St. L. & S. F. (\$16,000,000 authorized), issued per plan V. 78, p. 1908, are a first lien on 681 miles of road, and are further secured by a 5-year traffic agreement with St. L. & S. F. and Chic. & East. Ill. V. 83, p. 272. Litigation, V. 82, p. 49. Old bonds outstanding additional to those were in July 1906 \$54,000 Pemscot RR. 6s due Oct. 1 1914; \$65,000 Kennett & Osceola 5s due June 1 1917; \$10,000 So. Mo. & Ark. 5s due 1939; Houck's Mo. & Ark. 1st 5s, 1913, \$1,700; Chester Perryville & St. Genevieve Ry. bonds, \$140,000; total, \$270,700. St. L. M. & S. E. 1st 4s, 1952, red. 105, \$389,750.—(V. 75, p. 1148; V. 82, p. 335, 510; V. 83, p. 272.)

ST. LOUIS MERCHANTS' BRIDGE TERMINAL RY.—ORGANIZATION.—Double-track road from near Union Depot, via Main St., Hall St., &c., to Ferry St., opposite the Merchants' Bridge, 7 miles. It owns and controls the Madison Ill. & St. L. Ry., connecting the town of Madison and East St. Louis, 8 m.; total, 15 miles. Leases Merch. Bridge for int. on the Bridge Co.'s \$2,000,000 bonds. Litigation, V. 77, p. 299, 512; V. 81, p. 32.

Stock authorized, \$3,500,000; issued to Jan. 1 1904, \$2,939,000; par, \$100. On Dec. 31 1904 there was due to Term. RR. of St. L. \$1,208,489 for advances under its guaranty. In Nov. 1893 Term. RR. Assoc'n of St. L. guaranteed by endorsement the prin. and int. of its \$3,500,000 1st mtge. bonds and the interest on \$2,000,000 Merch. Bridge 6s. The 6s are subject to call beginning 1909 at 110 and interest.

EARNINGS.—Year ending June 30 1906, gross, \$1,773,299; net, \$856,496; charges, \$380,916; bal., sur., \$475,580.—(V. 81, p. 32.)

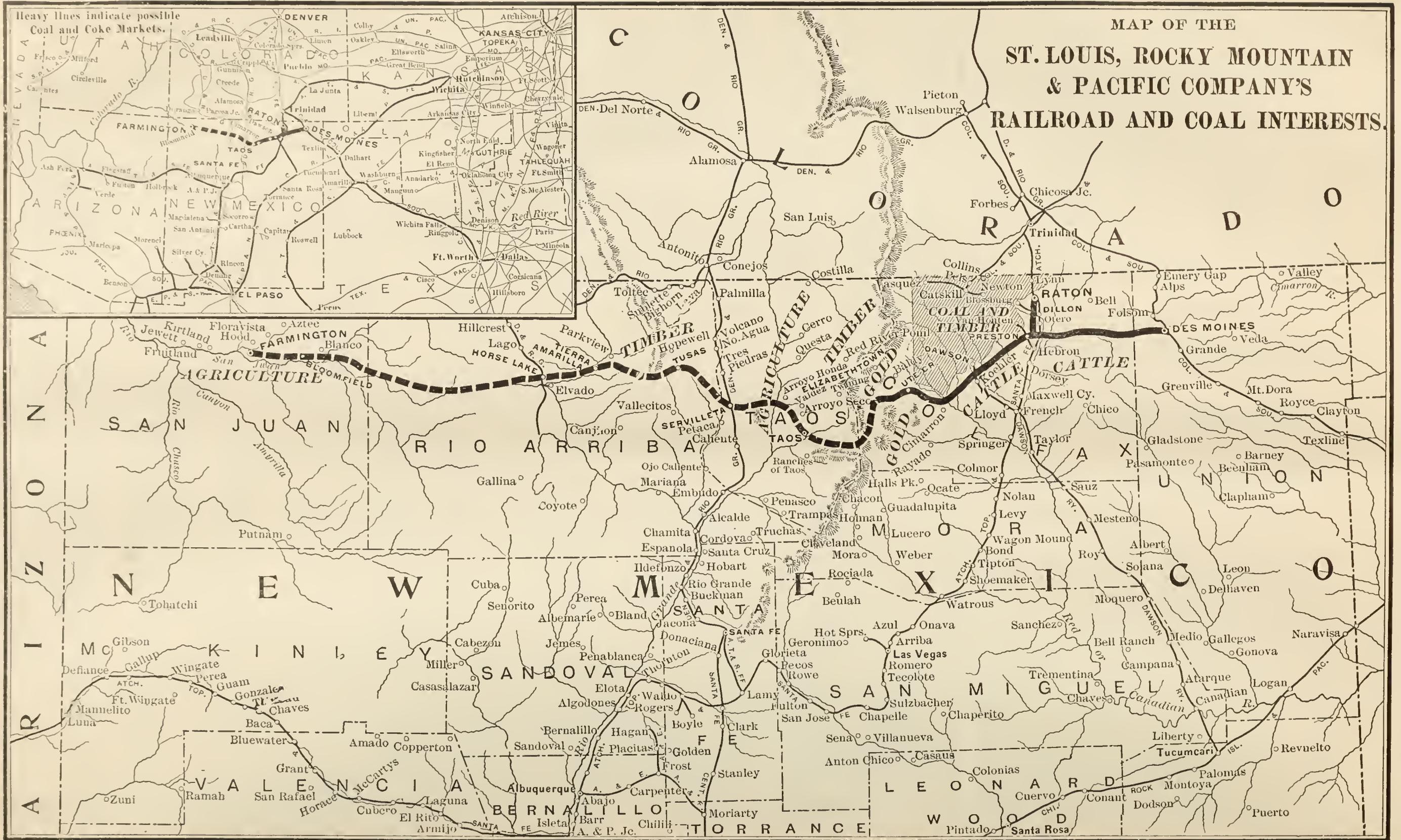
ST. LOUIS & NORTH ARKANSAS RR.—See Missouri & No. Arkansas RR.

ST. LOUIS ROCKY MT. & PACIFIC CO.—(See Map.)—Owns in fee 189,400 acres of coal lands and coal rights and surface necessary for mining in 314,300 acres additional near Raton, Colfax Co., N. M. Estimated tonnage 350,000,000 tons high-grade bituminous coal in 42,700 acres proven territory, with large reserve tonnage in remaining 461,000 acres. Affiliated interests control large lumber properties tributary to the railroad.

In Sept. 1905 contract was let to build a road from Des Moines, N. M., on Chl. South. westerly to Raton and thence southwest to Cimarron, to the Elizabethtown mining district, a total of about 120 miles, near completion. Stock authorized, common, \$10,000,000; pref. (as to assets and dividends), 5% non-cum., \$1,000,000. See full statement, V. 81, p. 265, 900, 1376; V. 82, p. 335. Fisk & Robinson financed the enterprise.

BONDS.—The bonds (\$15,000,000 authorized issue) are secured by a first lien on the entire coal property and by entire outstanding issues of stock and bonds (authorized \$3,500,000 stock and \$10,000,000 5% bonds) of St. Louis Rocky Mountain & Pacific Ry. Co.

Of the bonds, \$3,000,000 were issued to acquire the coal properties, \$500,000 are reserved to improve them and \$3,500,000 reserved to build and equip the 120 miles of road, remainder for future requirements. V. 81 p. 156. Pres., Henry Koehler Jr., St. Louis, Mo.; Treas., Charles Springer, Cimarron, N. M.; Sec., A. H. Officer, Offices, Raton, N. M., and Missouri Trust Building, St. Louis. Directors, V. 82, p. 1497.—(V. 82, p. 1497; V. 83, p. 39, 324.)



RAILROADS.				INTEREST OR DIVIDENDS.				Bonds—Princ- pal, When Due. Stocks—Last Dividend.
For explanation of column headings, &c., see notes on first page of tables.	Miles of Road.	Date of Bonds.	Size, or Par Value.	Amount Outstanding	Rate %	When Payable.	Where Payable, and by Whom.	
St Louis Rocky Mt & Pacific—1st M gold s f...Mp.c* & r	---	1905	\$1,000 &c	\$5,564,000	5 g	J & J	Flisk & Robinson, N Y	July 1 1955
St Louis & San Francisco—Common stock \$64,000,000	1,691	---	100	29,000,000	---	---	---	---
First preferred stock 4% non-cum \$5,000,000	1,691	---	100	5,000,000	See text.	Q—J	Checks mailed	Oct 1 1906 1%
Second preferred stock 4% non-cum \$31,000,000	1,691	---	100	16,000,000	See text.	Q—M	do	Dec 1 1905 1%
K C F S & M pref stock trust certs \$15,000,000 guar	---	---	100	13,510,000	4 g	Q—J	Mercantile Trust Co, N Y	Oct 1 1906 1%
C & E I common stock trust certs payable at 250 Col	---	---	100	10,416,000	10 g	J & J	Checks mailed	July 1 1942
guaranteed gold redeemable... payable at par. Col	---	---	1,000	3,051,400	4	J & J	do	July 1 1942
Pref stock trust certs \$6,830,700 guar red 150. Col	---	---	100	6,211,700	6 g	Q—J	do	July 1 1942
Refunding mortgage gold \$85,000,000... Mo.c* & r	2,597	1901	1,000 &c	63,452,000	4 g	J & J	Morton Trust Co, N Y	July 1 1951
Collateral trust notes red sec by St L M & S E stock	---	1904	1,000	4,993,317	5 g	J & D	New York	Dec 1 1906
Coll trust notes (St L S F & N O) gold red par... Ta	222	1903	1,000	7,124,900	4 1/2 g	J & D	do	Dec 1 1908
Notes for Ark Valley & W \$4,500,000 auth red par	---	1905	---	4,000,000	4 1/2	F & A	Bankers Trust Co, N Y	Feb 1 1912
Collateral trust notes (Col So N O & Pac) gold... N	---	1906	1,000	3,375,000	5 g	J & J	N Y Trust Co, N Y	Jan 1 1911
Bonds Underlying Refunding 4s.	---	---	---	---	---	---	---	---
Mo & W Div 1st M g \$5,000 yearly drawn at 105...c*	82	1879	1,000	124,000	6 g	F & A	Mercantile Trust Co, N Y	Aug 1 1919
St L & San Fran coll trust gold s f not drawn. Us.c*	101	1880	1,000	195,000	6 g	F & A	United States Trust, N Y	Aug 1 1920
Gen M gold (1st on 365 m) \$3,681,000 are 6s. Us.c*	986	1881	1,000	9,484,000	5 & 6 g	J & J	Mercantile Trust Co, N Y	July 1 1931
Collateral trust mortgage on branches gold... Us.c*	64	1887	1,000	439,000	5 g	A & O	Union Trust Co, N Y	Oct 1 1987
Consolidated M \$50,000,000 gold no optlon... Me	2,393	1896	1,000	1,558,000	4 g	J & J	Mercantile Trust Co, N Y	July 1 1996
Southwest Div M \$1,500,000 red at par gold. Ce.c*	112	1897	1,000	829,000	5 g	A & O	do	Oct 1 1947
Cent Div 1st M gold \$3,462,000 red at 102 1/2...N.c*	103	1899	1,000	145,000	4 g	A & O	do	April 1 1929
Northwestern Division mortgage redeem 102 1/2...N.c*	106	1900	500 &c	47,000	4 g	A & O	do	April 1 1930
St Louis Wchita & W 1st M redeem at 105 gold...c*	145	1879	1,000	304,000	6 g	M & S	do	Sept 1 1919
Ft Worth & Rio Gr 1st M gold old 5s lnt red...Ce.c*	196	1888	1,000	2,923,000	4 g	J & J	H B Hollins & Co, N Y	July 1 1928
Birm Belt 1st M gold red 102 1/2 gu p & l (end)...OB.c*	21	1902	1,000	1,000,000	4 g	A & O	Mercantile Trust Co, N Y	Oct 1 1922
Ft S & V B Bridge 1st M gold drawn 105 guar p & l...c*	---	1885	1,000	59,000	6 g	A & O	do	April 1 1910
Chicago & East Ill. Kansas City Ft Scott & Memph is, St	Louis	Memph is	& S E, a	nd Ozark	& Chero	kee Central, see those co	mpanies.	Dec 1906-1911
Equipment notes payable semi-ann., (V. 73, p 1314)	---	1901	5,000 &c	721,000	4	J & D	Blair & Co, New York	Feb 07-Feb '13
Equip notes gold Ser B red par \$62,000 due semi-ann	---	1903	4,000 &c	742,000	4 g	F & A	R Wlnthrop & Co, N Y	To May 1 1913
do do Ser C red par due \$50,000 semi-ann	---	1903	---	550,000	4 g	M & N	do	To May 1913
do do Series E \$12,188 monthly	---	1903	---	944,572	5 g	monthly	Amer Car & F Co, St L	Jan '07-Oct '10
do do Series F due \$58,000 quarterly...N	---	1903	---	812,000	5 g	J & J	Blair & Co, N Y	Apr '07-Apr '16
do do Series G due \$154,000 semi-ann. Ba	---	1906	1,000	2,926,000	4 1/2	A & O	do	---

\* In July 1906 \$10,000 Southern Missouri & Arkansas bonds were outstanding.  
 a Exclusive of \$125,000 additional deposited in special trusts. For underlying bonds deposited as security, see text.

ST. LOUIS & SAN FRANCISCO RR.—(See Maps, pages 116, 117.)—As shown by the maps, the system embraces: (\*See this Co.)

Lines owned—	Miles.	Track—	Miles.
St. Louis, Mo., to Okla., O. T.	543	Knoche Jct. to Kansas City	4
Springfield, Mo., to Knoche Jct. (Kan. City), Mo.	189	Leased and controlled by stock—	---
Monett, Mo., to Red River	286	K. C. Ft. S. & M. and trackage*	916
Oklahoma, O. T., to Red Riv.	175	Kan. City Mem. & Birm	286
Sapulpa, Ind. T., to Denison, Tex	193	Operated independently—	---
Peirce City, Mo., to Ellsworth, Kan	324	Fort Worth & Rio Grande	196
Hope, Ark., to Ardmore, I. T.	224	Paris & Great Northern	17
Beaumont, Kan., to Red River	318	St. L. San. Fran. & Tex. Ry. (incl. 31 miles track to Fort Worth)	125
Fayetteville, Ark., to Okmulgee, I. T.	144	St. Louis Memphis & S. E.*	665
Tulsa, I. T., to Avard, O. T.	175	Chicago & Eastern Illinois*	947
Branches in Missouri, Kansas and Arkansas, &c.	281	Total June 30 '06 (including 258 miles trackage)	6,006
		Evansville & Terre Haute	331
		Blrm. Belt RR. (V. 75, p. 1148)	21

Also owns jointly with Atchison, the Kan. So. Western Ry., 59 miles. In April 1906 the Colorado Southern New Orleans & Pacific RR., which is building a road from Baton Rouge, La., through Beaumont to Houston, Texas, and having trackage rights from Baton Rouge to New Orleans, was acquired. The Rock Island interests also acquired a half-interest in the Trinity & Brazos Valley Ry., owning a line from Cleburne to Mexia, Texas, and under construction from Mexia to Houston, and branch to Waxahachie, with trackage rights to Dallas, Fort Worth and Galveston. These lines, to be completed by Jan. 1 1907, gives the allied interests extensions from Fort Worth and Dallas to Galveston, Houston and New Orleans. V. 82, p. 87. The Frisco Oklahoma & Texas will build a branch from Oklahoma City, O. T., to Cornish, I. T., about 100 miles.

ORGANIZATION.—Organized June 30 1896 to succeed to the property and franchises of the Railway co. sold in foreclosure and recr. per plan in V. 62, p. 829 and 1140—see also p. 742. The system then aggregated about 1,500 miles.

In May 1903 the Rock Island Co. acquired \$28,904,300 of the \$29,000,000 common stock, the latter receiving (per \$100) \$60 in common stock of the Rock Island Co. and \$60 in 5% gold bonds of 1913 of the Chicago Rock Island & Pacific RR. See those companies, V. 76, p. 1086, 1249.

In 1902 Birmingham Belt RR. (V. 75, p. 1148), 21 miles of track around Birmingham, Ala., was purchased; also the St. Louis San Fran. & New Orleans Ry., Hope, Ark., to Ardmore, Ind. Ter., 224 miles, completed in Jan. 1904. V. 74, p. 1197; V. 75, p. 343.

The entire stock of the St. Louis Memphis & Southeastern RR. was acquired in Nov. 1902. See separate statement and V. 75, p. 1087, 1148.

The Arkansas Valley & Western RR., Red Fork to Avard, Okla., 175 miles, has been operated from Mch. 1 1904. V. 78, p. 49, 1168. Houston Beaumont & Northern, V. 78, p. 49, 1392.

The New Orleans Terminal Co. was organized jointly by the St. Louis & San Francisco and Southern Ry. systems, and issued 4% gold bonds (present amount \$10,000,000), which are guaranteed jointly by the St. L. & S. F. and the Southern Ry. V. 77, p. 38; V. 76, p. 1144. Rock Island-Frisco Terminal Ry. (St. Louis), see V. 82, p. 930.

In May 1901 acquired over 90% of the stock of the Ft. Worth & Rio Grande Ry. (now Fort Worth to Brady, 195 miles).

STOCK.—Common stock issued, \$30,808,000, of which \$1,808,000 held in treasury. The company reserves the right at any time to redeem either or both classes of preferred stock at par in cash. Provisions of preferred certificates were in "Supplement" of April 1897, p. 6.

DIVIDENDS.—'97. '98. '99. '00. '01. '02. '03. '04. '05. 1906. First preferred 2 4% per annum. 4 Second preferred 1 2 3 4 4 4 See below In Feb. 1906 the dividend on the second preferred was passed. V. 82, p. 335.

STOCK TRUST CERTIFICATES.—Kansas City Ft. Scott & Memphis Ry., Kansas City to Memphis, Tenn., with branches, 871 m., was acquired in 1901; its entire stock is owned and road leased for int. on bonds and 4% on pref. stock trust certs. (see above table), the new ref. bonds being guar. p. & l. See K. C. Ft. S. & M. in this issue and V. 72, p. 438, 532, 581, 1238. In July 1905 all of the \$7,217,800 common and \$6,211,700 of the \$8,830,700 pref. Chicago & East. Ill. RR. stock had been acquired, the St. L. & S. F. giving in exchange its stock trust certs. at the rate of \$100 for each \$100 share upon which 10% and 6% divs., respectively, are paid. The stock trust certs. so issued were based upon the deposit of shares of stock of \$100 par value each, but were redeemable on or before Oct. 1 1942 at the rate of \$250 for each share of com. and \$150 for each share of pref. In 1905 the holders of a majority of the com. stk. trust certs., preferring to have a security redeemable at par instead of at the rate of \$250, exchanged their certs. for a new form in the denomination of \$1,000 each, representing the deposit of four shares of stock. Int. on these latter certs. is payable at the rate of 4% per annum, so that both the income and prin. are unchanged—only form of security being changed. (See form, V. 80, p. 1857.) See Chl & E. Ill. on a preceding page and V. 75, p. 291, 393, 1031, V. 81, p. 1551.

BONDS.—Consol. mortgage of 1896, see abstract in V. 64, p. 186. REFUNDING 4 PER CENTS OF 1901 (V. 77, p. 2391; V. 83, p. 752):

	Authorized.	Issued.
1. To retire underlying bonds	\$62,500,000	\$44,972,600
2. For improvements, betterments, new equipment, &c., at \$1,000,000 per year	6,000,000	6,000,000
3. Additional lines, extensions, &c., at cost	\$16,500,000	12,604,400

Total \$85,000,000 \$63,577,000  
 a To retire \$38,390,000 underlying bonds mentioned below. x At not exceeding \$32,000 per mile (incl. underlying liens) \$4,500,000; at not exceeding \$22,500 per mile (incl. underlying liens) \$12,000,000. b Includes: \$125,000 in trust for Northwestern Division Improvement fund.

The underlying bonds which have been deposited as security under the refunding mortgage, and which are therefore kept alive, are:

A B and C 6s of 1906	\$5,539,700	Trust 5s of 1887	660,000
Mo. & W. Div. 6s	866,000	Southwest Div. 5s	\$671,000
St. L. Wich. & West. 6s	1,696,000	Cent. Div. 4s	1,817,000
Trust 6s of 1880	731,000	St. L. Okla. & So. 4s (all)	4,650,000
Ft. Smith & Van Bur. Br. 6s	146,000	Kansas City Div. 4s (all)	2,324,000
Gen. mort. 6s of 1881	4,126,000	do do 3s (all)	976,000
do 5s	6,488,000	Northwest. Div. 4s	1,253,000

There have also been acquired and deposited under the refunding mortgage the following stocks and 4% bonds, representing new extensions (being entire issues on account thereof), the latter aggregating 551.14 miles. (As to location, see V. 77, p. 1538, 1537.)

Name of road—	Miles.	Stock.	Bonds.
Oklahoma City & Western RR.	174.85	\$5,000,000	\$4,023,000
Oklahoma City & Texas RR.	8.68	---	---
Ft. Worth & Rio Grande Ry.	49.72	\$2,842,000	\$994,000
Sulphur Springs Ry.	8.72	200,000	174,000
Blackwell Enld & Southwestern Ry.	238.67	500,000	4,500,000
Blackwell Enld & Texas Ry.	12.75	---	173,000
Red River Texas & Southern Ry.	57.53	400,000	815,000

a Substantially the entire issue. x Issued for extension from Brownwood to Brady, Tex. (entire amount); total length of road, 195.88 miles, balance of issue, \$2,923,000, being in hands of public. Ozark & Cherokee Central and St. Louis Memphis & S. E. guaranteed bonds, see V. 78, p. 2335. 1908: also those companies.

COLLATERAL TRUST GOLD NOTES.

Of the \$9,160,000 of 5 year 4 1/2% gold notes of Dec. 1903, \$7,125,000 are issuable per plan V. 77, p. 2281, to acquire the entire (\$1,060,000) outstanding pref. stock of the St. Louis San Fran. & New Orleans RR., extending from Hope, Ark., to Ardmore, I. T., 224 m., with proposed Platte cut-off, 9 m., and the St. Louis San Fran. & New Orleans extension coll. tr. 4s, the latter being secured by all the issued 1st M. bonds (\$6,487,000) and all the \$6,021,000 outstanding com. stock of the St. L. S. F. & N. O. RR. The gold notes issued are thus virtually secured by a first lien on the St. L. S. F. & N. O. RR. The remaining \$2,035,000 notes are reserved against deposit of additional ext. bonds hereafter issued at rate of \$900 notes to \$1,000 extension bonds. The whole or not less than \$250,000 may be called on 30 days' notice.

The collateral trust 2 1/2-year notes due Dec. 1 1906 (\$5,000,000 authorized issue) are secured by deposit of the entire (\$18,500,000) St. L. Mem. & Southeast. and St. L. & Gulf stock. They are subject to call at par. V. 78, p. 1908, 2335; V. 79, p. 2748. Litigation, V. 82, p. 49.

The 4 1/2% notes of 1905 (\$4,500,000 authorized issue) are secured by the entire \$4,500,000 Arkansas Valley & Western bonds and \$4,500,000 stock. Of the notes, \$4,000,000 were sold, balance reserved until that amount is expended on Ark. V. & W. V. 80, p. 601.

The \$7,500,000 5% notes of 1906 will be secured by \$8,500,000 first mortgage bonds of the Col. So. New Or. & Pac., and its entire stock. V. 82, p. 871, 988.

LATEST EARNINGS. 1906.....Gross, \$7,540,870; net, \$2,587,137. 2 mos. July 1 to Aug. 31. 1905.....Gross, 6,709,318; net, 2,205,455.

ANNUAL REPORT.—Report for the year ending June 30 1906, showing operations of system, comparison being made with same lines for preceding years, was given at length in V. 83, p. 747, 763; see also editorial, V. 83, p. 726.

Year ended June 30—	1906.	1905.	1904.
Average miles	5,069	5,030	4,217
Freight earnings	\$21,955,975	\$20,111,455	\$18,776,231
Passenger earnings	7,908,644	7,647,578	5,982,083
Mall	704,415	678,726	620,320
Express	882,232	871,837	762,469
Miscellaneous	595,389	648,644	755,627

Total earnings	\$32,046,657	\$29,958,240	\$26,896,731
Net earnings	11,501,123	10,661,223	9,140,479
Other income	---	---	59,695
Dividend on C. & E. Ill. stock	1,632,660	832,113	823,418

Total net income	\$13,133,783	\$11,493,336	\$10,023,592
Deduct—			
Taxes	\$943,559	\$848,696	\$702,759
Interest, rentals, &c.	8,246,206	8,015,929	6,473,559
Dividend K. C. Ft. S. & M.	540,400	540,400	540,400
Improvements, &c.	---	---	78,534
Dividend C. & E. Ill. stock tr. certs.	1,094,382	1,064,182	964,702
Dividend on first preferred, 4%	199,742	199,742	199,742
Dividend on second preferred, 4%	(2)320,000	640,000	640,000
Balance, surplus	\$1,789,394	\$1,884,386	\$423,896

a In 1905-06 the Chicago & Eastern Illinois had a surplus after payment of dividends of \$37,692, making total surplus of system for year \$1,827,086.

OFFICERS.—Chairman of Board, D. G. Reid; Pres., A. J. Davidson; 1st Vice-Pres., Robert Mather; Sec. and Treas., Frank H. Hamilton; Comptroller, C. W. Hillard. N. Y. office, 71 Broadway.

DIRECTORS.—(Oct. 1906) B. F. Yoakum, D. G. Reid, F. L. Hine, W. H. Moore, C. W. Hillard, of New York; Nathaniel Thayer, Benj. P. Cheney, of Boston, Mass.; H. C. Pierce, A. J. Davidson, Wm. K. Blxby and James Campbell, St. Louis; Robert H. Mather and J. H. Moore, Chicago. Executive Committee, B. F. Yoakum (Chairman), James Campbell, F. L. Hine, Robert Mather, James H. Moore, William H. Moore and Daniel G. Reid.—V. 83, p. 752, 763, 819, 891.

ST. LOUIS SAN FRANCISCO & TEXAS RY.—V. 79, p. 2148.)

RAILROADS. For explanation of column headings, &c., see notes on first page of tables.	Miles of Road.	Date of Bonds.	Size, or Par Value.	Amount Outstanding	INTEREST OR DIVIDENDS.			Bonds—Principal, When Due. Stocks—Last Dividend.
					Rate %	When Payable.	Where Payable, and by Whom.	
St. Louis Southwestern—Common stock \$35,000,000			100	16,356,100				
Preferred stock 5% non-cumulative \$20,000,000			100	19,893,650				
First mortgage certs (\$16,500 per mile) gold—Ce.c*	1,223	1890	1,000	20,000,000	4 g	M & N	Central Trust Co, N Y	Nov 1 1989
Second M 4% Inc \$10,000,000 non-cum gold—Me.c*	1,223	1891	500 & c	3,260,500	4	J & J	Mercantile Trust Co, N Y	Nov 1 1989
Gray's Pt Term'l, 1st M, gu, p & l. g. SSt	16	1897	1,000	500,000	5 g	J & D	N Y, B Gr Tr & St L.	Dec 1 1947
First refunding and extension mtge \$4,000,000 gold		1906		See text.	5 g			1956
First consolidated mortgage \$25,000,000 g—B.c.* & r	1,271	1902	1,000	18,122,750	4 g	J & D	Bowling Gr Trust Co, NY	June 1 1932
Shreveport Bidge & Term 1st M \$500,000 g gu p & l.		1905	1,000	350,000	5 g	F & A	St Louis, Mo	Aug 1 1955
St. Louis Troy & Eastern—First M \$500,000		1904	500	500,000	5 g	J & D	Miss Val Tr Co, St Louis	Dec 1 1924
St. Louis Watk & Gulf—1st M \$1,225,000 gold & £	101	1902	\$ & £	983,360	5	J & J	New York and London	Jan 1 1930
St. Paul Eastern Grand Trunk—1st M gold Int guar	56	1883	1,000	1,120,000	6 g	J & J	Office C & N W, 52 Wall	Jan 1 1913
St. Paul Union Depot—First M gold interest as rental		1880	1,000	250,000	6 g	M & N	Central Trust Co, N Y	May 1 1930
Consol M gold (\$100,000 are 4s) interest as rental		1894	1,000	250,000	4 g & 5g	M & N	Northwestern Trust Co	May 1 1944
Salt Lake & Los Angeles—First mortgage gold—Mo.c	15	1893	1,000	300,000	6 g	J & J	Salt Lake City	Jan 1 1913
Salt Lake & Mercur—First mortgage \$300,000 gold—B	12 1/2	1898	1,000	250,000	5 g	M & N		May 2 1918
San Antonio & Aransas Pass—Stock			100	1,000,000				
First M \$21,600,000 gold guar p & l (end)—Ce.c.* & r	723	1893	1,000	17,544,000	4 g	J & J	Central Trust Co, N Y	Jan 1 1943
San Diego Cuyamaca & Eastern Ry—1st M gold—Me	25	1888	500 & c	550,000	6 g	J & J	1% paid in 1901-1902.	July 1 1918
San Francisco Idaho & Montana—1st M \$5,000,000 g				See text.				
San Francisco & Nor Pacific—1st M gold s f—Me.c.* & r	165	1889	1,000	3,829,000	5 g	J & J	25 Broad, NY; & Frank't	Jan 1 1919
Cal North 1st M \$2,000,000 gold guar p & l sink fd	60	1898	1,000	985,000	5 g	A & O	San Francisco & N Y	April 1 1928
San Francisco & San Joaquin Valley—See Atchison To	peka & Santa Fe.			See text.				
San Pedro Los Ang & S Lake—1st M \$50,000,000 g Eq		1903		See text.	4 g	J & J	Equitable Tr Co, N Y	July 1 1953
San Pete Valley—First mortgage gold		1894		565,000	4 g	J & J		1923
Second mortgage		1895		250,000	4	J & J		1921
Santa Fe Central—First mortgage \$2,500,000 g—P.Pi.c*	117	1901	1,000	2,000,000	5 g	J & D	Pittsburgh, Pa	Dec 1 1941
Santa Fe Prescott & Phoenix—1st M \$5,000,000 g—Mec*	198	1892	1,000	4,940,000	5 g	M & S	Mercantile Trust Co, N Y	Sept 1 1942
Second mortgage gold	198	1893	1,000	2,964,000	5 g	J & J	5 Nassau Street, N Y	July 1 1943
Prescott & Eastern 1st M \$375,000 p & l guar—Ce	26 1/2	1898	1,000	375,000	5	A & O	Central Trust Co, N Y	April 1 1928
Santa Fe Raton & Des Moines—1st M gold—Usm.c	41	1906	1,000	1,000,000	5 g	M & S	U S Mtge & Trust Co, NY	Mar 1 1936
Santa Fe Raton & Eastern—1st M g guar p & l—Usm.c	16	1905	1,000	300,000	5 g	M & S	do do	Mar 1 1935
Santa Fe Liberal & Engle—1st M \$8,000,000 auth—Usm		1906	1,000	See text.	5 g	J & J	do do	July 1 1936
Saranac & Lake Placid—See Chateaugay & Lake Pla	old							
Sault Ste Marie Bridge—1st M gold s f—Usm.c	1 1/2	1887	1,000	900,000	5 g	J & J	44 Wall Street, New York	July 1 1937
Savannah Florida & Western—See Atlantic Coast Line	RR.							
Sav & Statesboro—1st M \$500,000 guar p & l (end)—c*	33	1903	\$1,000	\$185,000	5 g	J & J	Savannah Trust Co	Jan 1 1953
Savannah Union Station Co—1st M \$600,000 g—Mo. r		1902	1,000 & c	600,000	4 g	A & O	Standard Trust Co, N Y	April 1 1952
Schenectady & Duaneburg—See Delaware & Hudson Co.								

ST. LOUIS SOUTHWESTERN RY.—(See Map.) Embraces:

St. Louis Southwestern Ry Co.	St. Louis Southw. Ry. Co. of Texas.
Main Line—Delta to Texark. 412.4	Main Line—Texark. to Gatsv. 304.9
Illinois Division (trackage) 138.2	Fort Worth Branch 154.8
Calro branch 57.9	Dallas Branch 13.7
New Madrid Branch 5.2	Sherman Branch 52.3
Grays Point Term. Ry. (leased) 16.4	Hillsboro Branch 40.0
Stuttgart Branch 34.8	Lufkin Branch 115.4
Little Rock Branch 44.4	
Shreveport Branch 61.2	

Total of all operated mileage June 30 1906 1,451.6  
 Also has St. Louis Iron Mountain & Southern trackage, not included in operating accounts, viz.: St. Louis to Bismarck, Mo., 75.4 miles; Bismarck, Mo., to Delta, 74 miles; Memphis, Tenn., to Fair Oaks, Ark., 60 miles, making the total lines 1,651 miles. V. 77, p. 90. Of the 1,307 miles main track, 9 are laid with 85-lb., 708 with 75-lb., 30 with 70-lb., 519 with 56-lb. and rest with 35 and 60-lb. steel rails.  
 On Sept. 1 1906 the Eastern Texas RR., Lufkin to Kennard, 30 miles, was acquired. V. 83, p. 815.

ORGANIZATION.—Reorganization per plan in V. 50, p. 141, 561, 0 St. Louis Arkansas & Texas, sold in foreclosure in October, 1890.

BONDS.—The first mortgage certificates are issued against a like amount of first mortgage bonds secured upon the constituent lines at a rate not exceeding \$16,500 per mile, and the second mtge. certificates against second mtge. bonds at \$8,250 per mile.

The first consols of 1902 (authorized issue \$25,000,000) are secured by all the property of the company, subject to the prior outstanding bonds. Of the amount \$6,000,000 were issued to retire \$1,700,000 equipment bonds and other capital requirements; \$9,000,000 were reserved to retire by exchange the \$10,000,000 second mtge. income bonds (of which \$6,739,500 had been acquired in July, 1906), and the remaining \$10,000,000 for the acquisition of branch lines at not over \$20,000 per mile, acquisition and improvements. (V. 75, p. 136.) See V. 74, p. 328, 578, 630, 831; V. 75, p. 790; V. 77, p. 2160; V. 79, p. 2148; V. 80, p. 473, 872. Equipment trust notes in hands of public June 30 1906, \$193,000.

Gray's Point Terminal guaranty of 1st 5s in V. 69, p. 1062. St. Louis So. W. owns all stock and leases road for fifty years. (V. 65, p. 413.)

The stockholders voted Oct. 1906 to guarantee not exceeding \$4,000,000 Gray's Point Terminal Ry. first refunding and extension 50-year gold 5s and a supplemental agreement or lease providing for the use of the latter's terminals and other properties for 50 years from Aug. 1 1906. V. 83, p. 273, 819, 890.

The Shreveport Bidge & Terminal Co., which is controlled, is leased for 50 years from Aug. 1 1905. Its \$500,000 bonds (\$350,000 issued) being guaranteed. V. 81, p. 1097, 1101; V. 82, p. 753; V. 83, p. 815.

EARNINGS.—2 mos., 1906—Gross, \$1,566,548; net, \$478,842. July 1 to Aug. 31, 1905—Gross, 1,380,057; net, 338,162.

ANNUAL REPORT.—Annual meeting is held at St. Louis, Mo., on the first Tuesday in October. Report for 1905-06 was in V. 83, p. 814.

Year ending June 30—	1906.	1905.	1904.	1903.
Gross earnings	\$8,989,564	\$8,860,231	\$7,649,485	\$7,278,575
Operating expenses	6,699,444	6,219,373	5,421,597	5,256,164

Net earnings	\$2,290,120	\$2,640,858	\$2,227,888	\$2,022,411
Total net, incl. other inc.	\$2,452,707	\$2,823,833	\$2,304,357	\$2,205,014
Taxes	248,178	218,195	174,515	161,750
Int. on 1st & cons. mtges.	1,476,260	1,373,076	1,304,600	1,297,200
Int. on 2d mtge. bonds	130,420	130,420	130,460	130,460
Equipment payments			25,000	
Rentals, &c.	31,213	58,320	131,414	51,228

Bal. over all payments. \$566,635 \$1,043,822 \$538,408 \$564,375

OFFICERS.—President, Edwin Gould; Vice-President and General Manager, F. H. Britton; Treas., G. K. Warner; Sec., Geo. Erbeling. Directors.—Edwin Gould, New York; R. M. Galloway, Howard Gould, Winslow S. Pierce, William H. Taylor and E. T. Jeffery, New York; Murray Carleton, H. H. Britton and Tom Randolph, St. Louis. Office, 195 Broadway, N. Y.—(V. 83, p. 273, 814, 819.)

ST. LOUIS TROY & EASTERN RR.—East St. Louis, Ill., to Troy, Ill., with branch, 1 mile, to Donkville, Ill.; total, 20 miles of road (27 1/2 miles of track). Stock, \$350,000, all outstanding; par of shares, \$100. For year ending June 30 1905, gross, \$303,409; net, \$203,440; other income, \$25,322; total deductions, \$49,640; dividends, \$87,500; bal., sur., \$141,262. Car trusts June 30 1905 \$59,490. Pres., Edwin H. Conrades; Sec. and Treas., Julius L. Winkelmeyer. Office, 314 N. 4th St., St. Louis, Mo.—(V. 77, p. 251; V. 79, p. 2087; V. 80, p. 473.)

ST. LOUIS WATKINS & GULF RY.—Lake Charles to Alexandria, La., 98 miles, with two branches 3 miles. See V. 74, p. 630, 681. Stock auth., \$1,225,000; issued, \$993,360; par of shares, \$20. Bonds authorized, \$1,225,000; present issue, \$983,360, consisting of \$500,000 in \$500 bonds and \$100,700 in \$100 bonds, valued at \$4.87 per £. The St. Louis Iron Mountain & Southern (Mo. Pacific System) in 1905 acquired control. Year ending June 30 1906, gross, \$298,332; net, \$144,643; other income, \$8,869; charges, \$63,851; bal., sur., \$89,661. President, Geo. J. Gould.—(V. 81, p. 508.)

ST. PAUL.—See Chicago Milwaukee & St. Paul.

ST. PAUL EASTERN GRAND TRUNK RY.—(See Map Chicago & N. W.)—Owns from Oconto to Clintonville, Wis., 56 miles. Leased Oct. 30 1884 for 99 years to Milwaukee Lake Shore & Western. Rental 30% of gross earnings, interest on bonds being guaranteed. Lease acquired Aug. 16 1893 by Chicago & North West, through purchase of Milwaukee Lake Sh. & W.

(THE) ST. PAUL UNION DEPOT CO.—Owns Union Passenger Station with 8.76 miles of track (additional tracks being put in July 1902), the stock being owned equally by the following:

Great Northern, Northern Pacific, Chic. St. Paul Minn. & Omaha, Chic. Mil. & St. Paul, Chic. Great Western, Chic. Bur. & Quincy, Minn. St. Paul & S. Ste. Marie, Minn. & St. Louis and the Chic. R. I. & Pac.

Authorized stock, \$1,000,000. Rental covers interest on bonds and 4% on stock since May 1 1902; from 1890 to May 1902 6% dividends were paid. Year ending Dec. 31 1904, gross, \$188,864; net, \$25,935; other income, \$36,565; int. on bonds, \$26,500; dividends, \$36,000. Pres., A. W. Trenholm; Vice-Pres., S. C. Stickney; Sec., W. G. Johnson.—(V. 74, p. 1090.)

SALT LAKE & LOS ANGELES RR.—Road from Salt Lake to Saltair Beach, Utah, 15 miles, standard gauge—see V. 65, p. 824. Stock, \$300,000 leased to J. E. Langford for 1 year from April 15 1905. Year ending April 15 1905, gross, \$73,000; net, \$30,000.—(V. 65, p. 824.)

SALT LAKE & MERCUR RR.—Fairfield to Mercur, 12 1/2 miles. Stock, \$300,000; par of shares \$100. Bonds, see table. Calendar year 1903, gross, \$67,605; net over taxes, \$27,275. President, L. L. Nunn, Telluride, Col. (V. 77, p. 770; V. 79, p. 1024.)

SAN ANTONIO & ARANSAS PASS RY.—Owns from Kerrville to Houston, 308 miles; Kenedy to Corpus Christi, Tex., 90 miles; Yoakum to Waco, 171 miles; Skidmore to Alice, 43 miles; Shiner to Lockhart, 54 miles; Gregory to Rockport, 21 miles; Alice to Falfurrias, 36 miles; total, June 30 1906, 723 miles, all 50-lb. steel.

HISTORY.—Reorganized without foreclosure sale in 1893.

BONDS.—Mortgage is for \$21,600,000 (trustee, Central Trust Co.) and the So. Pacific Co. by endorsement on each bond guarantees unconditionally "the punctual payment of the principal and interest." Bonds for \$2,700,000 reserved for extensions, limited to 100 miles at \$27,000 per mile, equaled. See full abstract of mtge. in V. 56, p. 540. Car trusts June 30 1906, \$94,872. Notes held by Southern Pacific Co. June 30 1906, \$3,898,000, due July 1 1920, bearing interest (non-cumulative) at such rate, not over 4%, as net earnings over betterments may suffice to pay; total bills payable, \$5,169,845. V. 81, p. 1733.

In 1903-04 (under order of the Texas Railroad Commission) canceled \$1,356,000 of the outstanding \$18,900,000 bonds, reduced the stock to \$1,000,000, and separated the management from the Southern Pacific. V. 77, p. 90, 148, 401, 452, 2340; V. 78, p. 2600; V. 82, p. 453.

ANNUAL REPORT.—For year ending June 30 1906, gross, \$3,163,961; net, \$1,295,564; int. on bonds, &c., \$857,121; balance, deficit for year, \$438,443. In 1904-05, gross, \$2,631,313; net, \$763,024. Directors, V. 77, p. 629. President, W. H. McIntyre, New York; Vice-Pres. and Gen. Mgr. W. M. Hobbs.—(V. 82, p. 453.)

SAN FRANCISCO IDAHO & MONTANA RY.—Projected from San Francisco northerly through Nevada, Oregon and Idaho via Boise to Butte, Mont., about 1,000 miles, with a connecting line from Mason to Winnemucca, Nev. Of this, Boise to Mason City, it was reported, is to be completed about Jan. 1907. V. 82, p. 930. Stock authorized, \$50,000,000. Stockholders on Jan. 2 1906 authorized an issue of \$5,000,000 bonds, of which \$1,500,000 reported to be under option of purchase. V. 82, p. 101. Pres., William Peyton Mason, Minneapolis, Minn.; V.-P., C. H. Fleming; Sec., G. T. Propper; and Treas., W. E. Foran, both of Boise, Idaho.—(V. 82, p. 930)

SAN FRANCISCO & NORTH PACIFIC RY.—Point Tiburon, Cal., to Ukiah, Cal., 106 m., and branches, 71 m., of which 3 m. leased. Consolidation Mar. 19 1889. Has steamer connection (6 m.) with San Francisco. Leased to Cal. & Northw. Ry., incorporated in Mar. 1898. The S. F. & N. P. guar. \$2,000,000 Cal. & Nor. 5% bonds, to be issued at \$25,000 per mile. V. 67, p. 370, 688, 788. Stock issued, \$6,000,000; par of shares, \$100.

BONDS.—Issued at \$25,000 per mile; sinking fund, \$25,000 yearly; bonds drawn at 110 and interest. (Mtge. abstract, V. 49, p. 241.)

ANNUAL REPORT.—Report for 1904-05 in V. 81, p. 1490. In 1905-06\* gross, \$1,433,656; net, \$551,876; charges, \$265,864; bal., sur., \$286,012. In 1904-05, gross, \$1,373,759; net, \$416,551.—(V. 83, p. 156, 273.)

SAN PEDRO LOS ANGELES & SALT LAKE RY.—(See Map Union Pacific.)—Completed in April 1905 from Salt Lake City, Utah, to San Pedro, on the Pacific coast, 806 m. of main line, with branches, aggregating in all 1,029 m., the Los Angeles Term. Ry., 51 m., being acquired, and merged about April 1 1901 as a part of the new line. The portion from Daggett to Riverside, 90 m., is (temporarily) trackage over Atch. Top. & S. Fe. In June 1906 steamship connection from San Pedro via Hawaiian Islands to China, Japan and Manila was opened. V. 81, p. 1551; V. 82, p. 1323.

On July 7 1903 purchased portion of Oregon Short Line (Un. Pac. sys.) forming part of the road above shown, the Ore. Short Line acquiring a half interest in the property. The Salt Lake City terminals are leased for 99 years. V. 70, p. 920, 1103, 1356; V. 77, p. 38, 148, 695; V. 78, p. 1393; V. 79, p. 1024. Las Vegas & Tonopah RR., allied road, under construction from Las Vegas, Nev., to Tonopah, 215 miles, of which 117 miles operated Oct. 1906. V. 81, p. 1175.

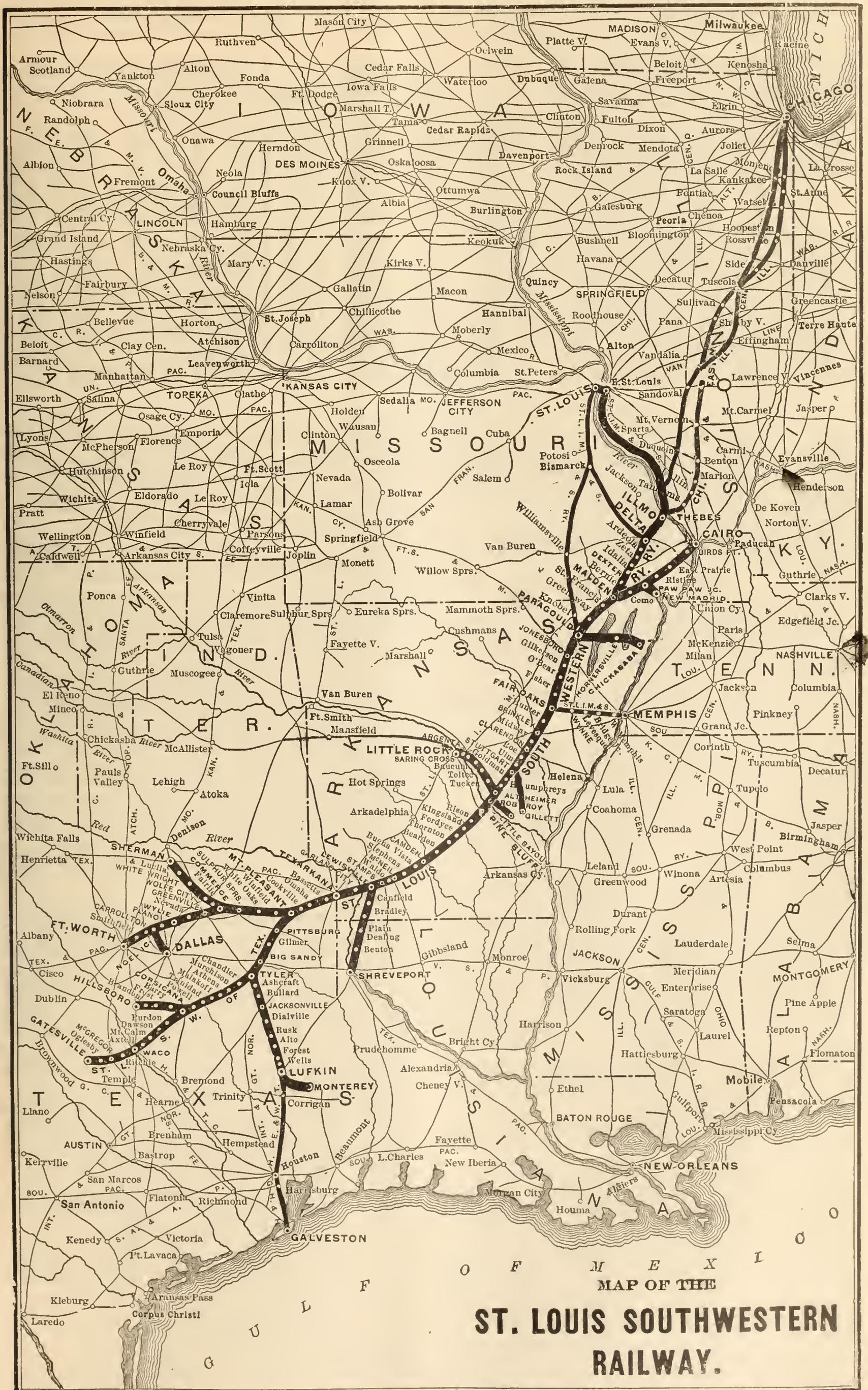
Stock authorized, \$25,000,000; all issued.

BONDS.—Of the 4s of 1903 (\$50,000,000 authorized issue; Equitable Tr. Co. of N. Y., trustee), \$10,000,000 have been issued (none sold Oct. 1906). balance reserved for future requirements. V. 77, p. 38, 90.

Pres., W. A. Clark; Sec., W. H. Comstock; Treas., W. H. Lecte. New directors, Feb. 1906, V. 82, p. 281.—(V. 82, p. 281, 1323.)

SAN PETE VALLEY RY.—Nephil, Utah, to Morrison, 51 m.; Quarry Branch (opened Aug. 1899), Nephil to Cooper, Utah, 5 m.; total, 56 miles. Stock, \$510,000; par of shares, \$100. Year ending June 30 1905, gross, \$22,862; def. under oper. exp., \$11,414. Theo. Bruback, Gen. Mgr., Salt Lake City, Utah.

SANTA FE CENTRAL RY.—Owns from Santa Fe, N. M., south to Torrance, 117 m., opened Jan. 1, 1905. Branch from Moriarty Jct. to Albuquerque, N. M., 47 m., under name of Albuquerque & East. Ry., was under construction in Oct. 1906. In Mar. 1906 C. W. & E. R. Tallmadge of Chicago, it was understood, arranged to acquire the road. V. 82, p. 569. The Alb. & East. has made a mtge. to the Pitts. Tr. Co., as trustee. Other allied lines, see V. 80, p. 221. Stock authorized, \$2,500,000, all outstanding. Pres., W. H. Andrews; Sec. and Treas., W. C. Hagan, Arrott, Bldg., Pittsburgh, Pa.—(V. 80, p. 223; V. 81, p. 1725; V. 82, p. 569.)



RAILROADS. For explanation of column headings, &c., see notes on first page of tables.	Miles of Road.	Date of Bonds.	Size or Par Value.	Amount Outstanding	INTEREST OR DIVIDENDS.			Bonds—Principal, When Due. Stocks—Last Dividend.
					Rate %	When Payable.	Where Payable, and by Whom.	
Schuylkill & Juniata—See Pennsylvania RR.								
Schuylkill & Lehigh—First M guar by Reading Co.	44	1898	\$1,000	\$600,000	4	M & N	Phlla & Read RR, Phlla	May 1 1948
Schuylkill Valley Navigation & RR—Stock				50	5	J & J	Reading Terminal, Phlla	Jan 13 '06 2 1/2 %
Seaboard Co—Common stock \$36,000,000				100				
First pref stock 5% \$18,000,000 convertible (text)				100			Checks mailed.	July 15 '06 2 1/2 %
Second pref 6% non-cum \$18,000,000 red (text)				100				
Seaboard Air Line Ry—								
First M \$75,000,000 gold (see text) CoBa c&r	All	1900	1,000 &c	12,775,000	4 g	A & O	24 Broad Street, N Y	April 1 1950
Coll trust ref M gold \$10,000,000 red at 105 Ce c*		1901	1,000	10,000,000	5 g	M & N	do	May 1 1911
Atlanta-Birm Divlsn 1st M \$10,000,000 K c*	192	1903	1,000	5,760,000	4 g	M & S	do	May 1 1933
Coll trust & gen lien M \$5,000,000 gold red par N		1904	1,000	4,665,000	5 g	M & S	do	Mar 1 1907
Equipment trust due quarterly (V 74 p 380)		1902	1,000	403,000	4 1/2	F & A	do	Nov '06-Feb '12
Equipment mortgage gold Ser C due quarterly G c*		1903	1,000	1,059,000	4 1/2 g	J & J	do	July '06-Apr '13
do do gold Ser D due \$32,000 s-a		1904	1,000	512,000	5	J & D	do	Dec '06-June '14
do do gold Ser E due \$25,000 s-a		1905	1,000	425,000	5 g	A & O	24 Broad Street, N Y	Apr '07-Apr '15
do do gold Ser F due \$51,000 s-a		1905	1,000	969,000	5 g	J & D	do	Dec '06-Dec '15
do do gold Ser G due \$88,000 s-a		1906	1,000	1,760,000	5 g	J & D	New York	Dec '06-June '16
do do gold Ser H due \$26,000 s-a		1906	1,000	520,000	5 g	M & S	New York Trust Co, N Y	Mar '07-Sep '16
Old Loans excluding (*) amounts pledged under co								
Carolina Central 1st consol M gold guar p & l (end) F	267	1899	1,000	3,000,000	4 g	J & J	do	Jan 1 1949
Durham & Northern first mortgage \$150,000 MeBa	42	1888		*100,000	6	M & N	Merc. Tr & Dep Co, Balt	Nov 1 1928
Roanoke & Tar River \$260,000 MeBa	32	1887		*55,000	6	A & O	do	1917
Florida Cent & Pen 1st M (\$5,226 p m) gold Ce c*	575	1888	1,000	3,000,000	5 g	J & J	24 Broad Street, N Y	July 1 1918
Second M (1st on ext, 92 m) \$5,226 p m g M p c*	666	1890	1,000	410,000	5 g	J & J	do	Jan 1 1930
Consol M \$7,800,000 (\$10,000 p m) gold G c*	780	1893	1,000	4,372,000	5 g	J & J	do	Jan 1 1943
South Bound 1st M gold interest rental MeBa c*	136	1891	1,000	2,033,000	5 g	A & O	24 Broad St, N Y, or Balt	April 1 1941
Georgia & Ala 1st M cons \$6,185,000 gold BBa c*	400	1895	1,000	6,085,000	5 g	J & J	24 Broad Street, N Y	Oct 1 1945
Georgia & Ala Term Co 1st M (call at 110) guar p & l		1898		1,000,000	5 g	J & D	do	Dec 1 1948
Georgia Carolina & Nor 1st M gold guar MeBa c*	268	1889	1,000	5,360,000	5 g	J & J	{Balt Trust & Guar Co}	July 1 1929
Raleigh & Augusta first mortgage	107	1886	1,000	1,000,000	6	J & J	{and 24 Broad St, N Y}	Jan 1 1926
R & G first mortgage \$1,500,000 gold MeBa c*		1897	1,000	1,200,000	5 g	J & J	Balt Tr & Guar Co	Jan 1 1947
S & R first mortgage \$2,500,000 MeBa c* & r	81	1886	1,000	2,500,000	5	J & J	24 Broad Street, N Y	July 1 1926
Debenture \$690,000 to be secured by any 2d M & r		1886	100 &c	*285,000	6	F & A	Checks mailed	After July 1916
Shamokin Sunbury & Lewisburg—First mortg e c* & r	31	1882	1,000	1,000,000	5	M & N	Phlla & Read RR, Phlla	May 1 1912
Second mortgage gold	31	1890	1,000	1,000,000	6 g	J & J	do	July 1 1925

**SANTA FE PRESCOTT & PHOENIX RY.**—(See Map *Atchison Topeka & Santa Fe*).—Owns Ash Fork, via Prescott, to Phoenix, Ariz., 195 m.; opened in March 1895. P. & E. Jct. to Mayer, Ariz., 26.4 m. built under charter of Pres. & East., was completed in Oct. 1898, and is leased for 99 years and its \$375,000 bonds guaranteed. Branch from Huron, Ariz., to Big Bug mines, 8 m., completed April 1902; branch from Mayer to Crowned King mine, 27 m., completed May 1904; total, June 30 1904, 256 miles. Branch from Wickenburg, Ariz., to Salome, 49 m., was opened July 15 1905. Phoenix & East. Ry. completed Phoenix to Winkelman, 104 m., and under construction to Benson, 81 m. additional. V. 77, p. 90.

Stock, \$7,903,000. The road is tax exempt by legislative enactment for 20 years from 1891. The Atch. Top. & S. Fe took possession Nov. 8 1901, having acquired \$2,963,000 of the 2nd mtge. bonds and all of the stock, and the road has been operated as a part of the Atch. T. & S. Fe system since July 1 1906.

Years.	Gross.	Net.	Rental.	Interest.	Bal., sur.
1903-04	\$1,203,671	\$609,421	\$23,633	\$395,200	\$190,588
1902-03	1,045,232	571,125	17,950	395,228	157,947

—(V. 73, p. 781, 844, 900, 954; V. 75, p. 667; V. 77, p. 90.)

**SANTA FE RATON & DES MOINES RR.**—(See Map.)—To extend from Carlsbrook, at a connection with the Santa Fe Raton & Eastern RR., 4 miles from Raton, N. M., on the main line of the Atch. Top. & S. Fe Ry., to Des Moines, N. M., on the Col. & South. Ry., 41 miles. It has leased for 99 years the S. Fe Raton & East. RR., guaranteeing principal and interest of its bonds and 5% on its stock. Total mileage, 57 miles. Stock, \$1,000,000.

**SANTA FE RATON & EASTERN RR.**—(See Map.)—Extends from Raton, N. M., to Yankee, N. M., 12 m.; branch from Carlsbrook to Sugarite, 4 m.; total, 16 miles. Leased to Santa Fe Raton & D. M. RR. as above. Stock, \$300,000. Dividends A. & O.

**SANTA FE LIBERAL & ENGLEWOOD RR.**—(See Map.)—Under construction from Des Moines, N. M., at a connection with the Santa Fe Raton & Des Moines RR. on the main line of the Col. & South. Ry. to Hooker, Oklahoma, connecting with the Rock Island Ry., to Englewood, Kansas, connecting with the Santa Fe Ry., and thence to Woodward, Oklahoma, where it again connects with the Santa Fe Ry. and the Canadian River RR. (under construction), terminating at Guthrie and Oklahoma City, Okla. Total mileage, 321 miles. Stock, \$8,000,000.—(V. 83, p. 891.)

**SARATOGA & SCHENECTADY RR.**—(See Map *Del. & Hudson*).—Saratoga to Schenectady, 21 m. Leased in perpetuity in 1861 to Rens. & Saratoga and lease assigned to Del. & Hudson, by which it is operated. Rental, \$31,750 per year. Stock, \$450,000. Dividends, 7% yearly, paid Jan. and July 15 at Troy, N. Y.

**SAULT STE. MARIE BRIDGE.**—Owns Sault Ste. Marie Bridge, including 6,421 feet of main track. The Can. Pac., Dul. So. Shore & Atl. and Minn. St. P. & S. Ste. Marie RR. cos. agree to pay for use of bridge an amount equal to operating expenses and interest and s. f. of debt. Mtge. \$1,000,000; s. f., \$5,500 yearly. Stock, \$1,000,000.

**SAVANNAH UNION STATION CO.**—Owns union pass. station and terminal at Savannah, Ga., with 8 m. of track. Leased by the Southern Ry., Sav. Fla. & West. (now Atl. Coast Line RR.) and Seaboard A. L. Ry., which own the \$300,000 stock, the rental providing for interest and s. f. on bonds, maintenance, &c. Pres., W. W. Mackall; Treas., Savannah Tr. Co.; Sec., W. V. Davis.—(V. 71, p. 343; V. 74, p. 1039, 1253.)

**SAVANNAH & STATESBORO RY.**—Owns Cuyler to Statesboro, Ga., 32.6 m.; trackage, Cuyler to Savannah, 20 m. V. 79, p. 2148. Stock, \$200,000, all outstanding. Has traffic contract with Seaboard A. L., which guar. bonds by endorsement, prin. and int.; Savannah Tr. Co., trustee, V. 75, p. 1303; V. 77, p. 695. Form of guaranty, V. 81, p. 614. Year ending June 30 1906, gross, \$55,005; net, \$21,961; int. on bonds, etc., \$11,029; bal., sur., \$10,932. Pres. and Treas., J. Randolph Anderson, Savannah; Sec., J. A. Brannen. Office, Statesboro, Ga.—(V. 78, p. 1110; V. 79, p. 2148; V. 81, p. 614.)

**SCHUYLKILL & LEHIGH RR.**—Owns from High's Farm, near Reading Pa., to Slatington, Pa., 46.9 m. In 1883 leased to Phlla. & Read. RR. for 99 years, and in 1896 lease assumed by Phlla. & Read. Ry. Rental, \$27,000 yearly. Reading Co. owns stock (\$600,000), of which \$598,000 is deposited under its general mtge. of 1897.

**SCHUYLKILL VALLEY NAVIGATION & RR.**—Port Carbon to Reevesdale, Pa., 11 m.; 2d track, 5 m.; branches, &c., 11.41 m.; total track, 28 m. Leased July 25 1861 for 99 years to Phlla. & Read. RR. Lease assumed in 1896 by P. & R. Ry. Co. Rental \$29,450, which pays 5% on stock and State taxes.

**SEABOARD COMPANY.**—ORGANIZATION.—Incorporated in June 1905 as a holding company per plan, V. 80, p. 164, 601, 552, 1972, to provide for the liquidation of the floating debt of the Seaboard A. L. Ry., improvements, extensions, &c. The plan provided \$7,625,000 cash to be advanced to the S. A. L., the Seaboard Co. receiving therefor notes or mtge. bonds of the railway, to which the railway stockholders will have the right to subscribe. V. 80, p. 652. The Cumberland Corporation, which is extending the South Western Ry. to a connection with the Seaboard Air Line at Rutherfordton, N. C., owns a block of the stock. V. 83, p. 156.

**STOCK.**—The 1st pref. 5% stock is pref. both as to prin. and dividends and non-cum. for 5 years from July 1 1905, thereafter cumulative, redeemable at option of company after July 1 1908, and convertible at option of holder into 2d pref. stock at par. The 2d pref. 6% non-cum. stock is redeemable at option of company at 110 after 3 years, provided 1st pref. shall have been redeemed or converted. The amount of 2d pref. may be increased for conversion of the 1st pref. All classes of stock have full voting power. In July 1905 over 82 1/2% of the Seaboard A. L. stock had been acquired in exchange for stock of the Seaboard Co. (See terms of exchange for old stock under Railway Co.)

Of the new stock, \$10,375,000 1st pref., \$76,050 2d pref. and \$553,070 com. above the amounts issuable in exchange for Seaboard Air Line Ry. stocks will be available for the new company.

**New Voting Trust.**—The present voting trust of the Ry. Co. may be wholly or partly dissolved and a new one created for 5 years, to trustees selected by the committee. V. 81, p. 32, 559; V. 82, p. 1497; V. 83, p. 156.

**SEABOARD AIR LINE RY.**—(See Map.)—This company owns a line from Richmond, Va., to Atlanta, Ga., and Tampa, Fla., &c., viz:

Lines owned in fee—	Miles.	Proprietary Lines.	Miles.
Richmond, Va., to Savannah, Ga.	502	Portsmouth, Va., to Weldon, N. C.	81
Wilmington, N. C., to Atlanta, Ga.	437	Starke to Suwanee River, Fla.	58
Savannah, Ga., to Montgomery, Ala. (58 miles trackage deducted)	280	State Line to Lewiston, N. C.	32
Savannah, Ga., to Tampa, Cedar Keys, Chattahoochee River, &c.	806	Atlanta & Birm. Air Line, Howells, Ga., to Birmingham, Ala. (including 32 miles branches)	194
Other lines	358	Trackage	63

Total sys. (see V. 74, p. 773) 2,811  
The proprietary lines include: Roanoke & Tar River RR. (stock all owned), 32 m.; Seaboard & Roanoke RR. (all of stock owned), 81 m.; Atl. Suwanee Riv. & Gulf RR., 58 m. (stock all owned) Georgia & Ala. Terminal Co., operating 8 m. of track.

Also owns a 1-6 interest in the Richmond-Washington Co. controlling the road from Richmond, Va., to Washington, D. C. (V. 73, p. 843), and under traffic agreement with the Penn. RR. maintains through car service between N. Y., Phlla., Washington and the South. Also controls the Balt. Steam Packet Co. (unbonded) and a substantial interest in the Old Dominion SS. The Atlanta-Birmingham division, completed in Dec. 1904, extends from Atlanta, Ga., to Birmingham, Ala., 174 miles, with branches, 30 miles. V. 76, p. 489, 706; V. 77, p. 647; V. 79, p. 734.

**ORGANIZATION.**—An amalgamation in 1900 of "Seaboard" lines. In July 1905 over 82 1/2% of stock had been exchanged for stock of the Seaboard Co., the new holding company (which see above), per terms below and plan, V. 80, p. 164, 601, 552, 1972. The dissenting stock (about \$10,000,000) is mostly held by Middendorf, Williams & Co., Baltimore, and John L. Williams & Sons, Richmond, Va. V. 81, p. 1850, 1793; V. 82, p. 1497.

**STOCK.**—Authorized \$75,000,000, of which \$25,000,000 pref.; outstanding Oct. 1905, com., \$37,005,000, and pref., \$23,895,000. Pref. is entitled to 4% non-cum., then com. to 4%, then pref. 2% additional, any surplus to com. Par of shares, \$100.

**VOTING TRUST.**—Both classes of stock are deposited with voting trustees until April 1 1910, although the latter may in their discretion deliver the stock at an earlier date. V. 77, p. 351, 2099.

**REORGANIZATION COMMITTEE.**—Thomas F. Ryan (Chairman) James A. Blair, Ernst Thalmann, James H. Dooley, T. Jefferson Coolidge Jr., C. Sidney Shepard, S. Davies Warfield, N. S. Meldrum (Secretary), 38 Nassau St. N. Y. City. Under their plan of June 1905, now effective (see Seaboard Company above), the assenting holders received:

	Pays	1st pref.	2d pref.	Common
1. If subscribing for first preferred—				
Per \$100 of existing—	cash			
Preferred stock	\$12 50	\$12 50	\$75	\$12 50
Common stock	12 50	12 50	---	87 50
2. If not subscribing—				
Preferred stock	---	75	---	---
Common stock	---	---	---	75

**BONDS.**—The 4s of 1900 are a first lien on about 350 miles of road, including 102 m. of main line, from Richmond to Ridgeway, and 106 m. from Hamlet to Columbia (subject only to \$155,000 prior lien bonds on two branches); also a direct mtge. on the whole 2,383 m. of consolidated road, subject only to \$26,560,000 prior lien outstanding bonds and a consolidated collateral lien on the remainder

Total authorized issue 4s of 1900 in no case to exceed	\$75,000,000
Of which outstanding	12,775,000
Deposited to secure the \$10,000,000 coll. tr. ref. 5s	20,000,000
Deposited as collateral for \$5,000,000 mtge. and coll. tr. 5s	1,500,000
Deposited as collateral or in treasury	4,500,000
Reserved to retire at maturity, dollar for dollar, all the underlying bonds on the various divisions of the system	29,725,000
Issuable only after July 1 1906 for additional properties, improvements, extensions, &c., at not exceeding \$1,000,000 per annum	6,500,000

The collateral trust refunding gold 5s of 1901 are secured by deposit with the trustee of \$20,000,000 4s of 1900. V. 70, p. 842.

The Atlanta & Birmingham division 4s of 1903 (\$10,000,000 authorized issue) are secured on the line from Howell's Jct., Ga., to Birmingham, Ala., 163 m., with branches, 30 m. V. 76, p. 1302; V. 77, p. 647; V. 81, p. 1850.

The mtge. and coll. tr. 5s of 1904 are secured by a lien on \$20,000,000 of 1st mtge. bonds (subject to existing liens) and on various securities, and by direct deposit of certain securities owned (see list V. 78, p. 824) and a gen. mtge. on all property now owned or hereafter acquired other than securities specially excepted. V. 78, p. 104, 220, 089. Seab. & Roa. car trusts, \$266,050.

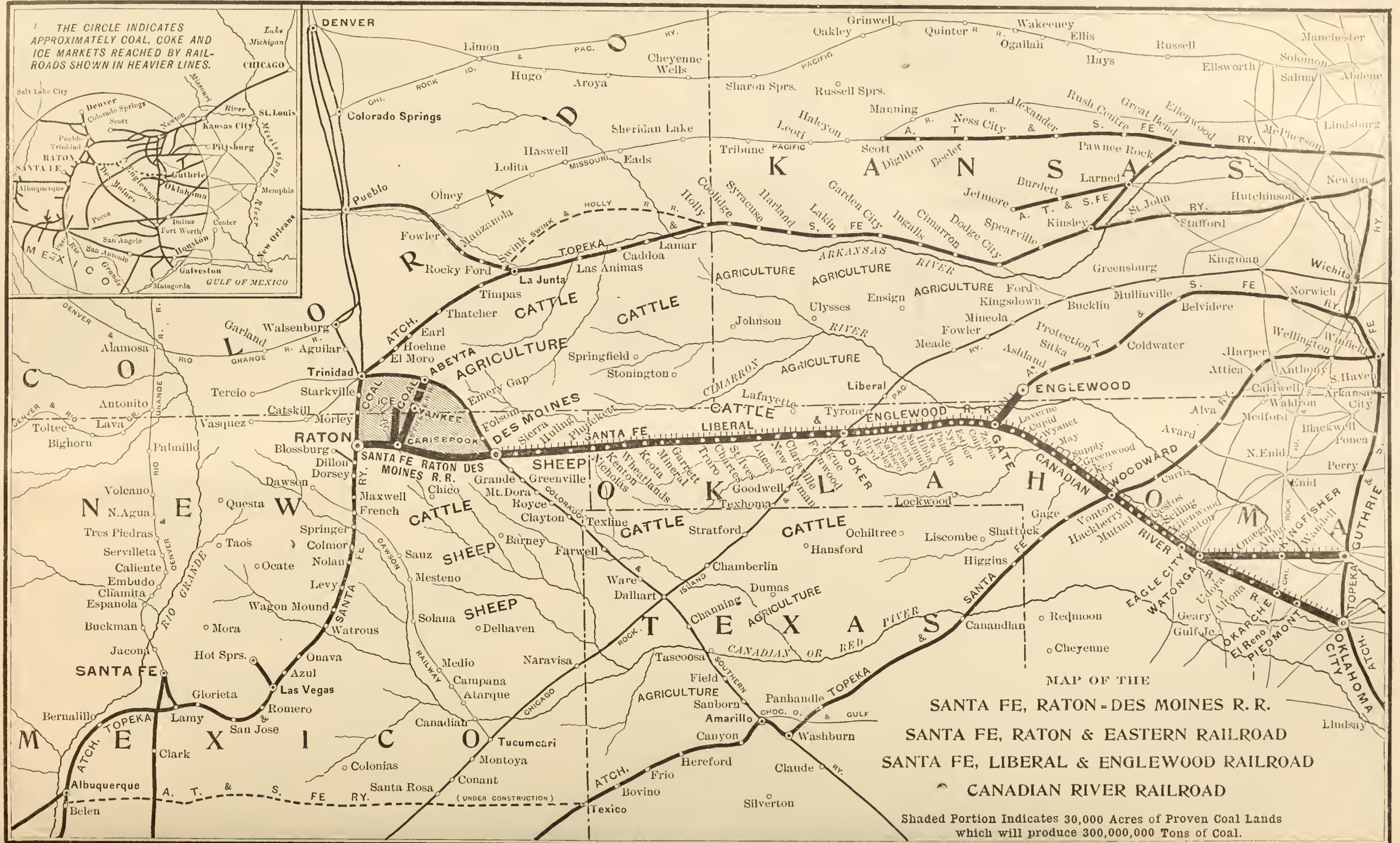
The plan above described provides for the making of a new mtge. by the Seaboard Air Line Ry. to secure \$18,000,000 of 5% bonds, the present issue thereof to be offered pro rata to stockholders. V. 80, p. 1972.

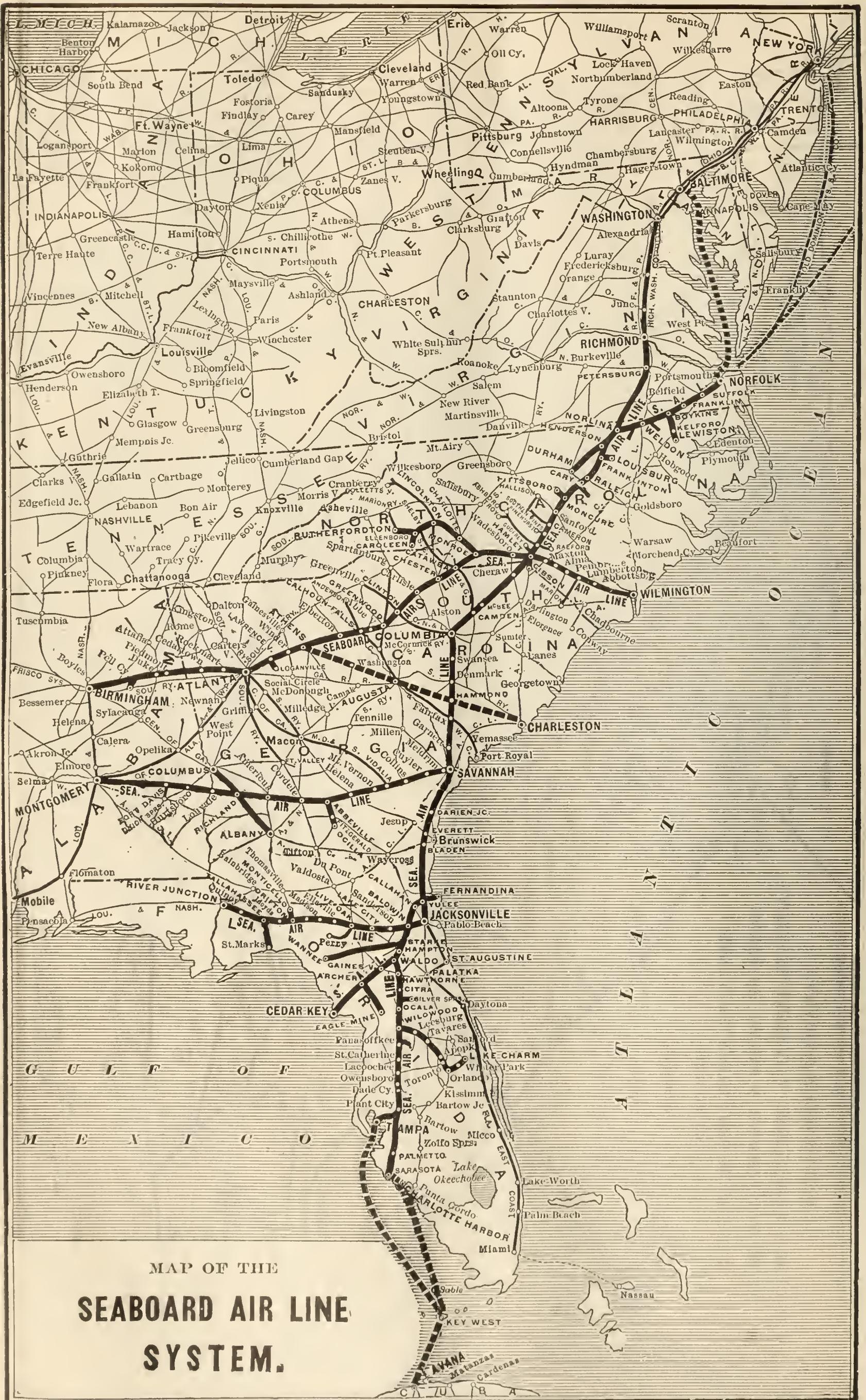
**GUARANTIES.**—The Savannah & Statesboro and Florida West Shore bonds (\$185,000 and \$712,000, respectively) are guaranteed as to prin. and int.; also Richmond-Washington Co. bonds, jointly and severally with 5 other companies. V. 77, p. 647, 648; V. 79, p. 2148.

	For 2 months ending Aug. 31:	Balance.
2 Mos. Gross.		
1906	\$2,357,442	\$270,095
1905	2,223,950	581,819
		Oth. Inc. Charges.
		\$6,741
		\$549,572
		def \$270,734
		sur 78,620

**REPORT.**—Fiscal year ends June 30. Report for 1904-05, V. 81, p. 1370. Preliminary statement of rail lines, 2,610 miles, not including Atlanta & Birm. Air Line, was in V. 83, p. 489.

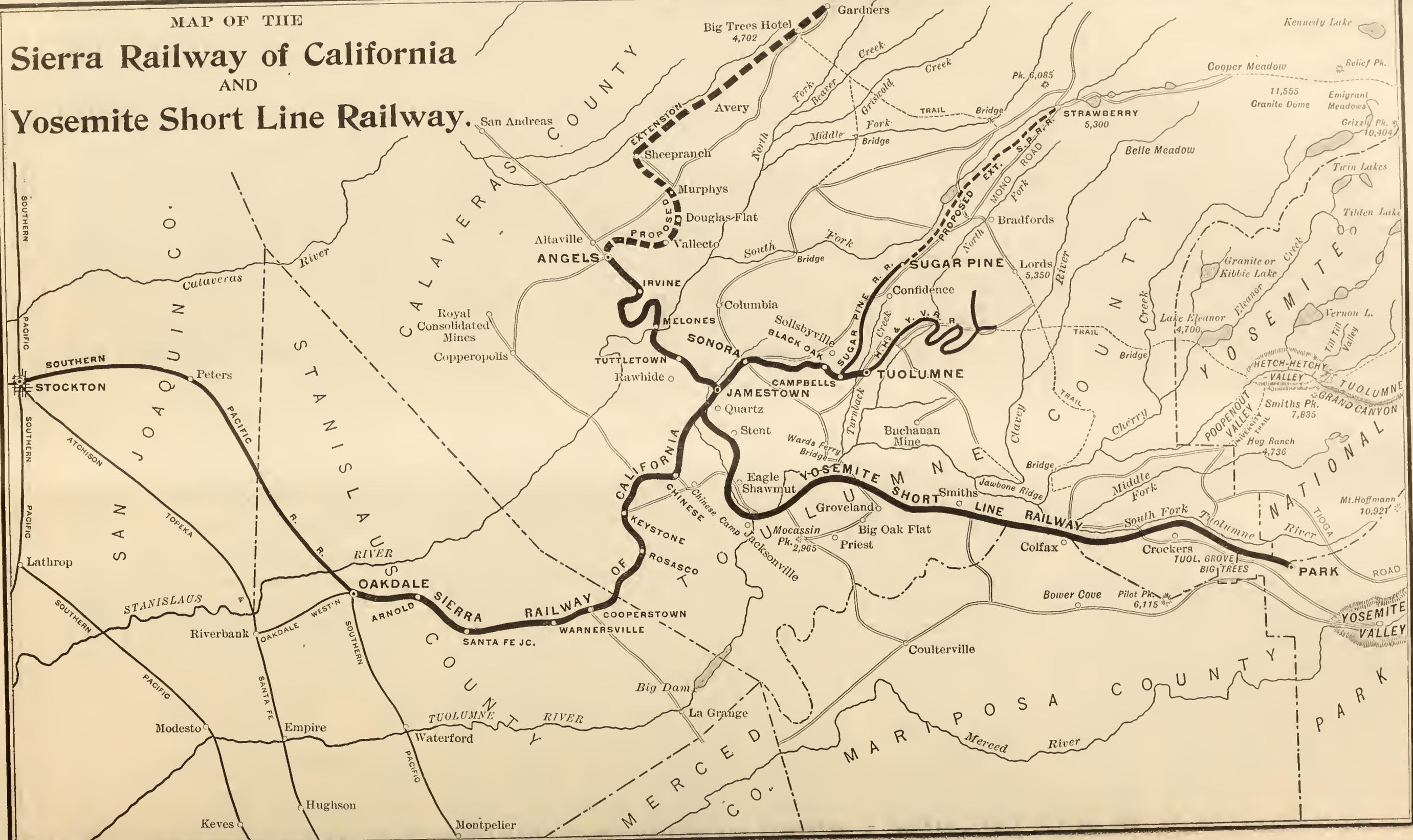
	1906.	1905.	1904.
Gross earnings from railways	\$15,116,948	\$13,619,271	\$12,750,271
Gross earnings from water lines		582,669	561,138
Total gross earnings	\$15,116,948	\$14,201,940	\$13,311,409
Net earnings, incl. other income		4,177,384	3,233,948
Deduct—Interest on bonds	2,748,650	2,759,765	2,546,817
Other interest	332,203	106,787	251,643
Rentals and miscellaneous	48,925	48,925	49,663
Balance, surplus	\$	\$1,171,907	\$382,825



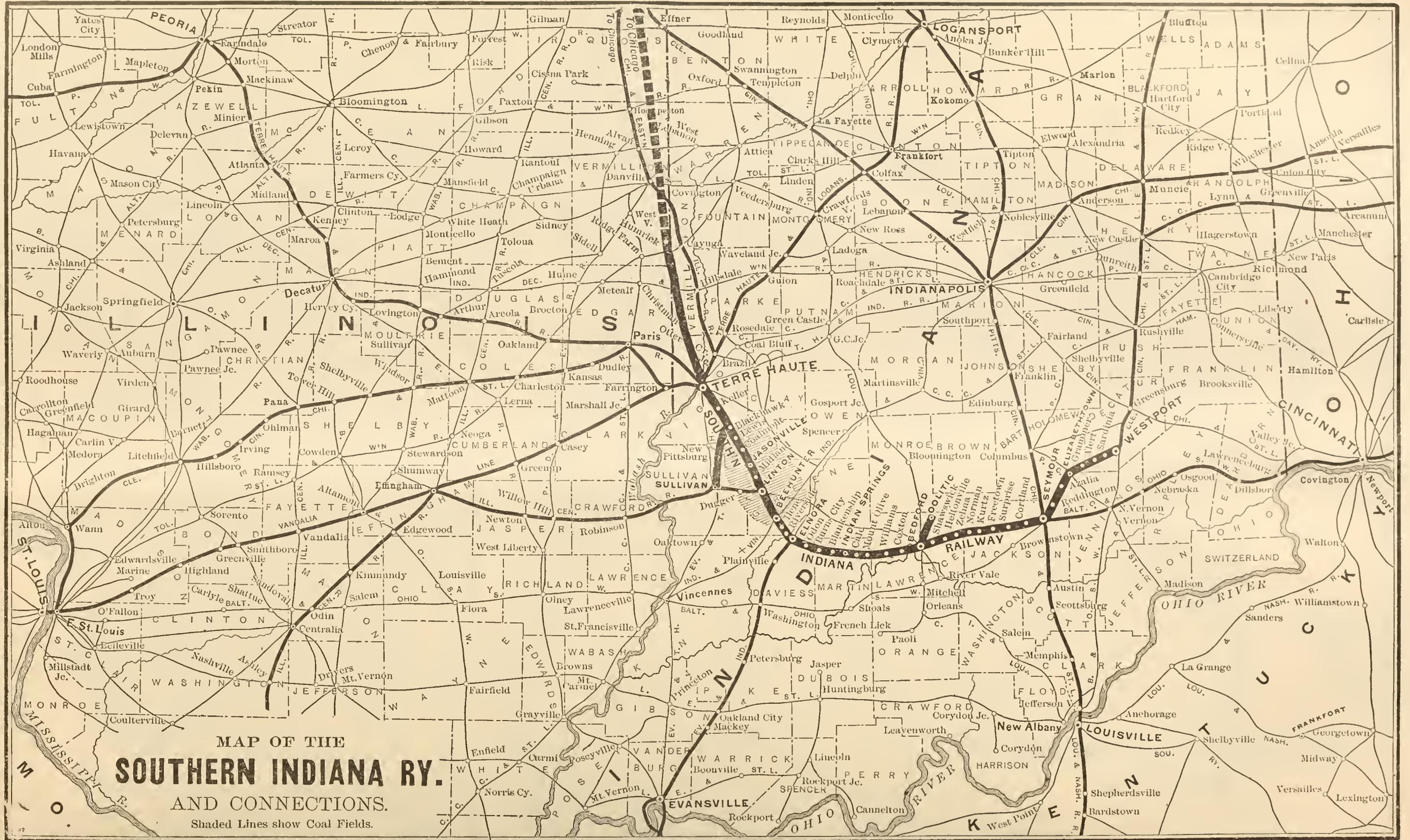


MAP OF THE  
**SEABOARD AIR LINE**  
**SYSTEM.**

# MAP OF THE Sierra Railway of California AND Yosemite Short Line Railway.







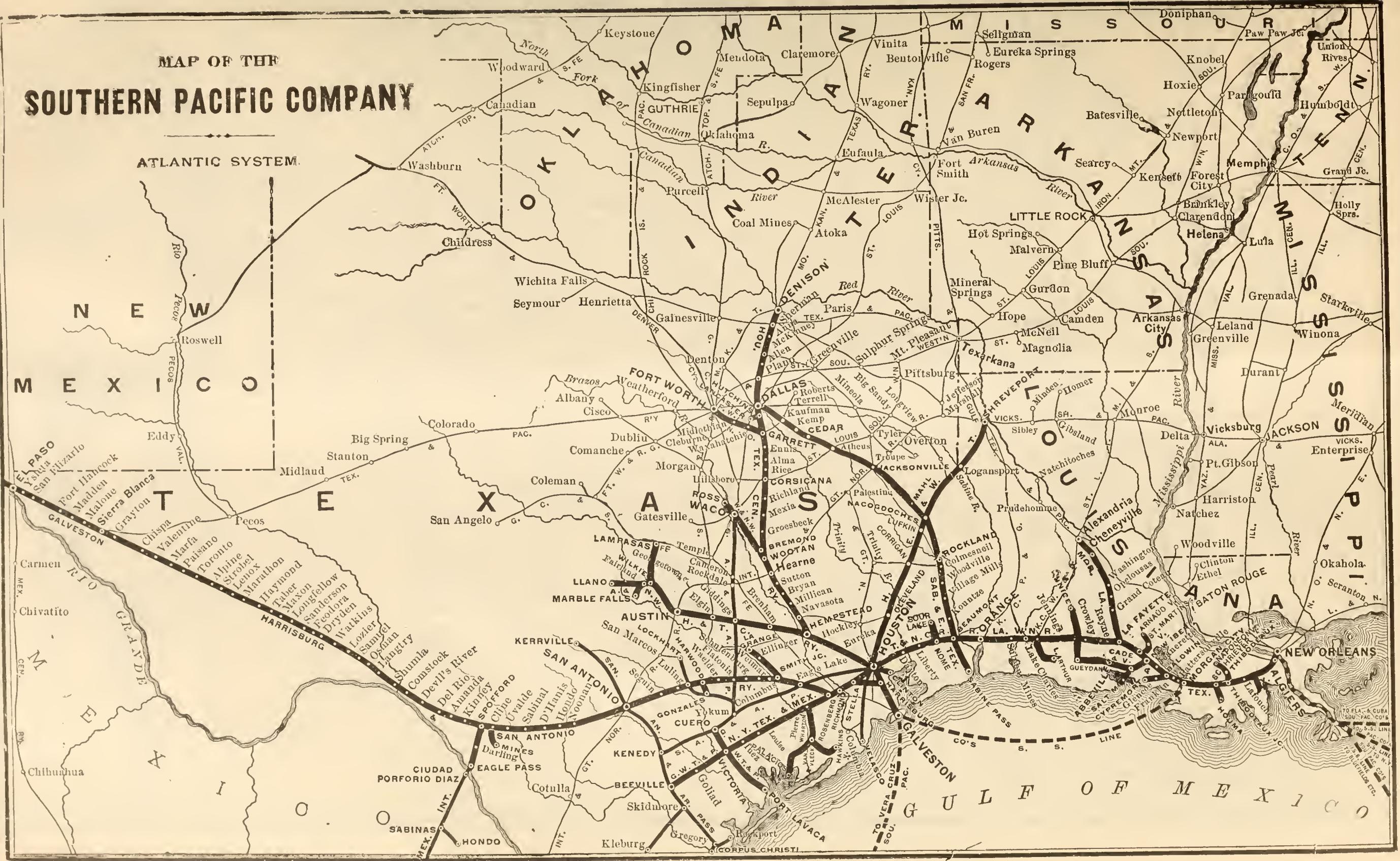
MAP OF THE  
**SOUTHERN INDIANA RY.**  
 AND CONNECTIONS.  
 Shaded Lines show Coal Fields.

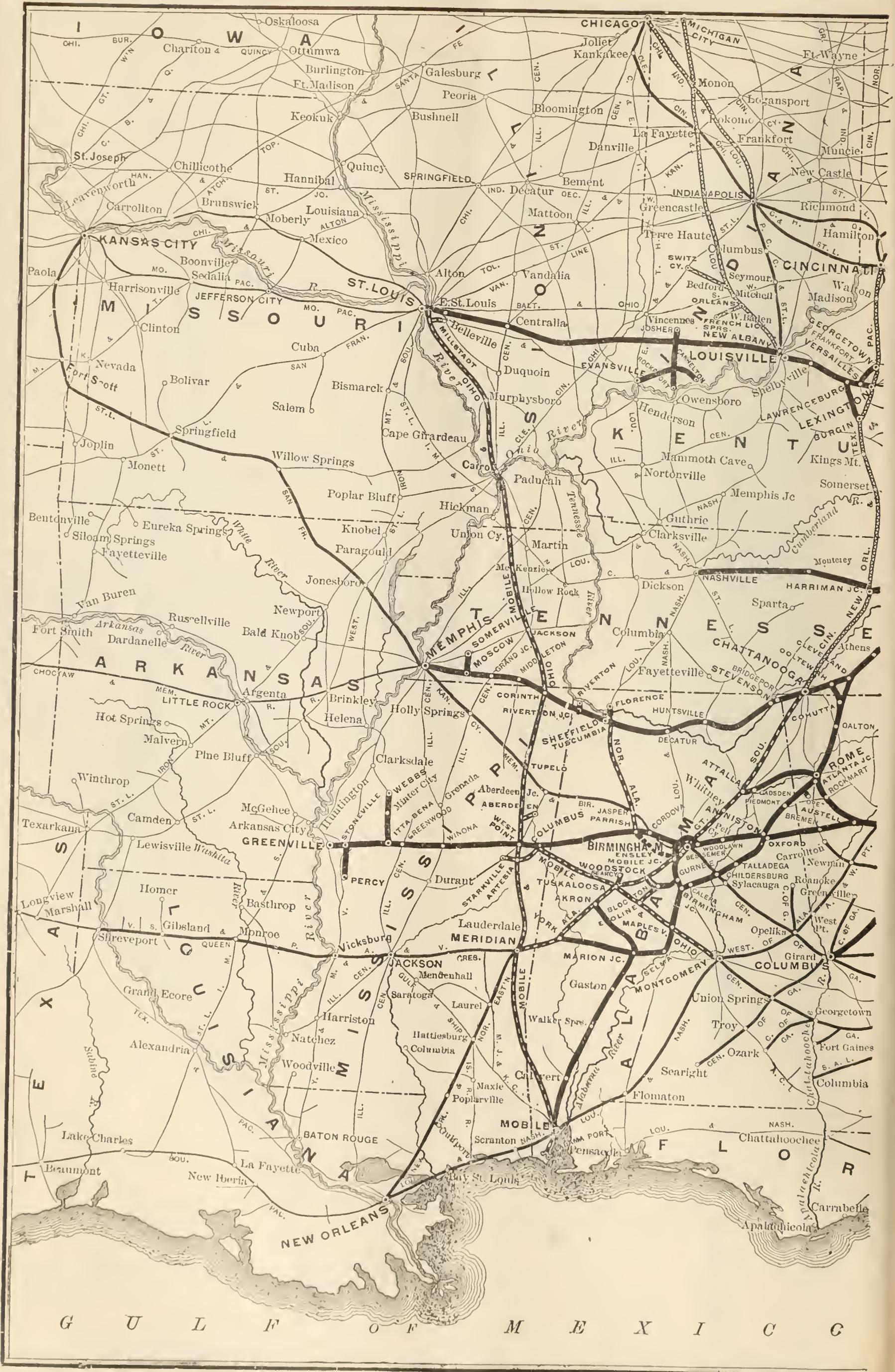


MAP OF THE Southern Pacific Company's SYSTEM.

MAP OF THE SOUTHERN PACIFIC COMPANY PACIFIC SYSTEM.

# MAP OF THE SOUTHERN PACIFIC COMPANY







MAP OF THE  
**SOUTHERN RAILWAY CO.**  
**SYSTEM.**

- Southern Railway—owned or leased
- - - - -** Operated separately—Majority Stock Owned.
- .....** Other lines in which the Southern Railway is interested.
- Principal Connections.
- Trackage Rights

RAILROADS. <i>For explanation of column headings, &amp;c., see notes on first page of tables.</i>	Miles of Road.	Date of Bonds.	Size, or Par Value.	Amount Outstanding	INTEREST OR DIVIDENDS.			Bonds—Principal, When Due. Stocks—Last Dividend.
					Rate %	When Payable.	Where Payable and by Whom.	
<b>Southern Pacific RR.—(Concluded)—</b>								
First cons mortgage guar gold s f not drawn Ce c & r	2,020	1893	\$500 &c	\$4,127,500	5 g	M & N	So Pac, 120 B'way, N Y	Nov 1 1937
Southern Pac of Arizona 1st M Ser A gold guar c & r	392	1879	1,000	6,000,000	6 g	J & J	do do	March 1909
Series B gold guaranteed c & r	392	1880	1,000	4,000,000	6 g	J & J	do do	Mar 1 1910
Southern Pacific of New Mexico 1st M gold c & r	167	1881	1,000	4,180,000	6 g	J & J	do do	Jan 1 1911
California Pacific first mortgage gold (extend in '87)	79	1867	1,000	2,232,000	4 1/2 g	J & J	do do	Jan 1 1912
2d M gold guar p & l end by Cen Pac (ext in '91)	114	1871	1,000	1,595,000	4 1/2 g	J & J	do do	Jan 1 1911
Northern Ry (Cal) first mortgage Interest guar gold	149	1877	1,000	5,156,000	6 g	J & J	do do	Jan 1 1907
Cons M (\$21,000,000) gold 1st on 225 m. Un. c & r	373	1888	1,000	4,751,000	5 g	A & O	do do	Oct 1 1938
Northern California first mortgage gold	54	1889	1,000	1,074,000	5 g	J & D	do do	June 1 1929
First cons ref M gold guar red 105 after 1910. Eqc & r	---	1905	500 &c	82,401,000	4 g	J & J	New York	Jan 1 1955
<b>Southern Railway—Common stock \$120,000,000</b>								
Preferred 5% non cumulative \$60,000,000	---	---	100	120,000,000	---	---	---	---
M & O stock trust certificates	---	---	100	5,670,200	4	A & O	do do	Oct 1 1906 2 1/2
First cons M 1st on 900 m g (\$120,000,000) Ce c & r	4,502	1894	1,000 &c	45,777,000	5 g	J & J	do do	July 1 1904
Coll trust bonds \$16,000,000 red 102 1/2 beg Oct '06. G	---	1904	1,000 &c	16,000,000	5 g	A & O	do do	April 1 1909
Development & gen M (\$200,000,000) gold. S c & r	Text	1906	1,000 &c	See text.	4 g	A & O	New York	April 1 1956
Monon Joint M \$15,500,000 red 105 after '07. S c & r	---	1902	1,000 &c	11,827,000	4 g	J & J	J P Morgan & Co, N Y	July 1 1952
Equip trust Ser A due about \$212,000 ea M & N PIP c & r	---	1900	1,000	425,000	4 g	M & N	Prov Life & Tr Co, Phila	To Nov 1 1907
Series B gold due \$170,000 each A & O	---	1901	1,000	680,000	4 g	A & O	do do	To Sept 30 1908
Series C gold due \$229,000 each J & D	---	1902	1,000	1,603,000	4 g	J & D	Blair & Co, New York	To Dec 1909
Series D gold due \$177,000 each M & N	---	1903	1,000	1,239,000	4 g	M & N	do do	To May 1 1910
Series E gold due J & D, \$150,000	---	1904	1,000	2,505,000	4 1/2 g	J & D	Prov Life & Tr Co, Phila	To Dec 1 1914
Series F & G gold due monthly	---	'04-'05	---	1,003,995	3 1/2	---	do do	To Feb 1910
Series H gold due \$225,000 M & N	---	1905	1,000	3,825,000	4 1/2 g	M & N	do do	To May 1 1915
Series K gold due \$140,000 M & N	---	1905	1,000	2,520,000	4 g	M & N	do do	To Nov 1 1915
Series L gold due \$300,000 F & A	---	1906	1,000	8,700,000	4 1/2 g	F & A	do do	To Feb 1 1921
<b>A—Properties Merged in Southern Railway Co.</b>								
Atlantic Tennessee & Ohio first mortgage	44	1883	---	150,000	6	A & O	J P Morgan & Co, N Y	April 10 1913
Ch Col & Aug 1st M (Int in gold) (V 59 p 1006)	191	1869	500 &c	1,061,000	5 g	J & J	do do	July 1 1909
Second mortgage	191	1872	1,000	500,000	7	A & O	do do	Oct 1 1910
Col & Green first mortgage gold	164	1881	1,000	2,000,000	6	J & J	do do	Jan 1 1916
Georgia Pacific first mortgage	566	1882	1,000	5,660,000	6 g	J & J	do do	Jan 1 1922
Richmond & Danville consol mortgage gold	---	1874	1,000	5,997,000	6 g	J & J	do do	Jan 1 1915
Debenture mortgage old 6s (no longer incomes)	---	1882	1,000	3,368,000	5	A & O	do do	April 1 1927
Richmond York River & Chesapeake 1st M	38	1873	1,000	400,000	5	J & J	do do	Jan 1 1916
Second mortgage extended from 1900	38	1880	1,000	500,000	4 1/2	M & N	do do	Nov 1 1910

In Nov. '05 about 400 m. of exten's had been authorized. V. 81, p. 1736.  
In Aug. 1906 the Mexican Govt. granted concessions for about 775 miles of road on the west coast of Mexico to Guadaluajara.

In Aug. 1906 the Coos Bay Roseburg & Eastern, extending from Marshfield, Ore., southerly to Myrtle Point, was reported to be purchased, to be used as a part of a north coast line from San Francisco to Portland. V. 83, p. 435, 94.

The Maricopa & Phoenix & Salt River Valley, 43 miles, whose securities are owned, will be acquired at foreclosure sale. V. 83, p. 688.

**PROPRIETARY LINES.**—These, with a total mortgage indebtedness June 30 1905 of \$335,904,505 are mostly owned—only \$1,583,530 out of their total stock of \$304,408,572 not being held on July 1 1905 by the Southern Pacific Co. "Omnibus Lease," see "Supplement" of Jan. 1899.

**STOCK, &c.**—Total common stock authorized, \$200,000,000, including \$67,275,500 exchanged in 1899 for Central Pacific stock—see Central Pacific and V. 68, p. 378, 725; V. 69, p. 132; V. 70, p. 740.

The \$100,000,000 of 7% non-cum. pref. stock is redeemable at 115 at any time between July 1 1905 and July 1 1910, and convertible into com. stock at par at option of holder. Of the stock \$40,000,000 was subscribed for in 1904 by stockholders at par. The proceeds will be used to pay the floating debt, mostly held by Un. Pac. and for future capital requirements, and also "enable the company to refund bonded obligations maturing during the next three years amounting to \$65,480,000 on a much more favorable basis of credit and leave over \$30,000,000 of free and negotiable assets in the treasury." V. 78, p. 2443, 2600, 2574; V. 79, p. 104, 628, 2467. Form of certificate, V. 83, p. 273.

**DIVIDENDS.**—On pref., Jan. '05 to July '06, both incl., 7% yly (J. & J.). First div. on common, 2 1/2% (semi-ann.) paid Oct. 1 1906. V. 83, p. 380.

**BONDS.**—The 4% coll. trust gold bonds of 1899 are limited to \$36,819,000, and are subject to call at par on 6 months' notice. The first issue of \$29,418,500, secured by the \$67,274,200 com. and \$12,600,000 pref. stock of the Central Pacific, was issuable forthwith. The remaining \$7,400,000 can be issued from time to time only as an equal amt. of Cent. Pac. pref. is received and added to the coll., \$5,000,000 of this stock being reserved for improv'ts and add'ns on the Cent. Pac. at not exceeding \$200,000 yearly—see Cent. Pac. and V. 68, p. 378. See Mortgage Abstract, V. 69, p. 850.

The two-five-year collateral trust 4s of 1905, limited to \$30,000,000, are secured by deposit of \$12,400,000 par value of various bonds and \$71,918,300 stocks of companies controlled, including Pacific Mail, &c., and \$1,530,000 Wells, Fargo & Co. stock. V. 80, p. 1857; V. 82, p. 753.

The first refunding 4s and 30-year gold 3 1/2s issued by the Central Pacific are unconditionally guaranteed, principal and interest.

In 1905 the So. Pac. RR. issued a refunding 4% mtge. under which \$75,000,000 bonds were sold to refund \$41,462,000 5s and 6s maturing in 1905, the proceeds of about \$30,000,000 being used to reimburse the So. Pac. Co. for advances for improvements during the last few years. V. 80, p. 601.

During three years ending June 30 1903 \$44,256,853 were expended for improvements and equipment and \$18,517,317 for new lines and additional property; in 1903-04 \$10,072,972; in 1904-05, \$18,354,338. V. 78, p. 713.

**EARNINGS.**—Preliminary statement for year ending June 30 1906 in V. 83, p. 376, showed:

Fiscal Year	Gross trans. receipts	Net (over exp. & taxes)	Other income	Chgs., incl. rentals	Bal. for pref. stock
1905-06	\$105,619,114	\$35,032,464	\$3,454,145	\$16,925,896	\$21,560,713
1904-05	95,515,158	29,541,722	2,507,317	17,062,139	14,086,900

Dividends on pref. stock (7%) call for \$2,769,879 in 1905-06, against \$2,769,431, leaving \$18,790,834 in 1905-06 for the common stock, against \$11,317,469. Dividends on the common stock at 5% call for \$9,802,463 yearly. Operating expenses in 1905-06 include \$2,117,286 credited to the reserve fund for improvements, equipment, &c.  
For 1 month ending July 31 1906, gross, \$9,246,421, against \$8,189,177 in 1905; net, \$3,369,669, against \$2,592,295.

**ANNUAL REPORT.**—Fiscal year now ends June 30.

Preliminary statement for 1905-06 (partly estimated) was in V. 83, p. 376. Report for 1904-05 at length in V. 81, p. 1720, 1728 to 1738; editorial, V. 81, p. 1697. Average freight-train load 341 tons; in 1904-05 average receipts per mile, 1.046 cents, against 1.014 cts in 1903-04.

Receipts—	1904-05.	1905-06.
Aver. miles—Proprietary and non-proprietary	9,137.85	9,014.19
Transportation receipts	\$95,515,158	\$92,933,231
Trackage and other rentals	541,260	225,602
Income from s. l. pledged for redemption of bonds	219,015	306,588
Income from lands and securities not pledged	667,211	686,228
Interest on stocks and bonds owned	863,724	817,147
Income from other investments	32,000	32,000
Miscellaneous receipts	106,855	36,039
Interest on loans and advances other than open accounts of proprietary companies	395,358	486,156

Total receipts	1904-05.	1905-06.
Operating expenses	\$63,664,235	\$63,179,593
Taxes	2,309,201	2,352,754
Trackage and other rentals	218,133	218,133
Interest on funded debt	16,705,833	15,654,325
Interest on Central Pacific RR. notes	764,565	941,004
Interest on open accounts	---	1,418,318
Miscellaneous expenses	50,846	31,029
Land department expenses and taxes	277,917	261,582
Sinking fund contribution and earnings	734,015	821,588
Betterments and additions	151,446	113,593
Insurance, depreciation, &c. (Southern Pacific Co.)	832,417	1,000,885
Advances to San Antonio & Aransas Pass Ry. Co.	---	651,704

Total expenditures \$85,708,609 \$86,644,509  
Surplus over all disbursements \$12,431,973 \$8,878,483  
Dividends on preferred stock 7% \$2,769,431

President, E. H. Harriman.—(V. 82, p. 806; V. 83, p. 273, 376, 380, 688.)

**SOUTHERN PACIFIC RR.—(See Maps.)—ROAD.**—Owns all the California lines of the So. Pac. system except the Cent. Pac. and the South Pac. Coast. The road owned aggregates about 3,335 m., embracing a through line from east bank of Rio Grande River through N. Mex. and Ariz., via Los Angeles, San Fran. and Oakland, to Tehama in No. Calif., with numerous branches. Of the lines owned and leased in 1905 (41 m. are leased), 3,093 were oper. in the So. Pac. system, 242 m. (Mojave to The Needles) being held under long lease by Atch. in exchange for leases of 350 m. of roads in N. Mex. and Ariz. V. 65, p. 931 and A. T. & S. F. item, p. 1113; see V. 64, p. 609.

**ORGANIZATION.**—A consolidation of the So. Pac. RR. companies of California, Arizona and New Mexico. V. 74, p. 578; V. 81, p. 900.

**STOCK.**—So. Pac. Co. June 30 1905 held \$127,819,038 of the stock.

**BONDS.**—Consolidated Mortgage of 1894 abstract was in V. 57, p. 1041; \$24,524,500 of the consols stamped subject to call at 107 1/2 were called for payment on Aug. 1 1905.

The first consol. refund. 4s of 1905 (\$160,000,000 authorized issue) will eventually be a first lien. In Oct. 1906 \$82,401,000 had been sold. Form of guaranty, V. 82, p. 49. If less than entire issue is redeemed, bonds shall be drawn by lot. The bds. are issuable or reserved as follows (V. 80, p. 601, 1112):  
Issuable on demand \$25,000,000  
Issuable to refund a like amount of prior lien bonds (of which \$44,517,000 matured or were called for redemption on or before Oct. 1 1905, \$35,680,000 mature during the next (about) 7 years and \$13,485,500 thereafter) 93,682,500  
Issuable to refund other prior lien bonds, any balance not required to be available for other purposes 15,000,000  
Issuable for construction, betterments &c. 26,317,500

**EARNINGS.**—For 5 mos. ending Nov. 30 1905, gross, \$14,707,270; net, \$6,780,187; oth. inc., \$90,889; charges and taxes, \$3,656,923; bal. sur., \$3,214,153.

**ANNUAL REPORT.**—For year ending June 30 1905, earnings were: Gross, \$31,985,952; net, \$12,202,480; other income, \$923,656; charges, \$8,435,841; surplus, \$4,690,295. In 1903-04, gross, \$32,603,510; net, \$12,392,423.—(V. 81, p. 900; V. 82, p. 49, 629; V. 83, p. 819.)

**SOUTHERN RAILWAY COMPANY.—(See Map, pages 136 and 137.)**—Company operates 7,197 m., extending from Washington, D.C., and West Point and Richmond, Va., to Danville, Va., Greensboro, N. C., Norfolk, Va., Charlotte, N. C., Columbia, S. C., and Atlanta, Ga., thence northerly to Bristol, Tenn., southeasterly to the coast at Brunswick, Ga., and westerly across the States of Ala. and Miss. to the Mississippi River at Greenville. Water lines—Balt. Ches. & Richmond S. B. Co., 200 miles.

Owned in fee—	Miles.	Leased—(Continued.)	Miles.
Alexandria (near Washington) to Greensboro, N. C.	280	*Richmond & Mecklen. RR.	31
Charlotte, N. C., to Augusta, Ga.	100	*North Carolina RR.	---
Columbia, S. C., to Greenville, S. C.	145	Goldsb., N. C., to Greensb.	130
West Point, Va., to Neapolis	179	Greensboro to Charlotte, &c.	94
Sallsbury, N. C., to Morrilstown, Tenn.	231	Atlantic & Danville Ry.	---
Memphis to Stevenson, Ala.	272	Norfolk to Danville, Va., and branches	281
Bristol to Chattanooga, Tenn.	242	Lockhart RR.	14
Knoxville to Cumb'd Gap, Ky.	66	Other	6
Ooltawah Junction, Tenn., to Brunswick, Ga.	409	<b>Operated under agreement—</b>	
Austell, Ga., to State L., Miss.	261	Roswell RR.	12
Atlantic Jct., Ga., to York, Ala.	271	<b>Controlled by securities—</b>	
Atlanta, Ga., to Ft. Valley, Ga.	102	Atlantic & Yadkin	165
E. St. L., Ill., to N. Alb., Ind.	265	State University RR.	10
Branches, &c.	1,594	Elberton Air Line RR.	51
		North Carolina Midland	54
		Other roads	122

Total owned	4,507	Trackage rights—	
Leased—		Hardeev'e, S. C., to Sav., Ga.	23
*Atlanta & Charlotte Air L., Charl., N. C., to Atlanta, Ga.	263	Washington, D.C., to Alex., Va.	7
*Georgia Midland Ry.	98	Stevenson to Chattanooga, &c.	38
Franklin & Pittsylvania	30	York, Ala., to Meridian, Miss.	27
*Mobile & Birmingham RR.	---	Birmingham to Mobile Jct., &c.	18
Selma, Ala., to Marion Jct.	150	Kentucky & Indiana Bridge	10
*Southern Ry., Car. Div.—		Selma, N. C., to Planners Pt., Va.	155
Charleston, S. C., to Augusta, Ga., with branches to Columbia, S. C., &c.	252	Savannah, Ga., to Jacksonville	152
Camden, S. C., to Marion, N. C.	171	Other	32
Ashev., N. C., to Alston, S. C.	134		
Other branches	157		

Also has one-sixth interest in Richmond-Washington Co., owning union line between Richmond and Washington, 115 miles. V. 75, p. 449.  
Has perpetual trackage rights over Atlan. Coast Line RR. between Savannah, Ga., Jesup and Jacksonville, Fla., 152 m. Lines under construction June 30 1905 about 175 miles. V. 81, p. 1180.

In July 1905 an option for 3 years for purchase of a majority of the stock and bonds of the Tenn. Central and the Nashv. Term. Co., jointly with the Ill. Cent., was obtained, and on Dec. 1 1905 the Southern took over the operation of the portion of main line from Nashville to Harriman, Tenn., 166 m., and the Carthage and Crawford branches, aggregating 28 miles. V. 81, p. 1494, 1725. In Dec. 1905 the Transylvania RR., Hendersonville to Lake Toxaway, N. C., 42 m., was leased. V. 81, p. 1703. In July 1906 the Birmingham Southern RR., 26 miles, was sold to the Tenn. Coal Iron & RR. Co. V. 83, p. 39. In Aug. 1906 acquired the entire stock of the Virginia & Southwestern, extending from Bristol, Va., northerly to Big Stone Gap and southerly to Mountain City, Tenn., 134 miles, contract having been let in June 1906 for extension from Moccasin Gap to Persla, Tenn., 38 miles. V. 83, p. 626.

**Affiliated but Operated Separately (See each company).**  
Alabama Great Southern 357 Northern Alabama 110  
Cincin. N. O. & Texas Pacifie 336 Georgia Southern & Florida 397  
**ORGANIZATION, &c.**—A reorganization in 1894 of the old Richmond & West Pt. Ter. system per plan in V. 58, p. 363, 385. See also V. 56, p. 858, 874, 1016, 1058, and V. 57, p. 61.

RAILROADS. For explanation of column headings, &c., see notes on first page of tables.	Miles of Road.	Date of Bonds.	Size, or Par Value.	Amount Outstanding	INTEREST OR DIVIDENDS.			Bonds—Principal When Due. Stocks—Last Dividend.
					Rate %	When Payable.	Where Payable, and by Whom.	
<b>Southern Railway—(Concluded)</b>								
Virginia Midland—Serial mortgages.....	---	1881	\$1,000	\$7,034,000	5, 6	M & S	Safe Dep & Tr Co, Balt	Var 1911-1931
General mortgage.....	Ce 347	1886	100 & c	5,459,000	5	M & N	J P Morgan & Co, N Y	May 1 1936
Washington Ohio & Western first mortgage.....	Ce 50	1884	1,000	a1,025,000	4	F & A	do do	Feb 1 1924
Western North Carolina 1st cons M gold.....	Ce.c* 309	1884	1,000	b2,531,000	6 g	J & J	do do	July 1 1914
East Tennessee Virginia & Georgia								
Div M gold (Bristol, Tenn, to Selma, Ala).....	Ce.c* 552	1880	1,000	3,106,000	5 g	J & J	do do	July 1 1930
E T Va & Ga cons M gold (\$20,000,000).....	Ce.c&r 1,020	1886	1,000	12,770,000	5 g	M & N	do do	Nov 1 1956
Alabama Central 1st M Selma to Meridian gold.....	Ce 95	1879	1,000	1,000,000	6 g	J & J	do do	July 1 1918
Knoxville & Ohio 1st M gold (V 79, p 1466).....	Ce.c* &r 66	1885	1,000	2,000,000	6 g	J & J	do do	July 1 1925
<b>B—Southern Railway Divisional Securities.</b>								
East Tennessee lien gold.....	Ce.c* &r 1,020	1894	1,000	4,500,000	5 g	M & S	do do	Sept 1 1938
First M on Memphis & Ch (\$8,000,000) gold.....	G.c* 292	1898	1,000	5,783,000	5 g	J & J	do do	July 1 1996
Charlottesville & Rap 1st M s f red par Jan 1 yearly	28	1879	100 & c	217,900	6	J & J	Phila Tr, S D & Ins Co	July 1 1913
Alken Branch first mortgage gold (V 68, p 826).....	A 24	1898	500	150,000	4 g	J & J	J P Morgan & Co, N Y	July 1 1998
St Louis Div 1st M gold.....	IC.c* &r 365	1901	1,000	12,250,000	4 g	J & J	do do	Jan 1 1951
Coll M g \$9,500,000 s f sec M & O gen 4s.....	G.c* &r ---	1901	1,000 & c	8,084,000	4 g	M & S	do do	Sept 1 1938
Mobile & Ohio bonds—See Mobile & Ohio RR Co.								
<b>C—On Properties Practically Owned by (*) or Leased to</b>								
*Atlantic Yadkin first mortgage gold guar.....	Ce.c* 166	1899	1,000	1,500,000	4 g	A & O	do do	April 1 1949
*Richmond & Mecklenburg 1st M \$315,000 gold.....	Ce 31	1899	1,000	315,000	4 g	M & N	do do	Nov 1 1948
*Atlanta & Charlotte—Stock.....	---	---	100	1,700,000	7 in 1906	M & S	Central Trust Co, N Y	Sept 6 '06 3 1/2 %
Pref M (old 7s extended in 1897, V 64 p 286) cur.....	265 1/2	1877	1,000	500,000	4 c	A & O	do do	Jan 1 1907
First mortgage.....	265 1/2	1877	1,000	4,250,000	7	J & J	do do	Jan 1 1907
Income bonds (not cum) 6s interest at 4%.....	---	1880	500	750,000	4	A & O	do do	Jan 1 1907
*Georgia Midland first mortgage interest guar.....	Ce 98	1896	1,000	1,650,000	3 g	A & O	J P Morgan & Co, N Y	1946
*North Carolina stock 7% guaranteed.....	---	---	100	4,000,000	7	F & A	Burlington, N C	Aug 1906 3 1/2 %
*Mobile & Birmingham RR prior lien gold.....	Ce.c 149	1895	200 1,000	600,000	5 g	J & J	J P Morgan & Co, N Y	July 1 1945
First mortgage \$1,200,000.....	Me.c 149	1895	200 1,000	1,200,000	4	J & J	do do	July 1 1945
Preferred stock.....	---	---	100	900,000	4	J & J	do do	July 1 1906 2 %
<b>Northern Alabama Ry—See that Company.</b>								
Virginia & Southw—1st M \$2,000,000 g guar.....	Mo 136	1902	1,000	2,000,000	5 g	J & J	Bank of Man, 40 Wall, N Y	Jan 1 2003
*Atlantic & Danville first mortgage.....	Me 278	1900	1,000	3,925,000	4 g	J & J	Mercantile Trust Co, N Y	July 1 1948
Second mortgage gold.....	Te 278	1904	1,000	775,000	4 g	J & J	New York	July 1 1948
*Transylvania 1st M \$500,000 gold.....	S.c* &r 42	1906	1,000 & c	434,000	5 g	J & J	Standard Trust Co, N Y	Jan 1 1956
Also additional amounts pledged June 30 1905	under first co	nsolidate	d mortgage:	a\$225,000	b\$1,3		25,000.	

In 1903-04 jointly with Lou. & Nash. acquired \$13,670,300 of the \$15,500,000 Chlc. Ind. & Lou. stock in exchange for their joint 50-year 4% bonds. V. 74, p. 1029, 1090.

STOCK.—Authorized \$120,000,000 com. and \$60,000,000 5% non-cum. pref. stock. No additional mtge. can be put upon the property, nor can the amount of the pref. stock be increased without the consent of holders of a majority of the pref. As to question whether the pref. is subject to call, see V. 72, p. 1136.

VOTING TRUST.—A majority of both classes of stock is deposited with three stock trustees under an extension consented to in 1902, until Oct. 15 1907, and thereafter until terminated by a vote of a majority of the stock assenting thereto, although the stock trustees may, in their discretion, deliver the stock at an earlier date. Stock trustees: J. P. Morgan, Charles Lanier and George F. Baker. Provisions of voting trust and pref. stock cert. in "Supp." of April 1897, p. 6. As to extension, see V. 75 p. 442, 612, 1033.

DIV'DS (%) } 1897 1898 1899 1900 1901 1902 to Oct 1906  
on pref. } 1 1 2 3 4 5 yearly, A. & O.

BONDS.—The 1st consol. mtge. (see abstract in V. 59, p. 783; see also V. 81, p. 1850 V. 83, p. 436) is limited to \$120,000,000, viz.:

Issued to June 30 1905 (of which \$3,128,000 in treasury).....\$45,339,000  
Issuable only to "prior bonds" (see V. 59, p. 785).....64,791,000  
retire certain } stocks (see V. 59, p. 786).....5,700,000  
equipment obligations (see V. 79, p. 786).....277,700

To be issued hereafter only for extensions and additions at not exceeding \$2,000,000 yearly, with a single exception as to \$4,000,000 (see V. 59, p. 786).....3,942,300  
Prior bonds must be paid by maturity, except those of Atl. & Charl. Air Line, Ala. Cent., Charl. Col. & Aug. and Richm. York River & Ches.

The "development and gen. mtge." bonds (\$200,000,000 authorized issue) will be used to fund the capital obligations and divisional prior lien bonds outside of the 1st consols and provide for future additions and improvements and betterments of the system, as follows:

Application of \$200,000,000 Development and General Mtge. Bonds. Issuable forthwith to refund payments for equipment heretofore made, investments in securities and advances to subordinate roads, acquisitions, double-tracking, &c.....\$15,000,000  
Reserved for following purposes:

- (1) To retire divisional prior liens not provided for by the consolidated mortgage.....31,158,000
- (2) To retire not later than April 1 1909 the collateral trust 5s.....16,000,000
- (3) To retire equipm't capital obligations maturing in the next 15 years.....18,008,000
- (4) To acquire capital stocks of certain leased lines.....10,000,000
- (5) To pay not later than July 1 1908 for Eastern Division of Tennessee Central and immediate improvements.....10,000,000
- (6) To provide for future acquisitions and betterments under stringent provisions (a) at not exceeding \$5,000,000 yearly for improvements and equipment and (b) in exchange for 1st mtge. bonds not exceeding in amount the actual cost thereof of railroads and terminals hereafter acquired.....99,834,000

The "development and general mtge. bonds, after consummation of purchase of Eastern Division of Tenn. Cent. RR. and retirement of the \$16,000,000 collat. trust 5s of 1909, will be a first lien on 971 m. of road owned in fee, the leasehold, trackage or other rights on 1,085 miles, and the majority of stock of roads aggregating 475 miles, a total of 2,531 m.; also on stocks giving perpetual rights to use freight and pass. terminal properties at 16 of the principal Southern cities, including a bridge over the Ohio River at Louisville, and all future acquisitions constructed or acquired. They will also be a second lien subject to existing divisional mtges., for which bonds are reserved, on 1,247 miles and a general lien subject to the 1st consols on the property covered thereby. See circular, V. 82, p. 397.

Divisional 1st mtge. bonds, issued in 1898 on account of purchase of Mem. & Charl. Ry. bear 5% interest since July 1 1906. The total authorized issue is \$8,000,000, but \$1,500,000 (of which \$400,000 issued) was reserved to build a line for which contracts were let in 1905, replacing trackage between Stevenson and Chattanooga, 38 m.; the remaining \$1,100,000 is held for betterments at not exceeding \$100,000 yearly. See V. 67, p. 179; V. 81, p. 1180; V. 83, p. 436.

Second mtge. on former Mem. & Charl. secures \$2,500,000 of 5s, of which \$1,500,000 owned by So. Ry. June 30 1905 and \$1,000,000 reserved for improvements. St. Louis Division mtge. covers the former Lou. Evansv. & St. L. RR., consisting of 374 miles of main line and branches, the balance unissued being reserved for extensions, improvements or additional equipment. V. 72, p. 138.

The collat. trust 4s of 1901 have been issued, \$ for \$, in exchange for the Mobile & Ohio gen. 4s as acquired, by a pledge of which they are secured. Stock trust certificates for M. & O. stock are now entitled to dividends at rate of 4% per annum in perpetuity. V. 72, p. 242, 822. In 1905 \$8,035,000 of the \$9,472,000 bonds and \$5,670,200 of the \$6,070,600 stock had been deposited. V. 72, p. 439; V. 73, p. 664. See M. & O. statement. Jointly with St. L. & San Fran. RR. guarantees bonds of N. O. Term. Co. V. 77, p. 38, 699; V. 79, p. 1466.

Equipment trusts mature as follows: Series E \$150,000 each J. & D. to June 1906, incl., and \$147,000 each J. & D. thereafter; series H, \$225,000 each M. & N. Late in 1905 \$2,800,000 4% series K equipment trusts were sold; in 1906 \$9,000,000 series L. V. 81, p. 1850; V. 82, p. 1323. In July 1906 consols were being issued in exchange, \$ for \$, for the \$2,000,000 Charl. Col. & Aug. 1st 5s; \$936,000 had then been exchanged. V. 73, p. 1265. Guaranty of Ala. Gt. Sou. certs., V. 81, p. 1725; V. 82, p. 162.

GENERAL FINANCES.—The stockholders on April 18 1906 authorized a development and general mtge. to secure \$200,000,000 bonds, of which it has been arranged to sell the \$15,000,000 present issue and the first \$5,000,000 additional to be issued. See "Bonds" above.

In April 1904 \$15,000,000 5-year collat. trust bonds (\$16,000,000 authorized issue) were sold, secured by stocks and bonds in the treasury, giving an annual income of \$939,172, the proceeds being used to refund the \$4,000,000

collat. trust certificates of 1901 and \$10,000,000 certificates of indebtedness. V. 78, p. 1224, 1448, 2385.

In May 1906 it was reported that the company had about completed negotiations to sell \$2,500,000 two-year notes in London. V. 82, p. 1269. Atlanta & Charlotte Air Line refunding, see V. 82, p. 1158.

LATEST EARNINGS.—1906.....Gross, \$9,123,560; net, \$2,055,880  
2 mos., July 1 to Aug. 31, 1905.....Gross, 8,281,489; net, 2,237,675

ANNUAL REPORT.—Fiscal year ends June 30. Annual meeting is held the second Tuesday in October. The report for 1905-06 was given at length in "Chronicle" of Sept. 20. See also editorial, p. 1170.

Traffic.—The freight tonnage is widely diversified, which is an element of strength. Agricultural products in 1904-05 furnished only about 12% (cotton about 4%), while over 41% was from mining industries (29% being coal) and about 29% was product of manufactories. Ton rate, 0.930 cents per mile; train-load, 236 tons.

Years end, June 30—	1906.	1905.	1904.	1903.
Average miles operated.....	7,374	7,199	7,164	7,129
Freight.....	\$00,000,000	\$31,775,326	\$30,032,416	\$28,081,034
Passengers.....	00,000,000	12,471,572	11,314,045	10,804,542
Mail, express, &c.....	0,000,000	3,898,210	3,763,316	3,468,485
Gross earnings.....	\$53,641,439	\$48,145,108	\$45,109,777	\$42,354,061
Net earnings.....	\$13,868,300	\$13,062,594	\$11,994,310	\$11,364,921
Other income.....	1,589,000	1,612,840	1,395,181	1,211,261
Total net income.....	\$15,457,300	\$14,675,434	\$13,389,491	\$12,576,182
Interest and rentals.....	\$9,853,358	\$9,290,433	\$8,952,329	\$8,446,041
Other deductions.....	374,876	1,289,918	1,030,569	422,663
Bal. sur. for year.....	\$5,229,066	\$4,095,083	\$3,406,594	\$3,707,478
Dividends on pref. (5%).....	\$3,000,000	\$3,000,000	\$3,000,000	\$3,000,000

OFFICERS.—Pres., Samuel Spencer, 80 Broadway, N. Y.; Sec., R. D. Lankford, 80 Broadway, N. Y.; Treas., H. C. Ansley, 1300 Pennsylvania Avenue, Washington, D. C.

Directors—A. B. Andrews, Raleigh, N. C.; Joseph Bryan, Richmond, Va.; W. W. Finley, Washington, D. C.; S. M. Inman, Atlanta, Ga.; Adlan Iselin Jr., Samuel Spencer, Charles Steele, James T. Woodward, Harris C. Fahnestock, Robert M. Galloway, Charles Lanier and Edmund D. Randolph of N. Y.—(V. 82, p. 1158, 1269, 1323; V. 83, p. 39, 267, 436, 613.)

SOUTHERN RAILWAY, CAROLINA DIVISION.—Charleston, S. C., to Augusta, Ga., with branches to Columbia, S. C., &c., 252 m.; Camden, S. C., to Marion, N. C., 171 m.; Asheville, N. C., to Alston, S. C., 134 m.; other branches, 138 m.; total, 695 miles. Leased to the So. Ry. Stock authorized, \$7,798,700, all owned by the So. Ry. Of the generals of 1902 (\$18,000,000 authorized), \$6,260,000 are reserved to retire at or before maturity the underlying divisional bonds, \$5,000,000 have been used to reimburse the So. Ry. for the previous purchase of the several properties, and the remainder are available for improvements, equipment and extensions, \$4,000,000 being reserved for a northwestern extension into and through the States of South Carolina, North Carolina, Virginia, Tennessee and Kentucky. V. 75, p. 136. Pres., A. B. Andrews.—(V. 75, p. 31, 136.)

SOUTHWEST PENNSYLVANIA RY.—Merged Apr. 1 1906 in Pennsylvania RR.

SOUTHWESTERN RR. (Ga.)—Owns Macon, Ga., to Eufaula; Fort Valley to Columbus, Ga., &c. with branches; total, 333 miles.

Leased for 101 years from Nov. 1 1895 to Central of Georgia Ry. at a rental of 5% on stock. As to suit, see V. 71, p. 809; V. 73, p. 1062.

SPOKANE INTERNATIONAL RR.—Owns from Spokane, Wash., to Yahk, B. C., on the Can. Pac. Ry., about 140 m., opened late in Oct. 1906. Canadian Pacific, with which road it has a traffic agreement, has a 10-year option to purchase 51% of stock. Stock, \$4,200,000; par of shares, \$100. Bonds, \$4,200,000 (see table above), have been sold. V. 81, p. 156, 1551. Pres., Chester W. Chapin; Sec. and Treas., Alfred C. Chapin, 192 Broadway, N. Y.—(V. 82, p. 101.)

SPOKANE TERMINAL CO.—See "Street Railway" section.

SPRINGFIELD UNION DEPOT CO.—V. 77, p. 770; V. 79, p. 2589.

SPUYEN DUYVIL & PORT MORRIS RR.—Owns 6 m. double track and connects the N. Y. C. & Hudson with the N. Y. & Harlem. Leased to N. Y. C. till Dec. 31 1970 at 8% on stock.

STANLEY MERRILL & PHILLIPS RR.—See issue of Jan. 1906.

STATE LINE & SULLIVAN RR.—Owns Monroeton, Pa., to Berenice, Pa., 24 miles. Stock, \$980,250 (par, \$50). Dividend, 1%, paid Dec. 7 1904. Mtge. covers 5,000 acres coal lands. The bonds are subject to call at 105 after 1914 at par. V. 67, p. 1209. Road leased till 1934 to Penn. & N. Y. Canal & RR. (rental, \$40,000 per ann.), and so oper. by Lehigh Valley.—(V. 74, p. 479 V. 76, p. 332.)

STATEN ISLAND RY.—Chilton to Tottenville, 12.64 miles. STOCK.—\$1,050,000, of which \$569,850 owned by Balt. & Ohio; par, \$75. Year ending June 30 1906, gross, \$237,794; net, \$6,327; int. and taxes, \$32,093; balance, deficit \$25,766.—(V. 61, p. 737.)

STILLMORE AIR LINE RY.—See Wadley Southern Ry.—(V. 83, p. 436.)

STOCKBRIDGE & PITTSFIELD RR.—See N. Y. N. H. & Hart. RR.

SUFFOLK & CAROLINA RY.—Suffolk, Va., to Edenton, N. C., on Albemarle Sound, 50 miles; branch from Beckford to Elizabeth City, N. C., 25 miles. Acquired by Norfolk & Southern Ry., being taken over Jan. 1906. V. 81, p. 841, 1850; V. 82, p. 805. Year ending June 30 1905, gross, \$131,002; net \$52,458; total deduc., \$44,537; bal., sur., \$7,921.—(V. 81 p. 1850.)

RAILROADS. For explanation of column headings, &c., see notes on first page of tables.	Miles of Road.	Date of Bonds.	Size, or Par Value.	Amount Outstanding	INTEREST OR DIVIDENDS.			Bonds—Principal, When Due. Stocks—Last Dividend.
					Rate %	When Payable.	Where Payable, and by Whom	
Southern Railway, Carolina Division—								
aSouth Car & Georgia 1st M gold \$5,250,000...Ce.c*	245	1894	\$1,000	\$5,250,000	5 g	M & N J P Morgan & Co, N Y	May 1 1919	
*Spar Union & Col \$1,000,000 guar Ash & Sp gold	---	1895	1,000	1,000,000	4 g	J & J do do	Jan 1 1905	
Sumter & Watree River RR first mortgage...Ce	16	1899	1,000	1,000,000	5 g	A & O do do	April 1 1919	
General mortgage \$18,000,000 gold...N	---	1902	1,000	5,000,000	4 g	F & J do do	July 1 1952	
South Penn—1st M s f \$5,000 yearly not drawn...r	128	1877	1,000	900,000	7	J & A Broad St Station, Phila	Feb 1 1917	
Southwestern (Ga)—Stock (see text)...	333	---	100	5,101,100	5	J & J Savan, Ga, & Macon, Ga	July 5 '06 2 1/2 %	
Spartanburg Union & Columbus—See Southern Ry, C	arolln a Divis ion.							
Spokane International—1st M \$4,200,000 gold...K	---	1905	1,000	See text.	5 g	J & J Knickerbocker Tr Co, NY	July 1 1955	
Spuyten Duyvil & Pt Morris—Stock 8 % guar N Y Cen	6	---	100	989,000	8	J & J Grand Cent Station, N Y	July 1906 4 %	
Stanley Merrill & Phillips—First mortgage gold...c	52	1903	1,000	300,000	5 g	M & N Office, Eau Claire, Wis	May 1 1918	
State Line & Sullivan—1st M \$300,000 gold...Un.c*	24	1898	1,000	207,000	4 1/2 g	J & J Union Trust Co, N Y	Jan 1 1929	
Staten Island Ry and Staten Island Rapid Transit—	See Baltimo re & Ohio							
Suffolk & Carolina. See Norfolk & Southern								
Sullivan County RR—First mortgage \$400,000...c	---	1894	1,000	357,000	4	A & O Safe Dep & Trust Co, Bos	April 1 1924	
Sunbury Hazleton & Wilkesbarre—Sunbury & Lewist	own—	See Pennsylvan ia RR						
Suncook Valley—Stock 6 % rental Con & Mon...---	---	---	100	240,000	6	J & J Manchester N H Nat Bk	July 1906 3 %	
Susq Blooms & Berw—1st M \$700,000 gold...FP	47	1902	1,000	700,000	5 g	A & O Fidelity Trust Co, Phila	Oct 1 1952	
Syracuse Binghamton & New York—Stock...---	81	---	100	2,500,000	8 In 1905	Q—F D L & W RR Co, N Y	Aug 1 1906 2 %	
Syracuse Geneva & Corning—Stock 3 1/2 % rental)...	---	---	100	1,325,000	3 1/2	Q—F Grand Cent Station, N Y	Nov 1 1906 7/8 %	
Second (now first) mortgage...F.c	64	1879	1,000	600,000	5	M & S do do	Mar 1 1909	
Tac East—1st M \$1,500,000 g red 110 begln '08...iC.c*	69	1903	1,000	884,000	5 g	J & J N W Harris & Co, Chic	Jan 1 1923	
Tallah Falls—First mortgage gold...iB	44	1901	1,000	374,000	5 g	J & J International Tr Co, Bost	July 1 1921	
First consolidated mortgage gold redeem 105...S.c* & r	44	1903	1,000 & c	500,000	5 g	J & J Standard Trust Co, N Y	Jan 1 1933	
Tennessee Cent—Prior lien M \$4,200,000 g red...MSt.c*	320	1904	1,000	4,014,000	4 g	J & J Miss Valley Tr Co, St L	Jan 1 1934	
General mortgage \$20,000,000 gold (see text)...c*	320	1904	1,000	8,000,000	5 g	J & J Mercantile Tr Co, St Louis	Jan 1 1954	
Tennessee Ry—First mortgage \$2,500,000 gold...S.c* & r	16	1905	1,000	250,000	5 g	J & J New York	July 1 1935	
Terminal Railroad Association—First M gold...S.c*	---	1889	1,000	7,000,000	4 1/2 g	A & O J P Morgan & Co, N Y	Oct 1 1939	
First consol mortgage \$12,000,000 gold...S.c*	---	1894	1,000	5,000,000	5 g	F & A do do	Aug 1 1944	
Gen M ref \$50,000,000 g s f red (text)...Ce.c* & r	---	1903	1,000 & c	18,000,000	4 g	J & J do do	Jan 1 1953	
St Louis Bridge Co first pref stock guaranteed...---	---	---	100	2,490,000	6	J & J do do	July 1906 3 %	
Second preferred stock guaranteed (endorsed)...---	---	---	100	3,000,000	3	J & J do do	July '06 1 1/2 %	
First mortgage gold...c*	---	1879	500 & c	5,000,000	7 g	A & O New York and London	April 1 1929	
Tunnel RR of St Louis stock guaranteed (endorsed)...---	---	---	---	1,250,000	6	J & J J P Morgan & Co, N Y	July 1906 3 %	
Terminal Ry (Buffalo)—1st M \$1,000,000 gold...N.c*	11	1896	1,000	1,000,000	4 g	A & O Grand Cent Station, N Y	April 1 1946	
Terre Haute & Indianapolis—Terre Haute & Logansport	See Vandalla RR.							

**SULLIVAN COUNTY RR.**—Road from Bellows Falls to Windsor, Vt. 26 miles. Road opened 1849; operated since April 1893 by Boston & Maine. Net earnings, less taxes and int. on bonds, paid lessor. Stock, \$500,000, owned by Vermont Valley RR. For year 1905-06, gross, \$401,089; net, \$79,710; int., taxes, &c., \$28,174; divs. (8%), \$40,000; bal., sur., \$2,536.—(V. 65, p. 867.)

**SUNCOOK VALLEY RR.**—Owns road Suncook to Pittsfield, N. H., 17 miles. Leased till 1912 to Concord & Montreal for 6% on \$240,000 of capital stock; total stock issued is \$341,700, of which \$101,700 is non-dividend paying. Pres., Hiram A. Tuttle, Pittsfield, N. H.

**SUSQUEHANNA BLOOMSBURG & BERWICK RR.**—Watson town to Berwick, Pa., 47 miles. V. 75, p. 343. Stock, \$1,000,000, all outstanding; par of shares, \$50. Bonds, see table. V. 75, p. 1303; V. 82, p. 753. Year ending June 30 1906, gross, \$213,409; net, \$98,732; charges, \$50,098; bal., sur., \$48,631. Pres., J. Henry Cochran, Williamsport, Pa.—(V. 75, p. 1303; V. 82, p. 753.)

**SUSQUEHANNA & NEW YORK.**—See issue of Jan. 1906.

**SUSSEX RR.**—Stanhope to Franklin, N. J., and branch, 30 miles. Operated by Del. Lack. & Western, which owns a majority of the \$1,638,600 stock. Dividends from earnings of 1899, 3%; 1900, 4%; 1901 to 1903, both incl., 2% yearly; 1904, 5%; 1905, none. For cal. year 1905 gross, \$222,227; net, \$67,257; taxes, \$4,642; bal., sur., \$62,615.

**SYRACUSE BINGHAMTON & N. Y. RR.**—Geddes, N. Y., to Binghamton, N. Y., 81 miles. Controlled since 1869 by Del. Lack. & West., which Jan. 1 1905 owned \$1,909,400 stock and purchased the \$1,960,000 7% bonds maturing Oct. 1 1906.

DIVIDENDS.—	Per cent	'88. '89. '90. '01. '02. to May '06, Includ.				
		12	8	8	13	8 yearly (2% quar.)
REPORT.—Gross.						
1905		\$1,386,272	\$528,333	\$137,388	\$200,000	sur. \$190,945
1904		1,294,206	466,773	137,890		—(V. 65, p. 568.)

**SYRACUSE GENEVA & CORNING RY.**—Corning, N. Y., to Geneva, N. Y., 58 miles; Penn Yan to Dresden, 6 m. Leased from May 1 1899 for term of corporate existence to N. Y. Central for \$46,375 per annum, payable quarterly, interest on bonds and other obligations, taxes and repairs, the N. Y. C. owning \$821,800 of the \$1,325,000 stock, par \$100. Rental equivalent to 3 1/2 % on stock. The \$253,750 1st 7s were paid at maturity Nov. 15 1905.—(V. 81, p. 1494.)

**TACOMA EASTERN RR.**—Owns Tacoma, Wash., to Watkins, 56 miles, to Blumhous coal fields; branches, 13 m.; total, 69 m. In July 1906 reported to be sold to Chicago Milwaukee & St. Paul RR. Stock, common, \$750,000; pref., 6% non-cum., \$750,000; all issued; par of shares, \$100. Of the bonds (see table above) additional amounts up to \$1,000,000 can be issued only at the rate of \$13,000 per additional mile of track. V. 76, p. 655. Pres., Edward Cookingham, Portland, Ore.; Sec., E. M. Hayden, Tacoma, Wash.—(V. 76, p. 655.)

**TALLULAH FALLS RY.**—Owns Cornelia to North Carolina line, via Tallulah Falls, Ga., 44 miles; extension from Nor. Car. line to Franklin, N. C., 14 m., is to be completed during 1906. Stock authorized, \$500,000, of which \$250,000 is 5% non-cum. pref.; par of shares, \$100. Bonds are limited to \$15,000 per mile. Year ending June 30, 1905 (35 miles), gross, \$35,494; net, \$3,859. Pres., Geo. L. Prentiss, 31 Nassau St., N. Y.—(V. 75, p. 241.)

**TEHUANTEPEC NATIONAL RY.**—V. 74, p. 94; V. 75, p. 704.

**TEMISCOUATA RY.**—V. 83, p. 273, 626.

**TENNESSEE CENTRAL RR.**—Harriman, Tenn., westerly to Hopkinsville, 251 miles; branches, 59 m.; lines at Nashville terminals, 10 m.; total, 320 miles. Extension from Nashville northwesterly, via Clarksville, to Hopkinsville, Ky., 73 m., was completed in Dec. 1903. Leases till May 1 2001, and owns entire \$1,000,000 stock of Nashv. Terminal Co., including terminals and bridge and 18 m. of track. In 1904 reorganized without foreclosure. See below. V. 78, p. 1783; V. 79, p. 213.

In July 1905 the Illinois Central and Southern Ry. acquired an option for 3 years for the purchase of a majority of the stock and bonds of the Tenn. Cent. and Nashville Term., which in July 1906 had not been exercised. On Dec. 1 1905 the Southern Ry. took over the operation of the Eastern division, Nashville to Harriman, Tenn., with Carthage and Crawford branches, and the Illinois Central the Western division, Nashville, Tenn. to Hopkinsville, Ky. V. 81, p. 1316, 1437, 1725.

**SECURITIES.**—Stock authorized and outstanding, \$8,000,000, all common (par of shares, \$100).

The prior liens of 1904 are subject to call at 110 on Jan. 1 1909, or any subsequent interest day; of the bonds, \$61,000 are reserved to retire the \$46,000 Nashville & Knoxville 6s due 1918. V. 80, p. 1059.

The gen. 5s (\$20,000,000 auth., Merc. Tr. Co. of St. Louis, trustee) are limited (incl. \$4,200,000 reserved to retire prior lien 5s) to \$37,500 per mile on the 320 miles of present mileage. The remaining bonds can only be issued for additional mileage constructed or acquired at not over \$25,000 per mile. V. 78, p. 1783; V. 79, p. 213. The Nashville Term. mtge. is for \$1,000,000; see that co. Pres., J. M. Overton.—(V. 81, p. 1725; V. 82, p. 511.)

**TENNESSEE RY.** Owns Onelda, Tenn., to Montgomery Mills, 28 m. In Aug. 1906 contracts let for extension of 20 m. Road to be 75 m. in all when completed. Stock authorized, \$1,000,000; outstanding, \$200,000; par of shares, \$100. Stockholders on July 14 1905 authorized a mtge. for \$2,500,000. Pres., Bird M. Robinson; Sec., M. T. De Vault. Office, 5 Nassau St., N. Y.—(V. 81, p. 1242.)

**TERMINAL RR. ASSOCIATION OF ST. LOUIS.**—PROPERTY.—Owns and operates extensive terminals at St. Louis, with belt lines and bridges, and a tunnel 4,800 feet in length; operates East St. Louis & Carondelet Ry., 12 m., since Feb. 1 1902; V. 74, p. 479. Touching the Missouri & Illinois Bridge & Belt RR., see that company's statement.

**ORGANIZATION.**—Organized in 1889. The following companies are sole owners: Cleveland Cincinnati Chicago & St. Louis, Louisville & Nashville, St. Louis Iron Mountain & Southern, Baltimore & Ohio Southwestern, Missouri Pacific, Wabash, Vandalla RR. (Penn. RR. system), Chic. Rock Isl. & Pacific, St. Louis & San Fran., Chic. & Alton, Chic. Burl. & Quincy, Ill. Central, Southern Ry. and the Mo. Kan. & Tex., the seven last named

having acquired their interests in Dec. 1902 and Jan. 1903. V. 75, p. 1355; V. 76, p. 103. These companies agree under contract to use the property forever and pay as tolls the interest, taxes, rentals and other charges, and each line will contribute its proportion to the extent of one-fourteenth to make up any deficiency from unforeseen circumstances. See V. 79, p. 499. See also St. Louis Merchants' Bridge Terminal RR.

**LEASES.**—The leases of the Bridge and the Tunnel are for their corporate existence, and were made July 1 1881. As to litigation, see V. 77, p. 299. 512; V. 78, p. 1908, 2443, 2600; V. 81, p. 32, 1666.

**STOCK.**—Capital stock, authorized amount, \$50,000,000, as increased in Dec. 1902; outstanding July 1906, \$2,882,000.

**BONDS, &c.**—The mortgage of 1889 was described in advertisement in "Chronicle" of Feb. 13 1892.

Of the gen. mtge. refunding 4% sinking fund gold bonds of 1953 (\$50,000,000 authorized), \$18,000,000 have been sold for new construction, improvements and additions, \$17,500,000 are reserved to retire existing bonds and \$14,500,000 for issue after Jan. 1 1906 at not over \$1,000,000 yearly for improvements and acquisitions. A sinking fund commencing July 1 1906 will retire \$100,000 of these bonds yearly by lot at 110 and interest if not purchasable for less. The entire issue is subject to call at 110 and interest on and after Jan. 1 1910. See V. 76, p. 267, 383, 481, 807; V. 79, p. 499.

Guarantees \$3,500,000 St. L. Merchants' Bridge Ter. 1st 5s and interest on \$2,000,000 1st 6s of Merchants' Bridge. See those companies.

**ANNUAL REPORT.**—Year ends June 30.

Year	Gross.	Net.	Div. Inc.	Charges.	Balance.
1905-06	\$2,847,952	\$1,453,133	\$936,459	\$2,360,973	sur \$28,619
1904-05	2,923,020	1,431,318	999,702	2,213,106	sur 217,914

Chairman of Board, Julius S. Walsh; Pres., W. S. McChesney Jr.; Sec., C. A. Vinudgo; Treas., F. C. Daab.—(V. 82, p. 393; V. 83, p. 324.)

**TERMINAL RY. OF BUFFALO.**—Blasdel, N. Y., to Depew, Erie Co., N. Y., 11 miles. Opened Sept. 15 1898. V. 67, p. 530. Stock is \$1,000,000. Lake Sh. & Mich. So. and N. Y. C. & H. R. RR each own 5,000 shares of the stk. Year to June 30 '06, gross, \$69,658; net, \$52,740; int. and taxes, \$47,300; bal., sur., \$5,440. Sec., E. V. W. Rossiter, N. Y.—(V. 67, p. 530.)

**TERRE HAUTE & INDIANAPOLIS RR.**—See Vandalla RR.

**TERRE HAUTE & LOGANSPOUR RY.**—See Vandalla RR.

**TERRE HAUTE & PEORIA RR.**—(See Map of Pennsylvania RR.)—Road operated from Terre Haute, Ind., via Decatur, to Peoria, Ill., 174 m., of which 138 m. are owned and half interest owned in 8 m., and 28 m. is by trackage over other roads. From Oct. 1 1892, leased for 99 years to the Terre Haute and Indianapolis at rental of 30% of gross earnings, with a minimum sufficient to pay int. on debt, the lease being assumed Jan. 1 '05, by the Vandalla RR. See V. 55, p. 766; V. 81, p. 212. Lessee owns \$554,200 of the \$1,837,400 pref. and \$1,417,000 of the \$1,926,800 common.

**BONDS.**—The consols (Union Trust Co., N. Y., trustee), carry the guaranty of the T. H. & Indianapolis. In 1905 all back coupons had been paid, the litigation being settled. V. 81, p. 156, 212; V. 72, p. 481, 873. See guaranty, V. 81, p. 212.

**EARNINGS.**—For calendar year 1905, gross, \$649,346; net, \$52,958; rental from lessee, \$194,804; bal., loss to lessee, \$141,845.—(V. 81, p. 212.)

**TEXAS CENTRAL RR.—ROAD.**—Runs from Waco, in McLennan Co., to Stamford, Tex., &c., 227 miles. Extension from Stamford west, 42 m., will be completed by Dec. 1906.

DIVID'DS (p. c.)	'96.	'97.	'98.	'99.	'00.	'01.	'02.	'03.	'04.	'05.	'06.
On common	---	---	---	---	---	2 1/2	2 1/2	2 1/2	2 1/2	5	5
On preferred	3	3	3	4	4	7 1/2	5	5	5	5	5

**LATEST EARNINGS.**—2 mos., 1906. Gross, \$144,310; net, \$60,997 July 1 to Aug. 31, 1905. Gross, 136,591; net, 55,687 Surplus over charges, 2 months, \$55,831, against \$50,521 in 1905.

**BONDS.**—In Oct 1906 preparations were being made to issue \$700,000 additional bonds for western extension; application was pending for cancellation of the outstanding bonds and a re-issue under certain conditions. V. 82, p. 1213, 453.

Report for year ending June 30 1905 was in V. 81, p. 1098. In 1905-06, gross, \$915,241; net, \$370,920; other income, \$14,525; interest, \$40,128; dividends, \$108,690; new equipment and improvements, \$115,260; bal., \$31,357.—(V. 82, p. 453, 1213; V. 83, p. 689.)

**TEXAS MIDLAND RR.**—Road from Ennis on Houston & Texas Central Ry. to Paris, Tex., 125 miles, of which 14 trackage over St. Louis Southwestern. In 1893 purchased by Mrs. Hetty Green. Stock, \$500,000; par, \$100. Total current liabilities July 1 1904, \$1,960,970.

For year 1905-06, gross, \$415,369; net, \$66,008; charges, \$61,500; bal., sur., \$4,508. Pres., E. H. R. Green, Terrell, Tex.—(V. 63, p. 839.)

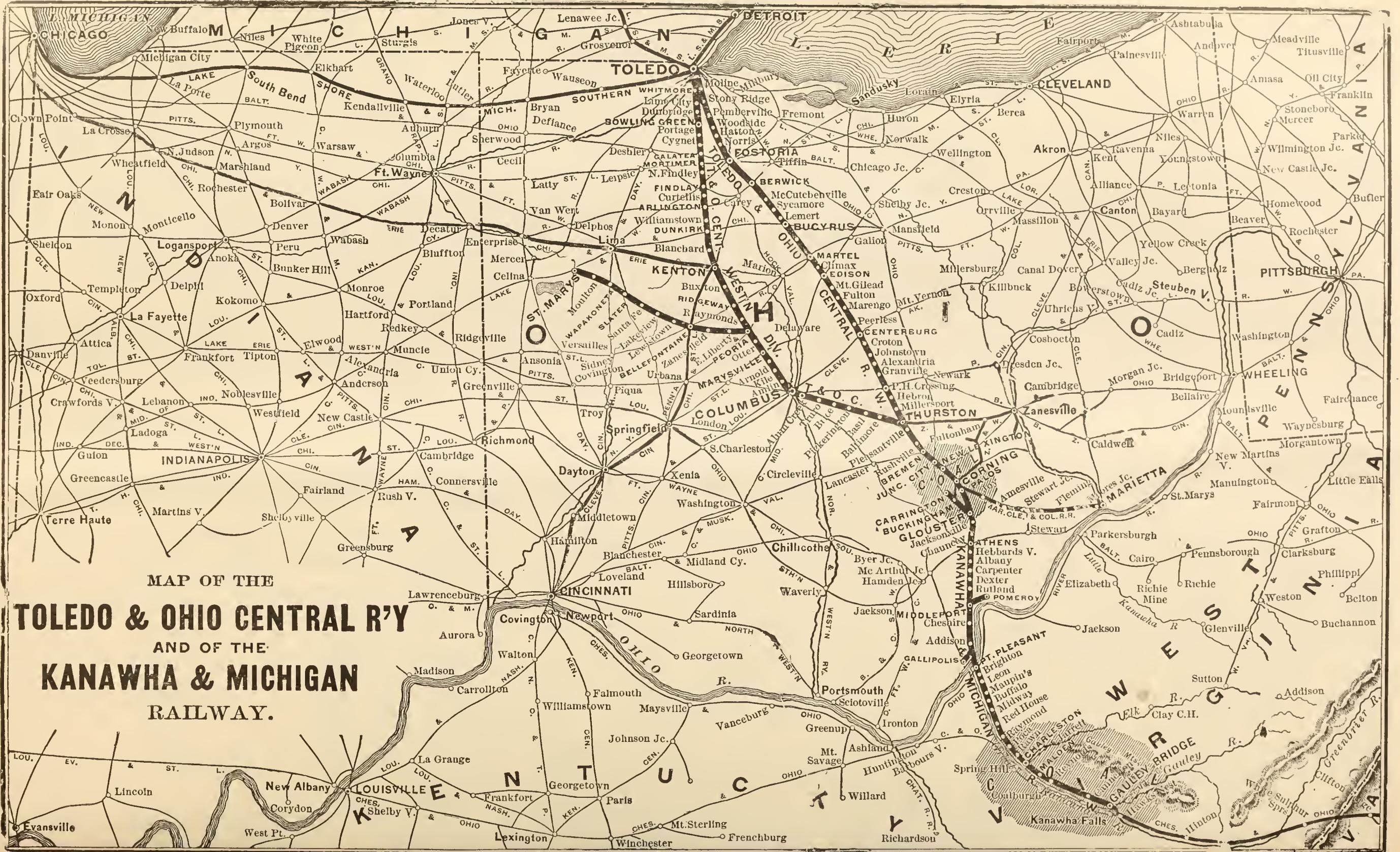
**TEXAS & NEW ORLEANS RR.**—(See Map So. Pac.)—Houston, Tex., to Orange (Sabine River), 112 miles; and Sabine Pass to Dallas, 312 miles, completed May 1903; Houston to Clinton, 8 miles; Nome to Sour Lake, 8 miles; total, 440 miles. In March 1905 law was passed permitting sale of the line from Dallas to Sabine Pass, 312 miles. V. 80, p. 1425.

**SECURITIES, &c.**—The stock is \$5,000,000, all of it being owned by the So. Pac. First 7s are purchased by the s. f. at not over 110. There were also June 30 1905 \$322,205 Texas school fund 6s, Int. M. & N., principal payable 2% per annum. Lands unsold June 30 1905, 451,954 acres.

The first mortgage of 1900 secures bonds at \$20,000 per mile on the road extending from Rockland to Dallas, Tex., about 218 miles, a part of which was purchased in 1890, and extensions hereafter acquired or constructed up to 40 miles. V. 70, p. 907; V. 71, p. 183. Equipment bonds, \$1,292,000 6s, all owned by So. Pac. V. 76, p. 1302; V. 80, p. 1425.

In year ending June 30 1905, gross, \$3,388,540; net, including other income, \$703,252; surplus over charges and taxes, \$43,272. In 1903-04, gross, \$3,624,881; net, \$791,242.—(V. 80, p. 1425.)

**TEXAS & PACIFIC RY.**—(See Map Mo. Pac.)—New Orleans, La., west to El Paso, Tex., 1,150 miles; Marshall via Texarkana, Jct. and Whitesboro to Fort Worth, 315 m.; branches, 361 m.; total, 1,826, of which 92 m., Sierra Blanco to El Paso, trackage, leaving amount owned 1,734 m. Branch to Slumspport, La., 22 miles, was completed in 1905.



MAP OF THE  
**TOLEDO & OHIO CENTRAL R'Y**  
 AND OF THE  
**KANAWHA & MICHIGAN**  
 RAILWAY.

RAILROADS. For explanation of column headings, &c., see notes on first page of tables.	Miles of Road.	Date of Bonds.	Size, or Par Value.	Amount Outstanding	INTEREST OR DIVIDENDS.			Bonds—Princpal, When Due. Stocks—Last Dividend.
					Rate %	When Payable.	Where Payable, and by Whom.	
Terre Haute & Peoria—First mortgage gold..... Un	138	1887	\$1 000	\$28,000	5 g	M & S	Union Trust Co, N Y	Mar 1 1937
First M \$2,500,000 gold guar p & l (end)..... Uu.c*	138	1892	1 000	2,202,000	5 g	M & S	R Wintrop & Co, N Y	Sept 1 1942
Texas Central—Common stock.....				2,649,300	5 ln 1906	Yearly.	Farmers L & Tr Co, N Y	July 16 1906 5 %
Preferred stock non-cumulative.....				1,324,500	5 ln 1906	J & J	do do	July 16 '06 2 1/4 %
First M \$2,000,000 gold red 110 (\$150,000 4s)..... Fc*	227	1893	1,000	*650,000	4 & 5 g	A & O	do do	April 1 1923
Texas Midland RR—Mortgage (\$750,000 ls 2d M).....	111	1893	1,000	900,000	5	J & J	None in 1905-1906.	April 1 1993
Texas & N O of 1874—Sabine Div 1st M gold..... c*&r	104	1882	1,000	2,575,000	6 g	M & S	So Pac, 120 B'way, N Y	Sept 1 1912
Consolidated mortgage for \$4,195,000..... G.c*&r	209	1893	1,000	1,620,000	5 g	J & J	do do	July 1 1943
Dallas Div 1st M gold \$20,000 per mille (text)..... Un.c*		1900	1,000	3,997,000	4 g	F & A	do do	Aug 1 1930
Texas & Pacific—Stock \$50,000,000 authorized.....			100	38,763,810				
First consolidated (now first) mortgage gold..... FP c*	1,387	1888	1,000	25,000,000	5 g	J & D	Mecrattle Trust Co, N Y	June 1 2000
Second cons Inc M (\$25,000,000) g (see rem)..... Me c*	1,387	1888	1,000	24,661,770	5 g	March 1	5 % paid March 1 1906	Dec 1 2000
Louisville Div Br lines 1st M gold \$12,500 p m..... Me	340	1901	1,000	4,513,000	5 g	J & J	Mercantile Trust Co, N Y	Jan 1 1931
Miscellaneous equipment trusts Dec 31 1905.....				1,279,029				
Texas & Pac Equip Ass'n Ser F guar \$15,000 yearly.....		1905	1,000	150,000	4 1/2	Q—M		To Dec 15 1915
Texas Short Line—First mortgage gold..... Usm	9 1/2	1901	1,000	175,000	5 g	J & J	U S Mort & Tr Co, N Y	Jan 1 1921
Tioga RR—First mortgage due 1882 and extended gold.....	46	1852	500 & c	239,500	5 g	M & N	Newbold's Son & Co, Phil	Nov 1 1915
Toledo & Ohio Central—First M gold (V 53, p 436)..... Ce	196	1885	1,000	3,000,000	5 g	J & J	Central Trust Co, N Y	July 1 1935
Western Division first mortgage gold..... N.c*	Text.	1892	1,000	2,500,000	5 g	A & O	do do	Oct 1 1935
General M (V 62 p 594) (\$2,000,000) gold..... Ce c*	335	1894	1,000	2,000,000	5 g	J & D	do do	June 1 1935
St Mary's Division first mortgage gold \$500,000 Moc.....	61	1901	1,000	500,000	4 g	F & A	do do	Feb 1 1951
do first pref inc \$500,000 non-cum 4 %..... S r	61	1901	1,000	500,000	Oct 1 lf	earned.	do do	Feb 1 1951
Car trusts July 1 1906 (principal due monthly).....				332,183	5 & 6	Monthly		To Aug 1 1908
Equipment notes g \$32,000 semi-ann (V 82 p 162).....		1906	1,000	416,000	4 1/2 g	J & J		Jan. '07-Jan '13
Guaranteed Bonds.....								
K & H C & C M g \$3,500,000 s f red 110 after '11..... Mo		1901	1,000	3,000,000	5 g	J & J	J P Morgan & Co, N Y	July 1 1951
Continental Coal first M gold s f red at 110 after '12..... S		1902	1,000	2,750,000	5 g	F & A	do do	Feb 1 1952
Kanawha & Michigan Ry—See that company.....								
Tol & Ohio Cent Ext 1st M (foreclosed) Int only guar.....		1888	1,000	300,000	5 g	M & N		Nov 1 1938
Toledo Peoria & Western 1st M (for \$5,000,000) Fc.....	230	1887	1,000	4,895,000	4 g	J & J	Amer Exch Nat Bk, N Y	July 1 1917
Toledo Ry & Term—1st M \$3,500,000 gold guar..... c*		1904	1,000	3,500,000	4 1/2 g	J & J	July 1905 coupon last paid	July 1 1954
Tol Riverside 1st M g red 102 1/2 to March 1909 guar.....		1902	1,000	150,000	5 g	M & S	March 1906 coupon paid	Mar 1 1927
Tol A & W mor g red 102 1/2 after Sept 1907 not guar.....		1902	1,000	175,000	5 g	M & S	Ohio Sav Bk & Tr Co, Tol	Sept 1 1922
Toledo St Louis & West.—Stock (1/2 is pref. 4 % n.c.).....			100	20,000,000				
Prior lien mortgage \$10,000,000 gold..... Fc & r	451	1900	1,000 & c	9,350,000	3 1/2 g	J & J	Central Trust Co, N Y	July 1 1925
First M g \$6,500,000 red after July 1925..... Col.c & r	451	1900	1,000 & c	6,500,000	4 g	A & O	do do	April 1 1950
Equip trust certs gold guar \$50,000 due s-a..... Pe P c		1906	1,000	1,000,000	4 1/2 g	M & S	Penn Co Ins on Lives, & c	Mch '07-Sep '16
Toledo Saginaw & Muskegon—First mortgage.....	96	1888	1,000	1,662,000	5	J & J	All owned by Grand Tr'k	July 1 1918
*\$650,000 additional 5s in treasury June 30 1906; to tal of \$1,300 000 issue d.								

ORGANIZATION.—In 1888 reorganized by the plan in V. 43, p. 164, and V. 45, p. 401, without having the foreclosure sale confirmed, thus preserving the original Federal charter. Land assets Jan. 1 1906 were 62,150 acres, land notes \$40,690 and \$25,932 cash.

STOCK.—Authorized, \$50,000,000; issued, \$38,763,810; par, \$100. Missouri Pacific Dec. 31 1904 owned \$6,525,000 stock.

BONDS.—See 1888 mortgage abstracts, V. 47, p. 82; V. 78, p. 1448. The Weatherford Mineral Wells & Northwestern (\$500,000 5s of 1902) are guaranteed principal and interest, by endorsement. V. 78, p. 344. The Opelousas Gulf & Northeastern bonds (authorized issue \$5,000,000) are also guaranteed. V. 83, p. 689. Sult as to old bonds, V. 82, p. 1440.

The Louisiana Branch Lines mortgage will cover all branches constructed or acquired in Louisiana at \$12,500 per mille, but not to exceed in the aggregate \$7,000,000. V. 72, p. 577, 1189.

Interest scrip, income and land grant bonds (a stock liability), retrievable under reorganization agreement, \$113,917; other scrip, \$7,775.

FINANCES.—On second 5s there is no right to foreclose unless default is made on 1st mtge. The co. has been spending its earnings freely in needed improvements; in 1900 made 1st payment on incomes, viz.: 1 1/2%; in 1901, 4%; since to Mch. 1 '06, 5% yearly. In Feb. '04 all except \$980,000 of the Texas & Pac. seconds had been exchanged for 65% in new St. Louis Iron Mountain & Southern gold 4s. V. 68, p. 525, 619, 725, 774; V. 70, p. 533.

EARNINGS.—Jan. 1 to Sept. 30 '06, gross, \$9,876,993; '05, \$8,172,486.

ANNUAL REPORT.—Report for 1905 was in V. 82, p. 688.

Year ending Dec. 31—

	1905.	1904.	1903.
Miles operated.....	1,826	1,826	1,827
Gross earnings.....	\$12,130,391	\$12,433,147	\$12,094,744
Net earnings.....	\$3,920,225	\$4,321,455	\$3,808,638
Other income.....	584,162	61,744	171,485

Total net income..... \$4,504,387 \$4,383,199 \$3,980,123

Interest on first mortgage..... \$1,507,783 \$1,490,015 \$1,473,354

Interest on 2d incomes..... (5) 1,233,806 (5) 1,233,806 (5) 1,161,900

Fire claims (year 1894)..... 164,140

Taxes..... 345,438 312,297 296,053

Improvements, equipment, disc., &c..... 1,283,981 1,422,147 1,271,994

Balance, surplus..... def. \$30,763 def. \$75,067 def. \$223,178

(V. 81, p. 842, 1703; V. 82, p. 688, 1440; V. 83, p. 689.)

TEXAS SHORT LINE RR.—See issue of Jan. 1906.

TEXAS SOUTHERN RR.—See page 179.

TIDEWATER RR.—To extend from West Va. State line at a connection with the Deepwater Ry., building by the same interests, to Tidewater at Sewell's Point, 8 miles from Norfolk, a total of 332 miles. Of this, 100 miles from Sewell's Point towards the West Va. line is under construction.

The two roads together will form a coal line from Deepwater on the Kanawha River, W. Va., to Sewell's Point 446 miles, to be completed by Jan. 1908. See V. 78, p. 1962; V. 81, p. 1551; V. 83, p. 436. Stock authorized, \$100,000. No bonds have been issued on either road. Henry H. Rogers, of the Standard Oil Co., and associates were reported to be financing the enterprise. Pres. W. N. Page, Ansted, W. Va.; Sec., H. J. Taylor; Treas., Geo. H. Church, New York.—(V. 81, p. 1551; V. 83, p. 436.)

TIDEWATER & WESTERN RR.—V. 81, p. 212.

TIOGA RR.—See "Supplement" of July 1894. Stock, common, \$390,000, and \$189,700 preferred; par, \$50.

TOLEDO & OHIO CENTRAL RR.—(See Map.)—This road includes:

Lines owned—

Miles.	Trackage (37 miles)—	Miles.
Toledo to Bremen..... 173	Walbridge to Toledo..... 5	
Alum Creek to Truro Junction..... 4	Bremen to New Lexington..... 11	
New Lexington to Corning..... 13	To Chauncey, Carrington, &c..... 30	
Whitmore to Thurston..... 145		
Peo. to St. Mary's, V. 73, p. 660..... 60		
	Total operated..... 441	
	Kanawha & Mich. (which see)..... 177	

Total owned..... 395

Owns all the securities of Zanesville & Western Ry., Columbus to Shawnee and Zanesville, O., with branches 126 miles (of which 40 miles not owned) operated separately. V. 75, p. 906.

In June 1901 the Hocking Valley Ry. had acquired all except \$54,100 of the \$6,500,000 com. and \$11,600 pref. stock of the \$3,708,000 in exchange for 70% of Hocking Val. stock of the same class. V. 69, p. 1347; V. 71, p. 810. See also Hock. Val. Item, V. 69, p. 1345; V. 71, p. 865. Oper. separtly.

DIVIDENDS.—On common: In 1891, 2%; in 1892, 4%; 1893, 2%. On pref., April 1890 to July 1896, inclusive, 5% yearly. None since.

GUARANTIES.—The company guarantees the principal and int. of the Kanawha & Michigan first mortgage bonds (see that company) and, jointly with Hocking Valley Ry., the K. & Hock. Coal & Coke bonds (see V. 74 p. 271; V. 77, p. 2393) and Continental Coal Co. bonds (V. 75, p. 490); also guarantees interest only on \$300,000 T. & O. Cent. Ext. 5s (foreclosed). Special equipment, &c., loan June 30 1906, \$350,000.

EARNINGS.—2 mos.

	Gross.	Net.	Oth. inc.	Charges.	Bal., sur.
July 1 to 1906.....	\$875,887	\$356,548	\$1,729	\$72,003	\$286,274
Aug. 31, 1905.....	738,091	237,670	1,217	75,664	163,223

ANNUAL REPORT.—Report for 1905-06 was in V. 83, p. 749. Of total tonnage in 1906, 71% was bituminous coal.

Years end. June 30 —

	1906.	1905.	1904.	1903.
Gross earnings.....	\$1,072,163	\$3,766,651	\$3,598,684	\$3,446,747
Net earnings.....	1,148,895	\$973,060	\$927,331	\$907,063
Other income.....	17,246	14,909	109,403	31,937

Total net income..... \$1,166,141 \$987,969 \$1,036,734 \$939,000

Interest, taxes, &c..... 612,214 619,567 605,434 613,575

Additions and improv'ts..... 312,819

Bal. for year..... sr. \$241,117 sr. \$368,402 sr. \$431,300 sr. \$325,425

Pres., N. Monsarrat.—(V. 82, p. 162; V. 83, p. 689, 749.)

TOLEDO PEORIA & WESTERN RR.—(See Map of Pennsylvania RR.)

—Owns from Elmer, Indiana [State line, to Warsaw, Ill., 220 miles; La Harpe to Iowa, Ill., 10 miles; jointly with Wabash, 1 mile; trackage to Peoria and Burlington, Ia., 7 miles; total, \$248 miles.

ORGANIZATION.—In 1894 joint ownership and management by Pa. RR. and C. B. & Q. was arranged. Stock, \$4,500,000 (par \$100), of which \$423,100 in treasury in 1906. Mtge. abstract, V. 45, p. 242.

Equipment trusts and notes July 1906, \$287,771; bills payable, \$572,500, including \$220,000 issued Jan. 1905, to pay off the debenture scrip.

EARNINGS.—3 mos. } 1906..... Gross \$312,796; net \$73,947

July 1 to Sept. 30. } 1905..... Gross, 336,355; net, 90,573

Surplus over 3 months' charges, \$1,235 in 1906, against \$22,198.

ANNUAL REPORT.—Report for 1904-05 in V. 81, p. 1433.

Year—

	Gross Earnings.	Net Revenue.	Int. & Taxes	Balance.
1905-06.....	\$1,293,394	\$253,960	\$275,602	sur. \$21,642
1904-05.....	1,281,443	253,328	286,160	def. \$32,872

(V. 79, p. 2458; V. 80, p. 707; V. 81, p. 669, 1433; V. 83, p. 689, 819.)

TOLEDO RY. & TERMINAL CO.—Owns a single-track belt road, 28.77 miles in length, opened Oct. 1 1903, around the city and suburbs (including two bridges), with 2 1/2-m branch to terminal station; total 31.27 miles. Used by the Cin. Ham. & Dayton, Toledo & O. Central, Tol. Angola & Western, Pere Marquette, Detroit & Toledo Shore Line, Pennsylvania, Wheeling & Lake Erie and Ann Arbor. V. 73, p. 617; V. 77, p. 770; V. 78, p. 2443, 2600; V. 81, p. 899. In Jan. 1906, Judson Harmon of Cincinnati was appointed receiver, coupons being in default. V. 82, p. 49. In April 1906 a committee, Andrew T. Sullivan, Chairman (Columbia Trust Co., N. Y., and Portland (Me.) Trust Co., depositaries), requested deposits of first mortgage bonds. V. 82, p. 930, 1103, 1269.

Stock author., \$3,500,000; outstanding, \$3,500,000. Pere Marquette and Cin. Ham. & Dayton guaranteed the bonds jointly and severally, principal and interest, by endorsement. V. 78, p. 2443, 2600; V. 79, p. 153, 628; V. 81, p. 899; V. 83, p. 97. Commonwealth Trust Co. of St. Louis is mortgage trustee; V. 74, p. 1140. Toledo Riverside Ry. bonds are guaranteed by endorsement as to principal and interest by Toledo Ry. & Terminal Co., Cincinnati Hamilton & Dayton and Pere Marquette.

V. 79, p. 968. Toledo Angola & Western bonds are limited to \$300,000. V. 80, p. 164. Loans and bills payable June 30 1906, \$264,485; def. under oper. expenses, \$16,006; other income, \$90,324; int., taxes and rentals, \$181,175; bal., def., \$106,857. Pres., Geo. W. Perkins; Sec., Thomas J. Walsh.—(V. 83, p. 97.)

TOLEDO SAGINAW & MUSKEGON RR.—From Muskegon, Mich., to Ashley, Mich., 96 miles. The Grand Trunk of Canada owns the \$1,600,000 stock; bonds have a traffic guaranty. V. 71, p. 85; V. 72, p. 338.

Year ending June 30 1906.....

Gross.	Net.	Interest.	Deficit	Traf guar.
\$136,682	op. def. \$6,573	\$83,100	\$89,573	\$13,342

(V. 71, p. 31, 85.)

TOLEDO ST. LOUIS & WESTERN RR.—Owns from Toledo to East St. Louis, 451 miles (61 1/2 and 70-lhs. steel); sidings, etc., 107 miles; also has trackage to St. Louis and Toledo Union depots. Owns jointly with the Grand Trunk Western Ry. all the stock of the Detroit & Toledo Shore Line Ry., Detroit to Toledo, 48 miles, jointly guaranteeing its 4% bonds; present issue \$2,000,000. V. 76 p. 655.

ORGAN'N.—Successor of Tol. St. L. & K. City foreclosed. V. 70, p. 1196.

BONDS.—Of the prior lien 3 1/2% \$1,000,000 was reserved to be issued after January 1 1902 at not over \$250,000 per annum. Additional first mortgage bonds, not to exceed \$10,000,000, may be issued at any time to retire the prior lien bonds. The equipment trusts dated Sept. 1 1906 cover 750 box cars and 500 coal cars. V. 83, p. 39.

EARNINGS.—12 mos. } 1905-06..... Gross, \$4,205,051; net, \$1,063,433

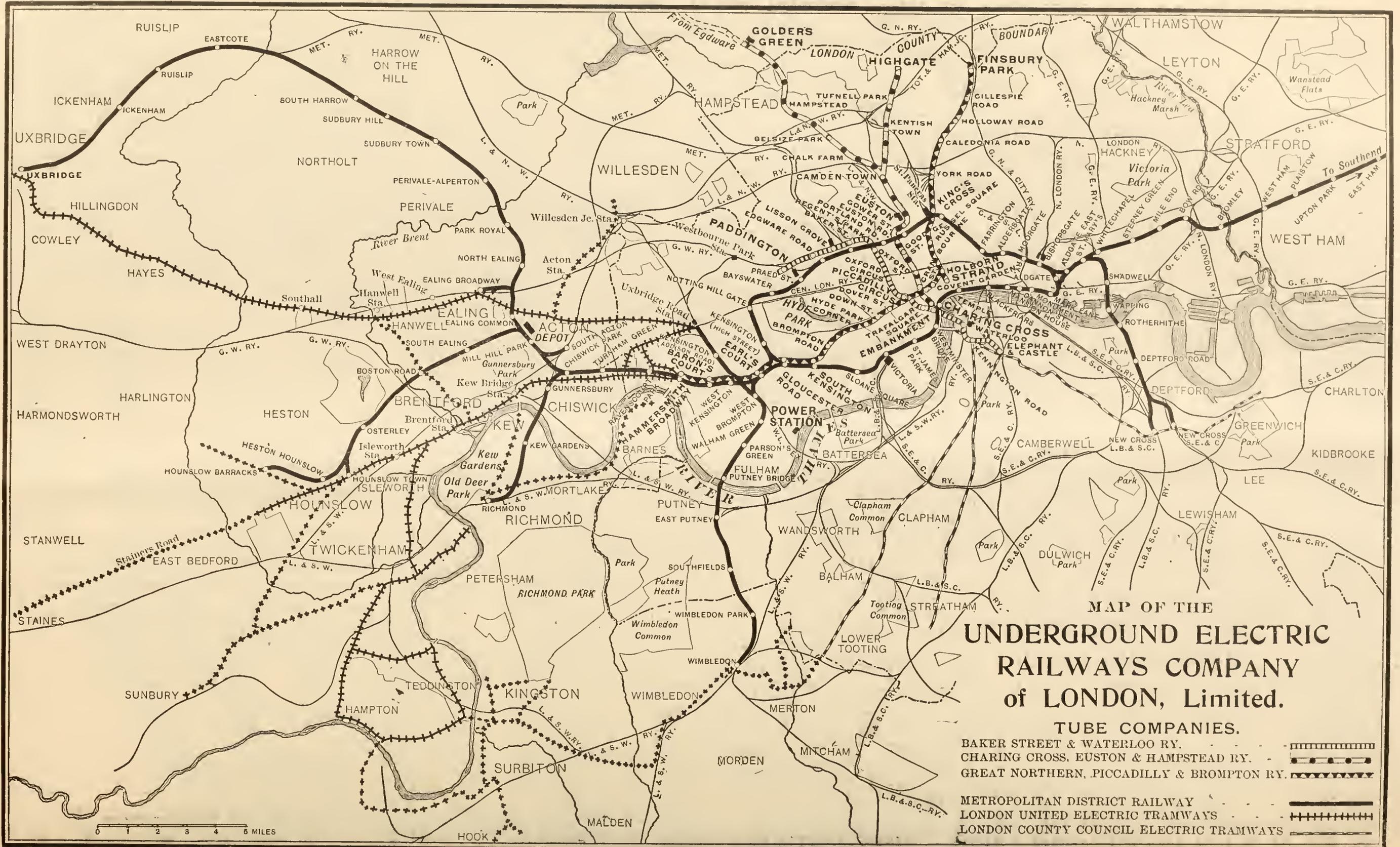
July 1 to June 30. } 1904-05..... Gross, 3,785,165; net, 805,457

REPORT.—For year ended June 30 1905 was in V. 81, p. 1431.

Year—

	Gross.	Net.	Oth. inc.	Charges.	Taxes.	Bal., sur.
1904-05.....	\$3,785,164	\$934,064	\$23,646	\$656,490	\$128,609	\$172,611
1903-04.....	3,341,648	915,474	4,968	578,149	118,350	223,943

OFFICERS.—Chairman of the Board, Wm. A. Read; President, T. P. Shonts; Sec. and Treas., James Stewart MacKie.



MAP OF THE  
**UNDERGROUND ELECTRIC  
 RAILWAYS COMPANY  
 of LONDON, Limited.**

- TUBE COMPANIES.**
- BAKER STREET & WATERLOO RY. - [Symbol: Dashed line with vertical bars]
  - CHARING CROSS, EUSTON & HAMPSTEAD RY. - [Symbol: Dashed line with horizontal bars]
  - GREAT NORTHERN, PICCADILLY & BROMPTON RY. - [Symbol: Dashed line with diagonal bars]
  - METROPOLITAN DISTRICT RAILWAY - [Symbol: Solid line]
  - LONDON UNITED ELECTRIC TRAMWAYS - [Symbol: Dashed line with vertical bars]
  - LONDON COUNTY COUNCIL ELECTRIC TRAMWAYS - [Symbol: Dashed line with horizontal bars]

RAILROADS. For explanation of column headings, &c., see notes on first page of tables.	Miles of Road.	Date of Bonds.	Size, or Par Value.	Amount Outstanding	INTEREST OR DIVIDENDS.			Bonds—Prntcpal, When Due. Stocks—Last Dividend.
					Rate %	When Payable.	Where Payable, and by Whom.	
Toledo Waihonding Valley & Ohio—Stock \$4,000,000	236	1891	\$100	\$3,235,000	3 in 1905	Yearly	All owned by Penn Co	Dec 30 '05 3%
First mortgage (\$2,000,000) A guar p & l (end) F c*	236	1891	1,000	1,500,000	4 1/2 g J	J & J	Farmers' L & Tr Co, N Y	July 1 1931
per mlie \$4,000,000 B do	236	1893	1,000	978,000	4 1/2 g J	J & J	do do	July 1 1933
gold C do	236	1902	1,000	1,453,000	4 g M	M & S	do do	Sept 1 1942
Tombigbee Val—1st M \$1,200,000 gold (see text) K	53	1906	-----	251,000	5 g A	A & O	New York	April 1 1956
Tonopah & Goldfield—1st M \$1,500,000 g red c	91	1906	1,000	1,150,000	6 g J	J & J	Land Title & Tr Co, Phil	Jan 1 1907-1921
Ton & Tidew—1st M deb stock crts £500,000 g gu p & l	---	1905	-----	£500,000	4 1/2 g	---	---	1960
Toronto Ham & Buff—1st M gold \$40,000 p m AB c*	88	1896	1,000	3,280,000	4 g J	J & D	N Y Boston and London	June 1 1946
Second mortgage \$1,000,000 gold	88	1904	-----	1,000,000	4 g J	J & D	New York	June 1 1946
Transylvania—First mort gold \$500,000 Sc & r	42	1906	1,000 & c	434,000	5 g J	J & J	Standard Trust Co, N Y	Jan 1 1956
Traverse City Leel & Man—First M \$300,000 gold c & r	30	1902	1,000	300,000	5 g A	A & O	In default	April 1 1952
Traverse City RR—First mortgage gold	26	1883	1,000	250,000	3 g J	J & J	Winslow, Lanler & Co, N Y	Jan 1 1933
Trenton Delaware Bridge—First mortgage	---	1877	1,000	350,000	7 J	J & J	Treasurer's Office, Phila	July 1 1917
Troy & Greenbush—Stock 7% rental New York Cent	6	---	50	275,000	7 J	J & D	15 Troy, N Y	June 15 '06 3 1/2%
Tuscaloosa Belt—First mortgage \$100,000 gold K c	9	1893	1,000	100,000	5 g J	J & D	Knickerbocker Trust, N Y	June 1 1918
Tuscarora Valley—First mortgage \$150,000 gold	27	1897	-----	150,000	5 g J	J & J	Metropolitan Tr Co, N Y	July 1 1917
Ulster & Delaware—Cons M for \$2,000,000 gold Ce c*	101	1888	1,000	2,000,000	5 g J	J & D	Central Trust Co N Y	June 1 1928
Refunding mortgage \$3,200,000 Sc & r	---	1902	1,000	900,000	4 g A	A & O	New York	Oct 1 1952
Unadilla Valley—First M \$200,000 gold redeem at 110	10	1904	250 & c	200,000	4 g J	J & J	Office, 135 B'way, N Y	Jan 1 1934
Underground Elec Rys of London—Ord shares 75% pd	---	---	£10	£5,000,000	---	---	---	---
5% profit-sharing notes \$7,000,000 redeemable at	---	1903	£100 & c	£3,599,268	5 J	J & D	London & West Bk, Lon	June 1 1908
do do do par	---	1903	1,000 & c	16,550,000	5 g J	J & D	Speyer & Co, New York	June 1 1908
4 1/2% power-house debentures £850,000	---	1905	£1,000	£770,000	4 1/2 M	M & N	Registration Off, London	---
Union Pacific RR—Common stock \$196,178,700	---	---	100	195,479,100	See text.	A & O	Office, 120 B'way, N Y	Oct 1 1906 5%
Preferred stock limited to 4% non-cum \$200,000,000	---	---	100	99,569,300	4 in 1906	A & O	do do	Oct 1 1906 2%
First M Ry and land grand \$100,000,000 gold Me	1,835	1897	500 & c	100,000,000	4 g J	J & J	do do	July 1 1947
First lien conv M gold (to be pd Nov. 1)	1,300	1901	1,000 & c	569,000	4 g M	M & N	do do	Nov 1 1906
Union Springs & Nor—1st M \$1,000,000 gold red 105	7 1/2	1901	1,000	75,000	5 g M	M & N	International Tr Co, Balt	May 1 1931
United N J RR & Canal Co—Stock 10% guaranteed	---	---	100	21,240,400	10 Q—J	Q—J	Offices, Phila and N Y	July 10 '06 2 1/2%
General mortgage of Loan of 1908 gold r	238	1878	1,000	841,000	6 g M	M & S	Office, Philadelphia	Sept 1 1908
1871 for \$20,000. Loan of 1923 gold r	---	---	1,000	1,824,000	4 g F	F & A	do do	Feb 1 1923
000 (now first mort) Loan of 1929 gold c & r	road	1889	1,000	6,020,000	4 g M	M & S	do do	Sept 1 1929
gage) FP secures Loan of 1944 gold c & r	and	1894	1,000	5,646,000	4 g M	M & S	Nat Bk Com, N Y & Phil	Mar 1 1944
all equally. Loan of 1951 gold p & l guar canal	canal	1901	1,000	5,669,000	3 1/2 g M	M & S	do do	Mar 1 1951
United Verde & Pacific—First M \$300,000 Mo c	26	1895	1,000	300,000	6 J	J & J	Morton Trust Co, N Y	Jan 1 1920
Utica & Black River—See Rome Watertown & Ogdens burg.	---	---	---	---	---	---	---	---
Utica Chen & Susq Val—Stock 6% guar by D L & W	97	---	100	4,000,000	6 M	M & N	D L & W RR, New York	Nov 1906 3%
Utica Clinton & Binghamton—Stock	---	---	100	849,285	See text.	F & A10	On Nat Bk, Utica, N Y	Aug 9 1906 2%
First mortgage guar p & l by Del & Hud (end) N c	31	1889	1,000	800,000	5 J	J & J	New York Trust Co, N Y	July 1 1939

\$844,738; net, \$465,833. Report of Tonopah RR, (66 miles) for year ending June 30 1905 in V. 81, p. 1846. showed, gross, \$836,976; net \$446,161; other income, \$280; interest and taxes, \$35,363; bal., sur. \$411,078. Pres., John W. Brock; Sec. and Treas., Clyde A. Heller. Office, Bullitt Building, Philadelphia. (V. 83, p. 753, 891.)

TONOPAH & TIDEWATER RR.—Under construction from Ludlow, Cal., on the Atch. Top. & Santa Fe, to Bullfrog, Nev., 110 miles, to be completed in 1906; extension proposed to Tonopah, Nev., 40 miles, making a total of 150 miles. Stock authorized, \$1,500,000. The debenture stock certs. are guaranteed by the Borax Consolidated, Lim., and are secured by deposit of mortgage and bonds issued thereunder with the Indian & General Trust Co., Ltd., of London. V. 81, p. 1793; V. 82, p. 753 871 1440. Pres., Frank M. Smith, 100 William St., N. Y.; Sec. and Treas., C. B. Zabriskie.—(V. 82, p. 871, 1440.)

TORONTO HAMILTON & BUFFALO RR.—Hamilton to Waterford Ont., 43 miles; Hamilton to Welland, 38 miles.; branches, 7 miles. (See V. 62, p. 319.) Under traffic agreement with N. Y. Central, Michigan Central, Canada Southern and Canadian Pacific. Interest is practically guaranteed. See V. 68, p. 475, and advertisement in "Chronicle" of March 11 1899. Of the stock, \$2,500,000, 19% is held by Canadian Pacific and 51% by N. Y. Central. V. 61, p. 753; V. 63, p. 359; V. 68, p. 475, 1134; V. 69, p. 29. For 11 months ending May 31 1906, gross, \$683,006, against \$605,977 in 1904-05. For year ending Dec. 31 1905, gross, \$691,835; net, \$218,219; int. on bonds, \$171,200; bal., sur., \$47,019.—(V. 79, p. 1705.)

TORONTO UNION STATION CO.—V. 82, p. 453.

TRANSYLVANIA RR.—Hendersonville to Lake Toxaway N. C., 42 miles. Leased to Southern Ry. for 50 years from Jan. 1 1906 at a rental of \$25,000 yearly for 10 years and \$30,000 thereafter. V. 83, p. 97. Stock authorized, \$420,000; par \$100; outstanding, \$355,000. V. 68, p. 926. Of the bonds \$66,000 is reserved for improvements and additions. V. 83, p. 97. Year ending June 30 1905, gross, \$64,173; net, \$20,601. Pres., E. B. Alsop, 1502 20th St. N. W. Washington; V.-P. and Gen. Mgr., J. F. Hays, Brevard, N. C.; Treas., A. K. Orr.—(V. 81, p. 1793.)

TRAVERSE CITY LEELANAU & MANISTIQUE RR.—Operates Traverse City, Mich., to Northport, 30 miles, of which Hatch's Crossing to Traverse City, is trackage. The Grand Rapids & Indiana Railway owns one-fourth of bonds and was to operate the road, the rental being the net earnings. V. 76, p. 812; V. 78, p. 1448; V. 82, p. 1098. Stock authorized, \$500,000; par of shares, \$100. The Union Trust Co. of Detroit is receiver. In April 1906 foreclosure suit was begun. V. 82, p. 988. In Sept. 1906 no plan of reorganization had been arranged or date of sale fixed. Year ending Dec. 31 '05, gross, \$22,122; deficit under oper. exp., \$4,263. Pres., R. R. Methcany; Treas., D. W. Kaufman.—(V. 83, p. 97.)

TRAVERSE CITY RR.—Owns road from Walton to Traverse City, Mich., 26 miles; opened in 1872. Leased in 1883 to Grand Rapids & Indiana RR., but not included in the reorganization of that company in 1896. The Grand Rapids & Indiana has acquired nearly all the \$205,000 stock and all the \$190,000 of 5% income bonds; V. 78, p. 1448. For year ending Dec. 31 1905, gross, \$69,471; net, \$10,750; interest, \$7,500; bal., sur., \$3,250.—(V. 78, p. 1448.)

TRENTON (DELAWARE) BRIDGE CO.—Owns bridge 0.19 miles in length. Leased in 1877 to Nov. 1 2870, lease being assigned to Penn. RR., rental, \$32,000 yearly and two-thirds of taxes paid by the Bridge Company. Stock, \$298,900. Bonds are guaranteed, prin. and int.

TRINITY & BRAZOS VALLEY RY.—Owns Cleburne to Houston, Tex., 236 miles, of which Cleburne to Mexia, 70 miles operated, and Mexia to Houston, 157 to be by Nov. 1906; also under construction from Teague, Tex., 14 miles southeast of Mexia northerly to Waxahachie, 67 miles, to be completed by Jan. 1907. Has trackage rights from Cleburne to Fort Worth, Tex., 28 miles; Houston to Galveston, 53 miles, and from Waxahachie to Dallas, 31 miles. Total operated to be 415 miles. V. 83, p. 695. Stock, \$300,000; par, \$100. The Colorado Southern and Rock Island interests each own a half interest. V. 80, p. 1423, 2622; V. 82, p. 930, 986. In Aug. 1905 made a new first mortgage to secure bonds at \$30,000 per mlie, all to be deposited as issued under Colorado & Southern refunding mortgage.—(V. 83, p. 493.)

TROY & GREENBUSH RR.—Owns from Troy to Rensselaer 6 m. double track; leased to N. Y. Central in 1851 at 7% on \$275,000 stock.

TUSCALOOSA BELT RY.—Owns about 9 miles of Belt road at Tuscaloosa, Ala. Stk. author., \$100,000 issued, \$26,000 (\$100 shares.) F. W. Monish, Supt. and Treas., Tuscaloosa, Ala.

TUSCARORA VALLEY RR.—Narrow-gauge road (3 ft.) Port Royal to Blair's Mills, Pa., 27 m. Stock, \$300,000; par, \$50; issued, \$150,000. Year 1904-05, gross, \$27,509; net, \$9,848; charges, \$8,926 bal, surplus, \$922. Pres., T. S. Moorhead.—(V. 67, p. 1162.)

(THE) ULSTER & DELAWARE RR.—Owns from Kingston Point (Hudson River), N. Y., to Oncontia, 109 miles, with branches, a total of 129 miles. V. 74, p. 42. Stock, \$3,000,000; outstanding, \$1,900,000; par \$100. As to refunding 4s of 1902, see V. 75, p. 667; V. 79, p. 153.

Yrs. end. June 30.	Gross.	Net.	Oth. Inc.	Int. Taxes, &c.	Bal., sur.
1905-06	\$913,837	\$261,500	\$2,867	\$165,119	\$99,248
1904-05	822,835	238,701	2,698	160,864	80,535

Entire surplus in 1905-06, and in 1904-05 \$50,000, was appropriated for repairs and renewals.—(V. 75, p. 78, 667, 1110; V. 79, p. 153.)

UNADILLA VALLEY RY.—Owns road from Bridgewater to New Berlin, N. Y., 19 miles. Stock, \$200,000; par, \$100. V. 78, p. 104. Bonds, see table above; V. 78, p. 1499. Lewis R. Morris is trustee. Year ending June 30 1905, gross, \$42,262; net, \$18,186; int., taxes, etc., \$9,000; bal., sur., \$9,186. President, Lewis R. Morris. Office, 135 Broadway, N. Y.—(V. 78, p. 1168.)

UNDERGROUND ELECTRIC RAILWAYS CO. OF LONDON, LIM.—(See Map.)—Has in operation or under construction system of underground and surface electric passenger railways in London and suburbs aggregating about 99 miles double track. (V. 79, p. 929, 1551, 2153; V. 83, p. 629) viz:

Tube Cos.—Stk. mostly owned. Miles.	Surface—Maj. Stk. owned. Miles.
Baker St. & Waterloo Ry. 1st sec. opened Meh. 10 1906	London United Tramways (in operation) 48 1/2
Char. Cross Eus. & Hamp. Ry. To be opened June 1907	Tunnel—Leased—Maj. stk. owned
Great Northern Piccadilly & Brompton Ry. To be opened Jan. 1907	Metropolitan District Ry. (including 3 1/4 miles jointly owned with others) 28
	Total 99

ORGANIZATION.—Incorporated on April 9 1902. Speyer & Co. of N. Y., the Old Colony Trust Co. of Boston and Speyer Brothers of London have the right until 1912 to nominate a majority of the board.

SECURITIES.—The 5% profit-sharing notes of 1903 are a direct obligation and are secured by a 1st lien on certain stocks and shares of properties controlled, deposited under terms of trust deed, dated May 29 1903, with the London & Westminster Bank, Ltd., trustee. The whole or any part (to be drawn by lot) may be called at any time at par. For profit-sharing provisions, &c., see listing application to the N. Y. Stock Exchange at length, V. 79, p. 2153; V. 76, p. 1031. In April 1906 increase of \$25,000,000 borrowing power was authorized, but no issue of securities is contemplated in near future. V. 82, p. 753, 806.

Names of Controlled Cos.	Total Issued £	Held by Parent Co. £	Names of Controlled Cos.	Total Issued £	Held by Parent Co. £
Bak. St. & Wat-erloo ord. stk.	2,224,960 x1	1,818,890	a Metrop. Dis. Ry.	3,235,000	1,781,500
4% pref. stk.	---	---	Ordin'y stock	1,500,000	y96,000
Perp. stk. 4%	656,600	cNil	2d do	1,470,000	1,470,000
Ch. C. E. & H. 3,230,970 x3	3,230,970	---	4% guar. stk.	z1,250,000	6,500
4% perp. deb. stock	396,200	dNil	3% cons. per rent charge	z2,116,666	-----
Gt. Nor. Plc. & Brompton	4,225,000 x3	3,861,240	Deb. stk. and loans	z2,835,825	-----
4% perp. deb. stk.	513,000	fNil	b London United Tramways.	---	---
			Ordinary stk.	*1,000,000	*878,700
			5% pref. stk.	1,250,000	153,770
			1st M. 4% deb.	1,331,000	-----

x About 80% of total issued share capital deposited for profit-sharing notes. y Has a vote on £537,351, on which holders have ceded their vote in consideration of scaled dividend guaranty (includes £96,000 held by Underground Co.). z No voting power. \* £600,070 full paid in (of which £500,000 owned) and £399,930, £6 per share paid in (of which £378,700 owned). ab Underground Co. has vote on £3,788,851 out of £6,205,000. and b£1,032,470 out of £2,250,000 voting shares. cd Issuable to Underground Co. or nominees on demand; e£4,400; d £633,800; f £620,000.

REPORT.—Report for year ending June 30 1905 was in V. 81, p. 1372. Directors.—Edgar Speyer, Chairman; Walter Abbott, James A. Blair, T. Jefferson Coolidge Jr., Frank Dawes, The Right Hon. Lord Farrer, The Hon. Sydney George Holland, L. F. Loree, Charles James Cater-Scott, Sir George S. Gibb, James Speyer, Charles Ainsworth Spofford, Jonkheer Henry Teixeira de Mattos, Lord George Hamilton, Sir James Clifton Robinson and R. B. Philipotts; Sec., W. E. Mandelk.—(V. 83, p. 214.)

Lines owned directly—Miles.	Controlled—Practically Owned—Miles.
Council Bluffs to Ogden	1,012
Kansas City to Denver	640
Denver to Cheyenne	106
Lasalle, Col., to Julesburg	149
Other branches, &c.	1,221
	Total all lines July 1 1905 5,588

Tot. main line and branches 3,128

a See these companies. \* Also owns one-half interest in the San Pedro Los Angeles & Salt Lake Ry., which see.

In Nov. 1905 320 miles of extension had been authorized and others were under consideration. V. 81, p. 1675. Contracts were let from Hersey to Northport, Neb., 115 m; also for branch from O'Fallon's, Neb., along north bank of North Platte River to Northport, about 200 m. Extension to Seattle. V. 82, p. 220, 871.

HISTORY.—Incorporated in Utah July 1 1897, to succeed per plan of Oct. 15 1895 (V. 61, p. 704, 705, and V. 64, p. 424) the Union Pacific Ry., as stated to N. Y. Stock Exchange in V. 66, p. 618; see also V. 67, p. 790. In 1901-02 purchased \$90,000,000 stock of the So. Pac. Co., a strong working control, and in 1904 \$18,000,000 of its pref. stock. V. 72, p. 243, 284; V. 73, p. 446; V. 75, p. 136; V. 80, p. 1914. The U. P. jointly with the C. R. I. & P. controls Chic. & Alt. Ry., the U. P. owning \$10,340,100 pref. stock. V. 81, p. 1664; V. 83, p. 689. On June 30 1905 \$18,665,259 Gt. Nor. and \$24,295,100 Nor Pac. stock was held, part pledged under Or. Sh. Line ref. mtge. V. 81, p. 1671. In Sept. 1906 the U. P. interests, it was understood, were negotiating for the sale of about \$10,000,000 Balt. & Ohio stock recently held by the Penn. RR. V. 83, p. 689.

STOCK.—In 1899 stockholders authorized increase of com. stock from \$61,000,000 to \$66,178,700 and of pref. stock from \$75,000,000 to \$100,000,000 to complete control of Oregon RR. & Nav. and Ore. Short Line.

On March 24 1901 common stock was authorized to be increased by \$100,000,000, to provide for conversion of first lien 4s. V. 82, p. 1271. The stockholders voted on May 5 1905 to increase the preferred stock from \$100,000,000 to \$200,000,000 to "finance coming requirements," to be issued as required. V. 80, p. 1364.

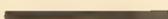
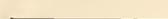
DIVS. %	1898	1899	1900	1901	1902	1903	1904	1905	1906
On com.	---	---	3 1/2	4	4	4	4	5 1/2	Below
On pref.	1 1/2	3 1/2	4	4	4	4	4	4	4

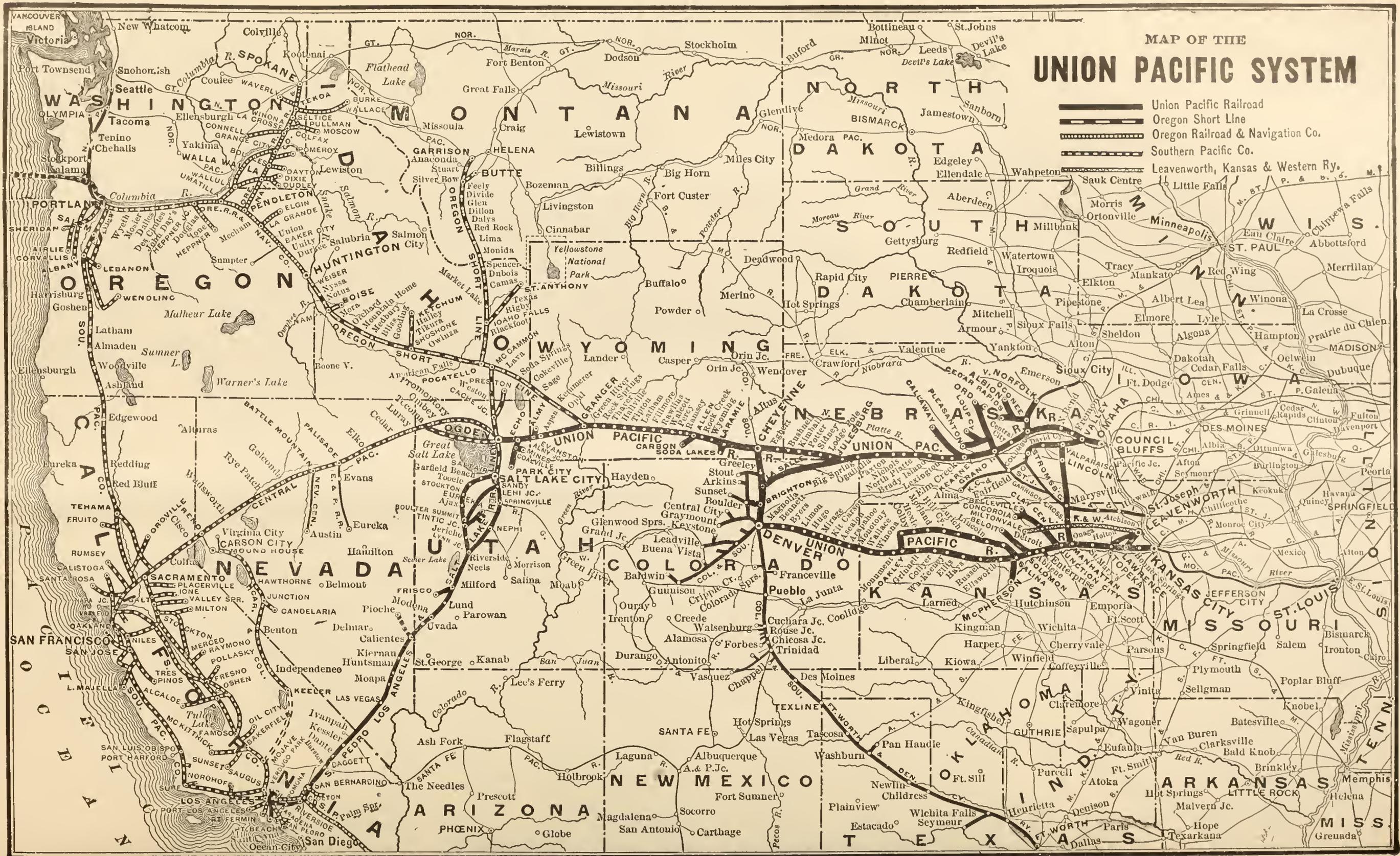
In 1906, Apr., 3%; Oct., 5%. See below and V. 83, p. 380, 437.

BONDS.—The 1st mtge. (Mercantile Trust Co., trustee) covers the 1,854 miles composing the former Union Pacific and Kansas Pacific lines, including the telegraph, terminals, equipment, and, directly or indirectly, land grants. Statement to N. Y. Stock Exch., V. 66, p. 618.

The first lien convertible 4% gold bonds were convertible up to July 1 1906 into common stock at par. The bonds not converted (\$569,000) were called for payment at 102 1/2 on Nov. 1 1906. V. 82, p. 1270; V. 83, p. 97. See mortgage abstract, V. 72, p. 1084; V. 72, p. 392, 776.

# MAP OF THE UNION PACIFIC SYSTEM

-  Union Pacific Railroad
-  Oregon Short Line
-  Oregon Railroad & Navigation Co.
-  Southern Pacific Co.
-  Leavenworth, Kansas & Western Ry.



RAILROADS. For explanation of column headings, &c., see notes on first page of tables.	Miles of Road.	Date of Bonds.	Size, or Par Value.	Amount Outstanding	INTEREST OR DIVIDENDS.			Bonds—Principal, When Due. Stocks—Last Dividend.
					Rate %	When Payable.	Where Payable, and by Whom.	
Valley (N Y)—Stock 5% guaranteed by D L & W...	11	---	\$100	\$750,000	5	J & J	Del Lack & West, N Y	July 1906 2 1/2 %
First mortgage (for \$500,000).....F	11	1881	1,000	400,000	5	F & A	do do	Aug 1 1911
Valley (Virginia)—First mortgage \$1,000,000.....c	62	1881	1,000	750,000	6	A & O	All owned by B & O.	Oct 1 1921
Vandalia RR—Stock \$25,000,000 authorized.....	---	---	---	14,649,546	4 in 1906	F & A	Checks mailed.	Aug 15 1906 2 %
Indianapolis & Vincennes 1st M guar p & l (end)....c	133	1867	1,000	1,700,000	7	F & A	Farmers' L & Tr Co, N Y	Feb 1 1908
Terre Haute & Logansport RR first mortgage.....	93	1879	1,000	500,000	6	J & J	do do	Jan 1 1910
Terre Haute & Indianapolis cons M (now first) gold....F	116	1885	1,000	1,900,000	5 g	J & J	do do	July 1 1925
Cons M \$25,000,000 gold Ser A \$10,000,000. F.c* & r	655	1905	1,000	10,000,000	4 g	F & A	do do	Feb 1 1955
Vanderbilt Tim Min & Southw—1st M g \$12,500 pm red	13	---	250 & c	162,500	6 g	---	---	30 years
Vera Cruz & Pacific—1st M \$7,000,000 g red (text)....c*	265	1904	1,000	7,000,000	4 1/2 g	J & J	Speyer & Co, New York	July 1 1934
Vermont & Mass—Stock 6% guar by Fitchburg RR....	59	---	100	3,193,000	6	A & O	53 Devonshire St, Boston	Oct 1906 3 %
Bonds currency guar p & l by Fitchburg RR.....	---	1903	1,000	772,000	3 1/2	M & N	do do	May 1 1923
Vermont Valley—See Connecticut River RR.	---	---	---	---	---	---	---	---
Vicksburg & Meridian—See Alabama & Vicksburg.	---	---	---	---	---	---	---	---
Vicksburg Sh & Pacific Ry—Common stock \$3,000,000	188	---	100	2,856,500	2 in 1905	Yearly.	Central Trust Co, N Y	Nov 30 1905 2 %
Preferred stock 5% non-cumulative \$2,200,000.....	---	---	100	2,142,800	5 in 1906	Yearly.	do do	Aug 30 1906 5 %
General mortgage \$3,500,000.....F xc*	188	1901	1,000	1,822,000	5	M & N	Farmers' L & Tr Co, N Y	May 1 1941
Vicks Sh & Pac RR prior lien mortgage gold....Ce.c*	188	1885	1,000	1,323,000	6 g	M & N	Central Trust Co, N Y	Nov 1 1915
Virginia Midland—See Southern Ry.	---	---	---	---	---	---	---	---
Virginia & Southw—See Southern Ry.	---	---	---	---	---	---	---	---
Wabash-Pittsburgh—1st M \$50,000,000 gold. Me.c* & r	---	1904	1,000 & c	29,000,000	4 g	J & D	Mercantile Trust Co, N Y	June 1 1954
Second mortgage gold incomes to June 1910 Eq.c* & r	---	1904	1,000 & c	20,000,000	4 g	---	---	June 1 1954
Wabash RR—Com stock—See text.....	---	---	100	38,000,000	---	---	---	---
Preferred stock 7% non-cum—See text.....	---	---	100	24,000,000	---	---	---	---
St L K & N on St Charles Br'g gold....Ce.c*	---	1878	1,000	468,000	6 g	A & O	Office, 195 B'way, N Y	Oct 1 1908
Wabash first mortgage gold (\$34,000,000)....Ce.c*	1,542	1889	1,000	33,011,000	5 g	M & N	Central Trust Co, N Y	May 1 1939
Second mortgage gold.....Mp.c	1,009	1889	1,000	14,000,000	5 g	F & A	do do	Feb 1 1939
Deb M income non-cum Ser A red par to 1909. Me	1,542	1889	1,000	3,500,000	6	J & J	In Jan 1904 paid 3 %	July 1 1939
do do income non-cum Series B not red. Me	1,542	1889	1,000	26,500,000	6	J & J	None ever paid.	See text.
Detroit & Chic Exten 1st M g s f red at 110. Ce.c*	150	1891	1,000	3,349,000	5 g	J & J	Central Trust Co N Y	July 1 1941
D Molnes Div 1st M g \$1,800,000 (V 68, p 574). N.c*	97	1899	1,000	1,600,000	4 g	J & J	New York Tr Co, N Y	Jan 1 1939
Toledo & Chic Div M gold \$3,000,000.....K.c*	226	1901	1,000	3,000,000	4 g	M & S	Knickerbocker Tr Co, NY	Mar 1 1941
Omaha Division \$3,500,000 gold.....B.c*	144	1901	500 & c	3,173,000	3 1/2 g	A & O	Bowling Green Tr Co, NY	Oct 1 1941
First lien terminal mtge \$10,000,000 g....B.c* & r	---	1904	1,000 & c	3,555,000	4 g	J & J	do do	Jan 1 1954
Refunding mortgage \$200,000,000, gold.....	---	1906	---	See text.	4 g	---	---	July 1 1956
Equipment bonds \$3,000,000 sinking fund. N.c & r	---	1901	1,000	2,500,000	5 g	M & S	New York Trust Co, N Y	Mar 1 1921
do do Series A due \$42,000 M & N.....	---	1904	1,000	630,000	5 g	M & N	Bankers' Trust Co, N Y	To Nov 1914
do do Series B \$43,500 due semi-ann. CPi	---	1904	1,000	739,000	4 1/2 g	J & D	Colonial Tr Co, Pittsb'gh	To Dec 1914
Equip trust bonds due \$309,000 semi-ann red 101	---	1906	1,000	6,180,000	4 1/2 g	J & J	Lee, Higginson & Co., Bost.	To July 1 1916
Three-year collateral notes red at 101 after 1 year	---	1904	1,000 & c	6,160,000	5 g	Semi-ann	Bowling Green Tr Co, NY	May 10 1907

LANDS.—The 1st 4s of 1897 covered June 30 1905, directly or through beneficial ownership, 3,962,413 acres of land, situated in Nebraska, Wyoming, Colorado, Utah and Kansas, the value of which was estimated June 30 1905 at \$2,666,701; also further notes or contracts for lands sold aggregating \$7,027,319, and the lands for which, if not paid for, revert to the company. See V. 67, p. 791. Total estimated value of lands and land assets June 30 1905, \$9,694,019. During 1904-05, 769,278 acres were sold for \$2,647,186. In Feb. 1906 acquired about 15,000 acres of coal lands near Durango, Col., for about \$1,000,000. V. 82, p. 335.

GENERAL FINANCES.—The Oregon Short Line RR. 4% and participating 25-year gold bonds, secured by a like amount of Northern Securities Co. stock, were called for payment on Feb. 1 1905, refunding 4s being issued in their place. See Oregon Short Line RR., V. 75, p. 136, 395; V. 76, p. 384; V. 80, p. 1914; V. 81, p. 1671.

In July 1903 512 miles of the Oregon Short Line south of Salt Lake City, including branches, was sold to the San Pedro Los Angeles & Salt Lake Ry., the Oregon Short Line acquiring a half interest in the San Pedro L. A. & S. L. (which see); total paid on account of investment to June 30 1905 was \$2,400,000. V. 76, p. 920; V. 77, p. 38; V. 79, p. 1707, 1709.

In Oct. 1905 the dividend rate was increased to 6% yearly, and in Oct. to 10%, of which 6% from the operations of the road and 4% from investments. In Oct. 1906 semi-annual dividends on So. Pac. common stock at the rate of 5% yearly were begun, yielding the U. P. on its holdings \$4,500,000 annually. V. 83, p. 380, 437.

EARNINGS.—Preliminary statement for year ending June 30 1906 was in V. 83, p. 376, showing:

Fiscal Year	Gross earnings	Net earnings	Oth. inc. (net)	Charges, incl. rentals	Bal. for pref. stock
1905-06	\$67,281,543	\$30,317,770	\$7,767,491	\$8,883,416	\$29,201,845
1904-05	59,324,948	27,462,234	6,426,892	11,103,619	22,785,507

Dividends on the pref. stock (4%) call for \$3,982,032 in 1905-06, against \$3,982,356 in 1904-05, leaving a balance of \$25,219,813 for the common stock, against \$18,803,151, equal to about 13% on the \$193,495,900 common stock outstanding Aug. 1906. Operating expenses include \$2,206,510 credited to the reserve fund for improvements, equipment, &c.

For 2 mos. ending Aug. 31 1906, gross, \$12,573,528, against \$11,214,449 in 1905; net, \$6,102,392, against \$5,351,081.

ANNUAL REPORT.—Report for 1904-05 in V. 81, p. 1662, 1669 (see also editorial, p. 1637). Average train-load of system, 506.8 tons in 1904-05. Preliminary statement for 1905-06 was in V. 83, p. 376, 437.

Years end. June 30—	1904-05.	1903-04.	1902-03.	1901-02.
Average miles	5,357	5,353	5,762	5,710
Gross earnings	\$59,324,947	\$55,279,231	\$51,075,189	\$47,500,279
Oper. exp. and taxes	31,862,714	30,497,443	28,747,216	25,559,226
Net receipts	\$27,462,233	\$24,781,788	\$22,327,973	\$21,941,053
Income from investm'ts	6,496,761	4,266,844	4,647,843	4,580,602
Total income	\$33,958,994	\$29,048,632	\$26,975,816	\$26,521,655
Fixed charges	\$11,152,342	\$12,429,595	\$11,675,703	\$11,989,480
Int. Ore. Short Line incomes and preferred	\$21,599	\$22,489	\$23,962	\$29,580
Divs. on U. P. pref.	(4)3,982,356	(4)3,982,256	(4)3,982,064	(4)3,981,552
do common	(4)1/27,104,250	(4)4,350,836	(4)4,350,612	(4)4,205,082
Balance, surplus	\$11,698,447	\$8,263,456	\$6,943,474	\$6,315,961

OFFICERS, &c.—(July 1906).—Pres., E. H. Harriman; V.-Pres., Wm. D. Cornish; Gen. Man., A. H. Mohler; Sec., Alexander Millar; Comp., Wm. Mahl; Treas., F. V. S. Crosby.

Directors.—James Stillman, Marvin Hughitt, E. H. Harriman, Henry C. Frick, A. J. Earling, P. A. Valentin, Joseph F. Smith, Oliver Ames, Wm. G. Rockefeller, Wm. D. Cornish, Robert S. Lovett, Chas. A. Peabody, H. H. Rogers, David Willcox and Robert W. Golett.

Office, 120 Broadway, N. Y.—(V. 83, p. 493, 626, 689.)

UNION SPRINGS & NORTHERN RY.—Owns Union Springs to Fort Davis, Ala., 7 1/2 miles. Bonds are subject to call on and after May 1 1906 at 105; International Trust Co., of Baltimore is mtge. trustee. V. 76, p. 753. Year ending June 30 1905, gross, \$26,998; net, \$10,003; int. on bonds, \$5,040; bal., sur., \$4,963. Pres., W. M. Blount; Treas., J. M. Elly. Office, Union Springs, Ala.—(V. 76, p. 753.)

UNION TERM. RY., SIOUX CITY.—Sold to Great Nor. Ry. in 1906. V. 82, p. 570.

UNITED NEW JERSEY RAILROAD & CANAL CO.—(See Map Pennsylvania RR.)—With other properties operated in connection therewith forms an important system of roads in Northern New Jersey, extending from Camden to Amboy and from Philadelphia to Jersey City, with branches and connections, a distance of 473 miles; Hudson River ferries to New York, 1 mile, and Del. & Raritan Canal, from Bordentown to New Brunswick, and feeder, 66 miles. Phila. & Trenton and Belvidere Del.—which see—are principal leased lines.

LEASE.—Leased in June 1871 to the Pennsylvania RR. for 999 years; rental equal to 10% on stock, interest on bonds, taxes, &c.

EARNINGS.—For year ending Dec. 31 1905, gross, \$29,914,971; net, \$7,498,624; other income, \$356,928; int., rentals, improvements, &c., \$4,347,455; dividends, \$2,124,040; bal., sur., \$1,384,057.—(V. 74, p. 682.)

UNITED RAILROADS OF YUCATAN.—V. 83, p. 819.

UTICA CHENANGO & SUSQUEHANNA VALLEY RY.—Owns Utica, N. Y., to Greene, N. Y., 75 miles; branch to Richfield Springs, 22 miles; total, 97 miles. Road opened October 1872. Leased to Delaware Lackawanna & Western at 6% on stock. Has no bonded debt.

UTICA CLINTON & BINGHAMTON RR.—Owns Utica, N. Y., to Randallville, N. Y., 31 miles. Leased during continuance of charter and renewals thereof to Delaware & Hudson Company, which pays rental of \$61,500 per annum. Operated by N. Y. Ontario & Western. The street lines owned (10 miles) are leased to Utica & Mohawk Valley Ry. for \$15,000 per annum. Capital stock, \$849,285 (par \$100). Dividends on \$200,000 of which are guaranteed by Del. & Hudson at 5% per annum; balance variable—3 1/4% 1898 to 1906, incl.

VALDEZ-YUKON RR.—V. 83, p. 324.

VALLEY (N. Y.) RR.—Binghamton, N. Y., to State Line of Penn. 11 miles. Leased to Delaware Lackawanna & Western at 5% per annum on stock, the lessee assuming the interest on bonds.

Owned.	Miles.	Leased— (*See this co.)	Miles.
Indianap., Ind., E. to St. L., Ill.	239	Terre Haute & Peoria	*145
Indianapolis to Vincennes, Ind.	117	Evansville & Terre Haute	16
South Bend to Rockville, Ind.	160	Trackage	27
Logansport, Ind., to Butler	93		
Branches	39	Total	836

ORGANIZATION.—A consolidation Jan. 1 1905 per plan V. 79, p. 2148 (see also V. 80, p. 1243, 1244) of St. Louis Vand. & Terre Haute, Terre Haute & Logansport, Terre Haute & Indianapolis, Logansport & Toledo and Ind. & Vincennes RRs. Pennsylvania Company owns a majority of the stock. As to Vandalla Coal Co., see V. 81, p. 216.

STOCK.—Authorized, \$25,000,000; issued, \$14,649,546; par \$100.

DIVIDENDS.—Div., 2% paid Aug. 5 1905; in 1906, 4% (F. & A.).

BONDS.—The consolidated mtge. is a first lien on the road from St. Louis to the Indiana State line, 159 miles, and from Logansport to Butler Ind., 93 miles, and a lien, subject to the \$4,100,000 old bonds, on the remaining 415 miles owned, for which an equal amount of consols is reserved; \$10,900,000 being also reserved for improvements and general purposes. See application to list, V. 80, p. 1243, 1236; V. 81, p. 1728; V. 82, p. 162, 630.

EARNINGS.—Report for year ending Dec. 31 1905 in V. 82, p. 748. showed: Gross, \$7,815,222; net, \$1,695,169; other inc., \$34,271; charges, \$743,974; dividend (4%), \$564,282; extra. expend. fund, \$325,000; bal., sur., \$96,184.—(V. 82, p. 162, 748, 1270.)

VANDERBILT TIMBER, MINING & S. W. RY.—V. 82, p. 930.

VELASCO BRAZOS & NORTHERN RY.—Road from Anchor to Velasco, Tex., 20 miles. Sold in foreclosure Oct. 1906 to Pres. C. H. Alexander. V. 83, p. 39, 626. For year 1903-04, gross, \$16,982; deficit under operating expenses, \$4,853.—(V. 82, p. 336, 1214, 1324; V. 83, p. 39, 626.)

VERA CRUZ & PACIFIC RY.—Owns from Cordoba, on the Mexican Ry., to Santa Lucretia, 203 miles, on the Tehuantepec National Ry., by which connection is had with Santa Cruz on Pacific Ocean, 114 miles distant; also branch from Tierra Blanca to Vera Cruz, on the Gulf of Mexico, 62 miles, forming a through line from the Atlantic to the Pacific Ocean; total, 265 miles. Stock, \$1,000,000 common, all owned by Mexican Government, which guarantees bonds, prin. and interest, by endorsement. V. 78, p. 1783, 1963; V. 79, p. 1933, 1643.

BONDS are subject to call at 110 to July 1 1924, and on July 1 1924 and thereafter at par. Of the bonds \$4,500,000 had interest scaled to 1% to Dec. 31 1905, 2% from Jan 1 1906 to Dec. 1 1907 and 3% from Jan. 1 1908, to Dec. 31 1909; these have supplementary coupons attached, representing balance of 4 1/2% interest, payable at Speyer & Co., New York, from fund deposited therefor.

EARNINGS.—For year ending Dec. 31 1905 gross earnings were \$761,141. Bal. sheet June 30 1905, V. 81, p. 1846.

Pres. and Gen. Mgr., Thomas Millan, Vera Cruz, Mex.; Asst. Treas. and Asst. Sec. I. S. Zimmerman Baltimore.—(V. 81, p. 1846.)

VERMONT & MASSACHUSETTS RR.—Road, Fitchburg to Greenfield, Mass., 56 miles of double track; branch, 3 miles. Leased to Fitchburg RR. for 999 years at 6% on stock. Bonds for \$772,000 were issued to refund the 5s due May 1 1903, etc.—(V. 79, p. 2589.)

VICKSBURG SHREVEPORT & PACIFIC RY.—Delta, La., on Mississippi River, via Shreveport, to Texas line, 188 miles. Of this, 17 miles, Shreveport to Texas State line, is leased to Mo. Kansas & Texas till July 1925. Successor on May 1 1901, to V. S. & P. RR., foreclosed per plan V. 72, p. 628, 676; V. 77, p. 38.

STOCK, ETC.—Of the \$3,500,000 general 5s, \$1,323,000 are reserved to take up at maturity the prior lien 6s and \$355,000 for future requirements. Car trusts \$193,554 (4 1/2%), due semi-ann. to April 1 1913.

DIVIDENDS.—On pref. stock, 1902 to 1906, 5% yearly; on common, 1903, 2 1/2%; 1904, 3%; 1905, Nov., 2%.

EARNINGS.—From July 1 to Sept. 7, gross, \$272,375 in 1906; \$185,363 in 1905. Report for 1904-05 in V. 81, p. 1548.

Year.	Gross.	Net.	Other inc.	Interest.	Bal., sur.
1905-06	\$1,302,225	\$263,828	\$14,069	\$170,480	\$107,416
1904-05	1,424,405	343,472	15,627	170,480	*188,619

\*From surplus paid in both years 5% on pref. and in 1904-05 2% on common; in all for 1905-06, \$107,140, and in 1904-05, \$164,270.—(V. 79, p. 2589; V. 81, p. 1548, 1552.)

VIRGINIA & CAROLINA COAST RR.—See Norfolk & Southern Ry.

VIRGINIA-CAROLINA RY.—See issue of Jan. 1906.

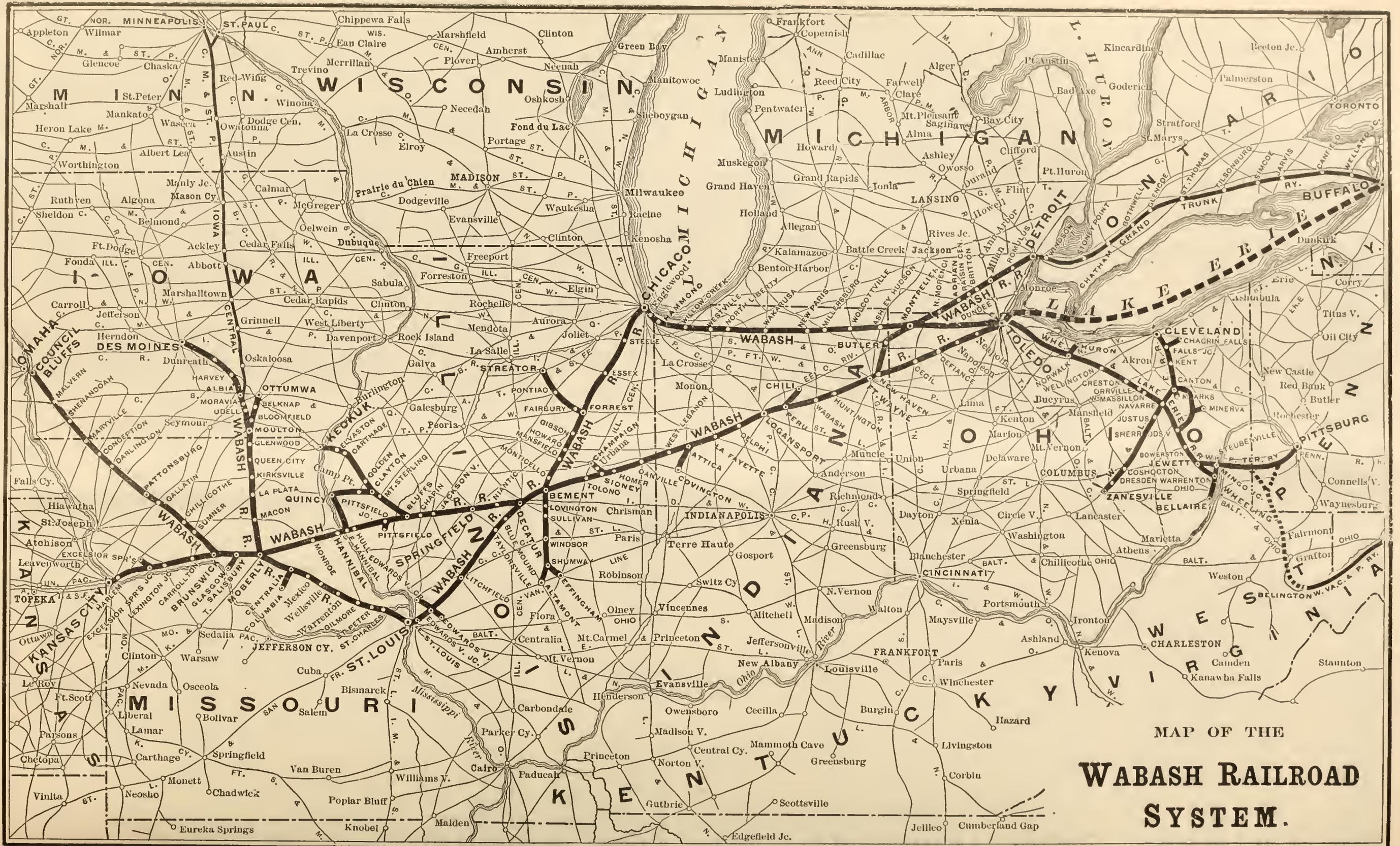
VIRGINIA & SOUTHWESTERN RY.—See page 179.

WABASH CHESTER & WESTERN RR.—See page 179.

WABASH-PITTSBURGH TERMINAL RY.—(See Map of Wabash RR.)—Owns road extending from connection with Wheeling & Lake Erie RR. near Jewett, O., easterly to Pittsburgh, Pa., about 60 miles, opened July 2 1904; also extensive terminals at Pittsburgh and majority of stock of Wheeling & Lake Erie (which see), thus controlling the easterly end of the Wabash system from Toledo to Pittsburgh. V. 78, p. 1908, 2386, 2443; V. 82, p. 570. Stock, \$10,000,000, all owned by Wabash.

In September 1904, acquired the entire \$14,000,000 stock of Pittsburgh Terminal RR. & Coal Co., a belt line at Pittsburgh and about 15,000 acres of coal and 675 acres of surface lands, the latter leased to the Pittsburgh Coal Co. The stock is pledged to secure Wabash RR. 4 1/2% notes of 1905. V. 80, p. 1364. V. 79, p. 1024, 2087; V. 80, p. 1232, 1364, 1729.

BONDS.—Both classes of bonds are secured by all property now owned or hereafter acquired, including 60 miles of road owned, Pittsburgh terminals, and new bridge over Monongahela River, and further by deposit of a controlling interest in the Wheeling & Lake Erie, viz.: \$11,870,000 common, \$6,423,800 second preferred and \$847,500 first preferred stock; and also by a traffic and trackage agreement with the Wheeling & Lake Erie and Wabash, under which the latter



MAP OF THE  
**WABASH RAILROAD**  
**SYSTEM.**

Table with columns: RAILROADS, Miles of Road, Date of Bonds, Size or Par Value, Amount Outstanding, INTEREST OR DIVIDENDS (Rate %, When Payable, Where Payable, and by Whom), Bonds—Principal, When Due, Stocks—Last Dividend.

Interest and contract with the Carnegie Steel Co. See application to list, V. 80, p. 1231, 2221.

Of the \$50,000,000 first 4s, the remaining \$21,000,000 is reserved for additional mileage, acquisitions and future purposes. No first mtge. bonds in excess of \$35,000,000 are to be issued until the full interest for the preceding year has been earned and paid on all the outstanding first and second mtge. bonds.

EARNINGS.—12 mos., 1905-06—Gross, \$933,352; net, \$339,104 July 1 to June 30. 1904-05—Gross, 354,142; net, 104,356 —V. 82, p. 989, 1440.

Table listing WABASH RAILROAD lines and distances: Owns East of Miss. River, Owns West of Miss. River, Toledo, O., to East Hannibal, Camp Pt. and Elvaston, Ill., Decatur, Ill., to E. St. Louis, etc.

HISTORY, &C.—Successor in 1889 to the Wabash St. Louis & Pacific, which was sold in foreclosure. See "Supplement" up to January 1889. The Mo. Pac. system on July 1 1906 owned \$8,500,000 preferred stock and \$5,435,000 debenture bonds, making \$13,935,000 out of a total of \$92,000,000 stock and voting debentures.

LEASE.—Entrance to Chicago is over Chic & West Indiana, of whose stock this company owns \$1,000,000 (dividends, 1896-06, 6% yearly.) STOCK.—The stockholders will vote Oct. 22 1906 on increasing the authorized preferred stock from \$24,000,000, all outstanding, to \$40,500,000, and the common stock from \$78,000,000, of which \$38,000,000 outstanding, to \$159,500,000; \$10,000,000 common having been used in 1904 to acquire \$10,000,000 of Wabash-Pittsburgh Terminal Ry.

FINANCIAL PLAN.—The stockholders and debenture holders are to vote Oct. 22 1906 on approving a plan, given in V. 83, p. 437, 626, to retire at once the \$30,000,000 outstanding debenture A and B bonds and make provision for future capital requirements and the refunding of the present bonded debt. A new issue of 4% 50-year refunding bonds will be authorized (limited to \$200,000,000) bearing date July 1 1906 and secured on all the property owned at date of mortgage and thereafter acquired from the proceeds thereof, a sufficient amount after retirement of the debentures to be reserved to refund or retire the existing bonds, promissory notes and equipment obligations.

Table showing bond exchange details: Each \$1,000 Bond—Amount Issued, Will Be Exchanged for—Cash OR Bonds, Pref. Stock, Com. Stock.

BONDS.—Abstracts of the mortgages of 1889 were in V. 49, pp. 270-273. The first mortgage covers all the lines owned both east and west of the Mississippi at time of reorganization (1,542 miles); but the second mortgage covers only 1,009 miles east of the river.

Debiture mortgage bonds are \$3,500,000 series A (pref. in respect to interest payments only) and \$26,500,000 series B. If series B bonds are not presented at maturity, July 1 1939, interest will continue to be Buffalo Terminal Association guaranteed notes (City Trust Co. of Boston, trustee), V. 83, p. 157, 212.

INTEREST ON '90 to '93. '94. '95' '96. '97. to '99. '00. to '04 None 'A' bonds % of 6 yearly. 0 0 1 0 6 yearly since, Detroit & Chicago Exten. mtge. (\$3,500,000); abstract, V. 51, p. 1049.

A sinking fund retires \$100,000 equipment 5s of 1901 annually at 108 for 5 years, then \$150,000 for 10 years and thereafter \$200,000. V. 72, p. 185, 582, 822; V. 73, p. 567. In June 1906 \$6,180,000 4 1/2% equipment trust bonds were sold, maturing \$309,000 semi-annually. V. 82, p. 1498. Omaha Division 3 1/2s cover Council Bluffs, Ia., to Pattonsburg, Mo., 144 miles. V. 75, p. 686. Columbia & St. Louis RR., guaranteed bonds, V. 73, p. 338, 786, 1012; V. 74, p. 1040; V. 75, p. 686.

The \$10,000,000 terminal gold bonds of 1904 will be issued to acquire from time to time additional terminals at St. Louis and Kansas City, Mo., Chicago and Quincy, Ill., Toledo, O., Detroit, Mich., and other places. V. 76, p. 436, 753, 1032; V. 81, p. 1437; V. 82, p. 570.

In April 1904, \$6,160,000 three-year 5% notes were sold, chiefly to provide for terminal facilities at Pittsburgh, the notes being secured by the entire stock and \$6,600,000 of 50-year first mtge. bonds of Wabash-Pitts. Term. Ry.; V. 78, p. 1551; also \$840,000 equip. 5s. (V. 78, p. 1551).

The five-year 4 1/2% notes of 1905 (\$10,000,000 authorized issue), of which \$7,000,000 was sold, are to be issued principally to increase the facilities around Pittsburgh; are secured by pledge of about \$8,000,000 Wabash-Pitts. Term. Ry. notes and other collateral. See list, V. 80, p. 1729; V. 80, p. 1231, 1364.

GENERAL FINANCES.—Completion in July 1904, of the controlled Wabash-Pittsburgh Term. Ry. (see that co. above) affords direct connection with Pittsburgh. V. 78, p. 2386, 2443; V. 79, p. 1024. A gold syndicate has acquired the Western Md. RR. to obtain access to tidewater. As to retirement of "B" bonds and new ref'd'g issue, see BONDS above.

EARNINGS.—1 mo., 1906—Gross, \$2,275,341; net, \$746,671. July 1 to July 31, 1905—Gross, 2,001,085; net, 626,983.

Earnings of combined lines of system east of Toledo, including the Wheeling & Lake Erie, Wabash-Pittsburgh Terminal and West Side Belt lines, for 10 months ending April 30, were \$5,310,814 in 1905-06, against \$4,038,648 in 1904-05; net, \$1,495,069, against \$752,962.

REPORT.—Annual meeting at St. Louis second Tuesday in September. Report for 1905-06 in V. 83, p. 887; "Chronicle" Oct. 20.

Table showing financial data: Year ending June 30—1906, 1905, 1904. Average mileage, Gross earnings, Net earnings, From rent of tracks, &c., Total net income, Taxes, Track bridge rent, &c., Interest on bonds, Appropriation for new equipment, Dividend on "A" debentures.

Balance sur. \$509,333df. \$1,459,372 sur. \$14,291 OFFICERS.—Chairman, E. T. Jeffery; Pres., Frederick A. Delano; Gen. Mgr., Henry Miller; Treas., F. L. O'Leary; Sec., J. C. Otteson. Directors—Thomas H. Hubbard, E. T. Jeffery, R. M. Gallaway, Edgar T. Welles, George J. Gould, S. C. Reynolds, John T. Terry, J. J. Slocum, Winslow S. Pierce, W. B. Landers, R. C. Clowry, W. H. Blodgett and F. A. Delano.

Office, 195 Broadway, N. Y.—(V. 83, p. 381, 437, 626, 887, 891.) WADLEY SOUTHERN RY.—Collins, Ga., to Rockledge, via Wadley, 93 miles. A consolidation in Aug. 1906 with the Stillmore Air Line Ry., name being changed from Wadley & Mt. Vernon RR. Understood to be controlled by interests allied with the Central of Georgia Ry. Stock, \$600,000, all issued; par, \$100. Of the bonds, \$200,000 are reserved for future requirements, \$315,000 of the present issue to be held to retire outstanding Wadley & Mt. Vernon 5% bonds. V. 83, p. 437. Pres., H. P. Smart; Auditor, W. D. Beymer; Treas., T. M. Cunningham. Office, Savannah, Ga.—(V. 83, p. 437.)

WARREN & CORSICANA PACIFIC RY. WARREN RR.—See p. 179.

WASH. CENTRAL RY., WASH. & COL. RIVER RY.—See page 179.

WASH. COUNTY RY., WASH. & FRANKLIN RY.—See page 179.

WASHINGTON TERMINAL CO.—To own union station at Massachusetts Ave., Washington, D. C.; terminal and approaches to be completed early in 1907. The Phila. Balt. & Wash. (Penn. RR. system) and the Balt. & Ohio own the outstanding \$2,500,000 stock (authorized amount \$5,000,000) and guarantee the bonds, of which \$10,000,000 bearing 3 1/2% interest was sold in April 1905, the \$2,000,000 unissued bonds not to bear interest in excess of 4%; V. 80, p. 1973. V. 76, p. 812, 594; V. 77, p. 252; V. 80, p. 652, 1176, 1364. Other tenants besides guarantors are Southern Ry., Washington Southern Ry. and Chesapeake & Ohio Ry.—(V. 80, p. 1973; V. 82, p. 806, 989; V. 83, p. 493.)

WEATHERFORD MINERAL WELLS & NORTHW. RY.—See p. 179.

WELLINGTON GREY & BRUCE RY.—V. 81, p. 1850; V. 83 p. 39.

WEST JERSEY & SEA SHORE RR.—(See Map Pennsylvania RR.)—Owns all the lines on the Pennsylvania system in Southern New Jersey, including Camden, opp. Philadelphia, to Atlantic City (59 miles), Camden to Cape May, 81 miles, etc., total, 329 miles. V. 62, p. 366, 871. Of this, Camden to Atlantic City, with branch, is equipped electrically.

STOCK.—Common stock authorized was \$8,076,000, of which the Penn. RR. held Jan. 1 1906 \$2,333,750. Stockholders voted March 6 1906 to increase the stock to \$10,000,000. Of the new stock about \$3,418,000 was subscribed by stockholders at par in April 1906, raising the amount outstanding to \$9,639,300. V. 82, p. 187, 393, 754.

DIVIDENDS.—Common, Sept. 1896, to Mar. 1905, incl., 5% yearly; since to Sept. 1906, incl., 6% yearly.

BONDS.—First consolidated mtge. is for \$7,000,000, of which in Apr. 1905, \$1,840,000 were reserved for prior lien bonds when due, and \$1,060,000 for improvements, &c., V. 62, p. 1179. Mtge. trustee, Commonwealth Title Insurance & Trust Co., Philadelphia.

EARNINGS.—8 mos., 1906—Gross, \$3,671,683; net, \$1,243,455 Jan. 1 to Aug. 31. 1905—Gross, 3,261,483; net, 1,038,055.

REPORT.—Report for 1905 was in V. 82, p. 985. Years end. Dec. 31. 1905. 1904. 1903. 1902. Gross earnings \$4,652,405 \$4,307,507 \$4,260,460 \$3,893,799 Net earnings 1,263,677 1,040,091 945,475 1,002,391 In 1905 other income, \$48,667; interest on funded debt, rentals, taxes, etc., \$370,137; dividends at 5 1/2% on com. (and 6% on special guaranteed) call for \$348,122, leaving \$619,079; appropriated for extraordinary expenditures \$332,990; bal., sur., \$61,094.—(V. 82, p. 985; V. 83, p. 689.)

RAILROADS. For explanation of column headings &c. see notes on first page of tables.	Miles of Road.	Date of Bonds.	Size, or Par Value.	Amount Outstanding	INTEREST OR DIVIDENDS.			Bonds—Principal, When Due, Stocks—Last Dividend.
					Rate %	When Payable.	Where Payable, and by Whom.	
<b>Western Maryland—(Concluded)—</b>								
West Va Cent & P 1st M gold \$3,600,000... Mp.c*	132	1881	\$1,000	\$3,250,000	6 g	J & J	First Nat Bk, N Y; & Balt	July 1 1911
Piedmont & Cumberland 1st M Int rental gold... Me	29	1886	1,000	650,000	5 g	F & A	First Nat'l B'k, N. Y.	Aug 1 1911
Coal & Iron Ry 1st M guar gold (V 71 p 1166)... MeBa	45	1900	1,000	1,000,000	5 g	F & A	Merc Tr & Dep Co, Balt	Aug 1 1920
Potomac Val 1st M \$2,000,000 gold guar... MeBa.c* & r	31	1891	1,000	1,300,000	5 g	J & J	do do	Jan 1 1941
<i>Lines Leased (x) and Controlled by Ownership of all (y) or Majority (z) of Stock—See statement of each company.</i>								
xyBalt & Cumb Val Ry 1st M interest rental... do	3	1879	500	48,500	6	J & J	do do	July 1 1929
xyBalt & Cumb Val RR 1st M interest rental... do	5	1879	100 & c	72,800	6	J & J	do do	July 1 1929
xBalt & Cumb Val RR Ext stock gu (\$270,000 car 7%)... do			50	390,600	5 & 7	J & J	do do	July 1 1906
First mortgage interest rental... Ba	27	1881	1,000	230,000	6	J & J	do do	July 1 1931
xzBalt & Harrisburg RR mortgage gold... MeBa.c*	66	1886	1,000	690,000	5 g	M & N	do do	Nov 1 1936
xyBalt & Harrisburg Ry W Ext gold guar... MeBa.c*	15	1888	1,000	240,000	5 g	M & N	do do	May 1 1938
<b>Western New York &amp; Pennsylvania—Stock (see text)</b>	600		50	20,000,000				
Western N Y & P 1st M (\$10,000,000) gold... Me.c*	600	1887	1,000	9,990,000	5 g	J & J	New York Trust Co, N Y	Jan 1 1937
General M \$10,000,000 gold (see text)... Un.c*	600	1895	1,000	10,000,000	4 g	A & O	do do	April 1 1943
Income bonds \$10,000,000 gold non-cum... FP.c*		1895	1,000	10,000,000	5	Nov 1	Fidel Trust—When earn	April 1 1943
<b>Western North Carolina—See Southern Ry.</b>								
<b>Western Pacific—1st M \$50,000,000 g red 105-B.c* &amp; r</b>		1903	1,000 & c	See text.	5 g	M & S	New York & San Fran	Sept 1 1953
<b>Western Pennsylvania—See Pennsylvania RR.</b>								
<b>Wheeling &amp; Lake Erie—Com stock \$20,000,000 auth</b>			100	20,000,000				
First pref 4% non-cumulative \$5,000,000... do			100	4,986,900				
Second preferred 4% non-cum \$12,000,000... do			100	11,993,500				
First mortgage Lake Erie Div gold... Me.c*	187	1886	1,000	2,000,000	5 g	A & O	Mercantile Trust Co, N Y	Oct 1 1926
First M Wheeling Div \$ & £ (2d on 187 m) g... Ce.c*	50	1888	1,000	894,000	5 g	J & J	Central Trust Co N Y	July 1 1928
Extension and improve M (\$1,900,000) gold... Ce.c*	260	1889	1,000	409,000	5 g	F & A	do do	Feb 1 1930
First consol mortgage gold \$15,000,000... Me.c*	451	1899	1,000	11,697,000	4 g	M & S	Mercantile Trust Co, N Y	Sept 1 1949
Pittsburgh Llsbon & Western Ry 1st M red at 105... do	25	1896	500	150,000	5	J & J	Bowling Green Tr Co, NY	July 1 1926
General mortgage \$35,000,000 gold... Ce.c* & r		1905	1,000	See text.	4 g	F & A	do do	Aug 1 1955
Notes g sec by \$12,000,000 4s guar p & i red par... N		1905		8,000,000	5 g	F & A	New York Tr. Co., N. Y.	Aug 1 1908
Toledo Dock & Coal Co 1st M Int paid as rental... do		1883		50,000	5	F & A	2nd Nat. B'k, Toledo	Aug 1 1908
Lorain & W Va 1st M \$2,000,000 gold... c* & r	30	1906	1,000	See text.	4 g	J & D	New York	June 1 1956
Car trusts June 1905 payable monthly, quar & ann				360,500			Various	To Dec 1914
Equipment bonds \$2,500,000 gold s f (see text)... Me		1902	1,000	2,198,000	5 g	J & J	Mercantile Trust Co, N Y	Jan 1 1922
Equipment trust notes gold... do		1904	1,000	756,000	4 1/2 g	J & D	Various	Dec '06-Dec '14
Wheeling Term—1st M \$2,000,000 g s f guar p & i c & r	10	1900	1,000	1,485,000	4 g	F & A	Office, Pittsburgh	Aug 1 1940
White & Black River Valley—1st M g Int guar... F.c*	63	1900	1,000	600,000	5 g	J & J	First National Bank, N Y	June 30 1980
White Pass & Yukon—Stock £1,700,000... do			£10	£1,375,000	See text.	See text.	Office, 7 Moorgate St, Lon	July 14 1906 2%
Consolidated first mortgage debent stock red after '20	110	1900	£10 & c	£746,702	5	J & J	do do	Dec 31 1930
Mortgage debentures (navigation bonds) red... do		1901	£100	£255,555	6	J & J	Glyn, M, C & Co, London	Dec 31 1930

**WEST SHORE RR.—(See Maps N. Y. Central & Hudson River.)**—Weehawken, N. J., opposite N. Y. City, to Buffalo, N. Y., with branches, 436 miles; Syr. Ont. & N. Y. RR. (owned), Syracuse to Earlville, 43 m.; total, 479 m. Successor of N. Y. West Shore & Buffalo, foreclosed.

**LEASE.**—Leased in 1885 for 475 years to the New York Central & Hudson and all earnings, &c., included in that company's report. The \$10,000,000 of stock is owned by the New York Central Company.

**BONDS.**—The bonds cover 479 miles of road, and also the terminals at Weehawken. Abstract of mtge. in V. 42, p. 176.—(V. 68, 332.)

**WEST VIRGINIA CENTRAL & PITTSB. RY.**—See Western Maryland.

**WEST VIRGINIA & PITTSBURGH RY.**—See page 179.

**WESTERN (THE) RY. OF ALABAMA.**—Selma to West Point, 132 m. Georgia RR. and Cent. RR. of Georgia, each owned half the \$3,000,000 stock, but in 1905 the former sold its interest. V. 82, p. 336.

**DIVIDENDS** } 1894 to 1896. '97. '98. '99. '00. '01. '02 to '05.  
(%) } 2 yearly 3 0 5 4 2 4 yearly

For year ending June 30 1905 gross, \$1,032,522; net, \$412,115; other income, \$3,310; charges, etc., \$290,555, divs, \$120,000.—(V. 82, p. 336.)

**WESTERN MARYLAND RR.—(See Map.)—HISTORY.**—In June 1902 the Gould interests acquired the interest of City of Baltimore in road. Extension to tidewater at Baltimore was opened in Sept. 1904. See V. 79, p. 2693. Stockholders voted Oct. 19 1905 to ratify the purchase of controlled companies, viz.: Western Maryland Tidewater, Potomac Valley, Piedmont & Cumberland, West Virginia Central & Pittsburgh, Bellington & Beaver Creek Ry. and Coal & Iron Ry. V. 81, p. 509, 900, 1243.

*Lines Owned—(390.7 m.) Miles. Lines Leased—(150.8 m.) Miles.*  
Maryland division, Balto., via Balt. & Cumb. Val. (3 cos.)... 34.1  
Hagerstown & Wmsport. to Balt. & Harrisburg (3 cos.)... 97.6  
Cumberland, Md. to Wmsport... 172.4  
Washington & Franklin... 19.1  
West Va. div., Maryland to Belington & Durbin, W. Va., with branches... 218.3 (\* See this Co.)  
Total operated (also 26.4 m. 2nd tr. & 188.3 m. side, &c., track)... 544.2

Above includes connecting link from Big Pool, opposite Cherry Run, W. Va., to Cumberland, Md., 59 miles, completed Feb. 1906, making the system a through route from the coal fields to Baltimore.

As to Unlontown & Wheeling Short Line. see V. 82, p. 1270.

**BONDS.**—The new 1st 4s of 1902 (authorized issue \$50,000,000), cover the entire property of the railroad and stocks of the proprietary and leased lines owned by the company, also all of the capital stock of the West Virginia Central & Pittsburgh Ry., which owns about 130,000 acres of bituminous coal lands with 17 mining plants and appurtenances, coke ovens, administration buildings, department stores and dwelling houses. The \$25,000,000 bonds first issued was used for the cancellation of \$12,560,000 obligations formerly resting upon the Western Maryland RR., \$11,000,000 to acquire the capital stock of the West Va. Central and \$4,500,000 towards the construction of the Cumberland extension and equipment, extensions and improvements. The remaining \$25,000,000 was reserved as follows, viz.: \$3,000,000 for terminals, terminal properties and facilities in and adjacent to Baltimore, \$7,481,300 to retire bonds of proprietary and leased roads. V. 75, p. 550, 850; V. 79, p. 1024; see V. 79, p. 2692 and V. 81, p. 266; V. 80, p. 473, 1914; V. 81, p. 614; V. 83, p. 273.

In Oct. 1905 the 1st mtge. was a direct first lien on 157 miles, and, through a conveyance of the West Va. Cent. & Pitts. and other proprietary companies, became a direct second lien on 227 miles additional, subject to \$6,200,000 divisional liens; it also covers practically all the stock of proprietary and leased companies owning 131 miles of road in Pennsylvania and Maryland, subject to \$1,281,300 underlying bonds, making a total of 522 miles covered, directly or indirectly.

The gen. lien and convertible mtge. secures \$10,000,000 of 4% 50-year bonds bearing 4% fixed interest since Oct. 1 1905. V. 75, p. 850; V. 76, p. 49.

**REPORT.**—Report of syndicate managers, giving consolidated balance sheet June 30 1905, &c., V. 81, p. 1240.

	Gross Earnings.	Net Earnings.	Other Income.	Total Net.
12 mos. end. June 30—				
1905-06	\$4,802,094	\$1,692,412	\$847,634	\$2,540,046
1904-05	3,900,249	1,387,828	634,458	2,022,286

Pres., Winslow S. Pierce; V.-P., F. S. Landstreet, Directors (Oct. 1905), V. 81, p. 1243.—(V. 82, p. 336, 1103, 1214, 1270; V. 83, p. 273.)

**WESTERN NEW YORK & PENNSYLVANIA RY.—(See Map Pennsylvania RR.)**—Owns Buffalo to Emporium, Pa., 118 miles; Buffalo to Oil City Pa., 136 m.; Oil City to Olean, 110 m.; Rochester to Hinsdale, 99 m.; Stoneboro to Mahoningtown, 38 m.; branches, including proprietary lines, 99 m.; total owned, 600 miles; leased, 50 miles.

**ORGANIZATION.**—Reorganization Mch. 18 1895 (per plan in "Supplement" of Jan. 1895) of the Railroad, foreclosed Feb. 5 1895.

In 1900 the Penn. RR. purchased \$19,402,686 of the stock at \$9 per share, \$9,165,000 income bonds at \$300 per bond, and on Aug. 1 1900 took the road over under lease. V. 71, p. 31, 85; V. 70, p. 843, 1096, 1150. The new lease, made for 20 years from Aug. 1 1903, is to continue thereafter from year to year, subject to termination on 60 days' notice. V. 75, p. 1255.

**BONDS.**—Abstract of Western N. Y. & Pa. 1st mtge. in V. 47, p. 109. On Dec. 31 1904 \$395,000 income bonds were in the treasury. Mtges. and ground rents payable Dec. 31 1905, \$562,428.

**ANNUAL REPORT.**—Report for 1905 was in V. 82, p. 984.

Years end. Dec. 31—	1905.	1904.	1903.
Gross earnings	\$6,647,829	\$5,341,975	\$5,685,787
Net earnings	1,091,820	277,598	473,205
Int. charges on 1st mtge.	499,500	499,500	499,500
Int. on gen. mtge. (see above)	400,000	400,000	400,000
Taxes	116,268	118,468	109,369
Car trusts and other interest	209,674	221,302	134,100
Miscellaneous and extraordinary	109,318	227,112	647,635

Balance, deficit \$242,941 \$1,188,784 \$1,317,399  
—(V. 77, p. 825; V. 78, p. 1499; V. 80, p. 1364, 1476; V. 82, p. 806, 984.)

**WESTERN PACIFIC RY.**—Under construction from Salt Lake City, Utah, to Oakland (San Francisco), with branches, about 930 miles. In Feb. 1904 the Alameda & San Joaquin RR., Stockton to Tesla, Cal., 30 m., was acquired. V. 78, p. 822. In Mch. 1905 control of the Boca & Loyalton, Boca to Beckwith, &c., 56 m., was purchased. V. 80, p. 1425. In Mch. 1906 the Marysville & Susanville was acquired. V. 82, p. 570. In Sept. 1906 the Virginia & Truckee was reported to be acquired. V. 83, p. 689. The Den. & Rio Gr. and Rio Gr. West. own two-thirds of the stock and jointly and severally agree to meet any deficiency in earnings to provide interest on bonds. V. 80, p. 1730. In Aug. 1905 contract for 500 miles was let. V. 81, p. 778, 1494.

Stock authorized, \$75,000,000; par of shares, \$100; V. 81, p. 728. Bonds \$50,000,000, have been sold; see table above. V. 78, p. 1168; V. 80, p. 1480; V. 81, p. 32. The shareholders Nov. 9 1905 authorized a \$25,000,000 2d mtge., none of the new bonds to be issued at present. Pres., E. T. Jeffery. Directors, Mch. 1906. V. 82, p. 630.—(V. 82, p. 570, 630; V. 83, p. 689.)

**WHEELING TERMINAL RY.**—Owns a railway bridge at Wheeling, W. Va., and about 10 miles of terminal track. Successor of Wheeling Bridge & Terminal Ry., foreclosed in 1900. STOCK.—\$2,000,000, all owned by Pennsylvania Company which guarantees principal and interest of bonds of which \$500,000 are reserved for additions and improvements; mtge. trustee, Commercial Trust Co. of Phila. Form of guaranty, V. 76, p. 655. Penn. RR. on Jan. 1 1906 owned \$1,263,000 bonds. For year ending Dec. 31 1905 gross, \$235,801; net, \$150,502; charges, \$59,400; bal., sur., \$91,102. Secretary, S. B. Liggett.—(V. 76, p. 655.)

**WHEELING & LAKE ERIE RR.—(See Map of Wabash RR.)**—Includes:

Lines owned—	Miles.	Branches owned—	Miles.
Toledo, O., to Martin's Ferry	216	Cleveland Belt	6
Cleveland to Zanesville, O.	144	Branches owned	49
Canton to Sherrodsville	45	Branches operated, not owned	33
Toledo Belt Line	5		
Total July 30 1904	498		

**HISTORY.**—Successor May 1 1899, per plan in V. 66, p. 1142, of Wheeling & Lake Erie Railway, foreclosed. V. 68, p. 830.

Wabash-Pittsburgh Terminal Ry. (which see above) acquired in 1904 following amounts of the stock: \$11,870,000 common, \$6,423,800 2d pref. and \$847,500 1st pref. stock. V. 78, p. 2386, 2444.

The Zanesville Belt & Terminal Ry. has been operated since Jan. 1 1902 under a temporary agreement. V. 74, p. 207. The W. & L. E. RR. owns majority of the stock of the Pitts. Wheeling & Lake Erie Coal Co., leased in 1901 for ten years to other parties. V. 70, p. 799, 741.

In May 1906 the acquisition of the Lorain & West Virginia, under construction from Wellington north to Lorain, 30 miles, and of the Sugar Creek & Northern, under construction from Bollvar northwest to Orrville, 28 miles, was authorized. V. 82, p. 1103.

**BONDS.**—The mtge. of 1899 secures \$15,000,000 gold 4s, of which \$3,328,000 are reserved to retire at maturity all underlying bonds. V. 68, p. 1027; V. 69, p. 29. They are a first lien on 202 1/2 miles and cover 248 1/2 miles additional, subject to the outstanding divisional bonds. V. 74, p. 1040. Under the consol. mtge. all underlying bonds, as exchanged, must be canceled. (V. 71, p. 391; V. 70, p. 896, 998.) See application to list. V. 71, p. 34, 542; V. 72, p. 534, 628; V. 74, p. 1040; V. 77, p. 2392. New 4s of 1905, see below.

The Lorain & West Va. 4s (\$2,000,000 authorized issue; Citizens' Savings & Trust Co. of Cleveland, trustee) are guaranteed by endorsement, prin. and int. V. 83, p. 272.

Equipment bonds of 1902 may be purchased at not exceeding 105 and interest or drawn by lot at 108 and interest (or the sinking fund may be applied to the purchase of additional equipment) to the following amounts: \$75,000 for 4 years, beginning Jan. 1 1903, then \$100,000, \$125,000, \$150,000 and \$175,000 yearly for each successive period of 4 years to date of maturity. V. 74, p. 578. In Dec. 1904 \$501,000 equipment trust notes, secured on 1,000 coal cars, were sold. V. 79, p. 2644.

**GENERAL FINANCES.**—The stockholders in 1905 authorized a gen. mtge. to secure \$35,000,000 of 50-year 4% bonds, of which \$15,000,000 is reserved to retire underlying bonds and \$20,000,000 for future purposes. In Aug. 1905 \$8,000,000 notes, secured by \$12,000,000 gen. 4s, were sold for double-tracking and other improvements and equipm't. V. 81, p. 669, 778.

**LATEST EARNINGS.**—2 mos. } 1906—Gross, \$1,014,146; net, \$381,748  
July 1 to Aug. 31. } 1905—Gross, 918,498; net, 250,300

**REPORT.**—Report for the year ending June 30 1905 was in V. 82, p. 565. In 1903-04, of 5,752,524 tons of freight carried, products of mines furnished 68.11% (bituminous coal, 51.12%). Preliminary statement for 1905-06. V. 83, p. 273.

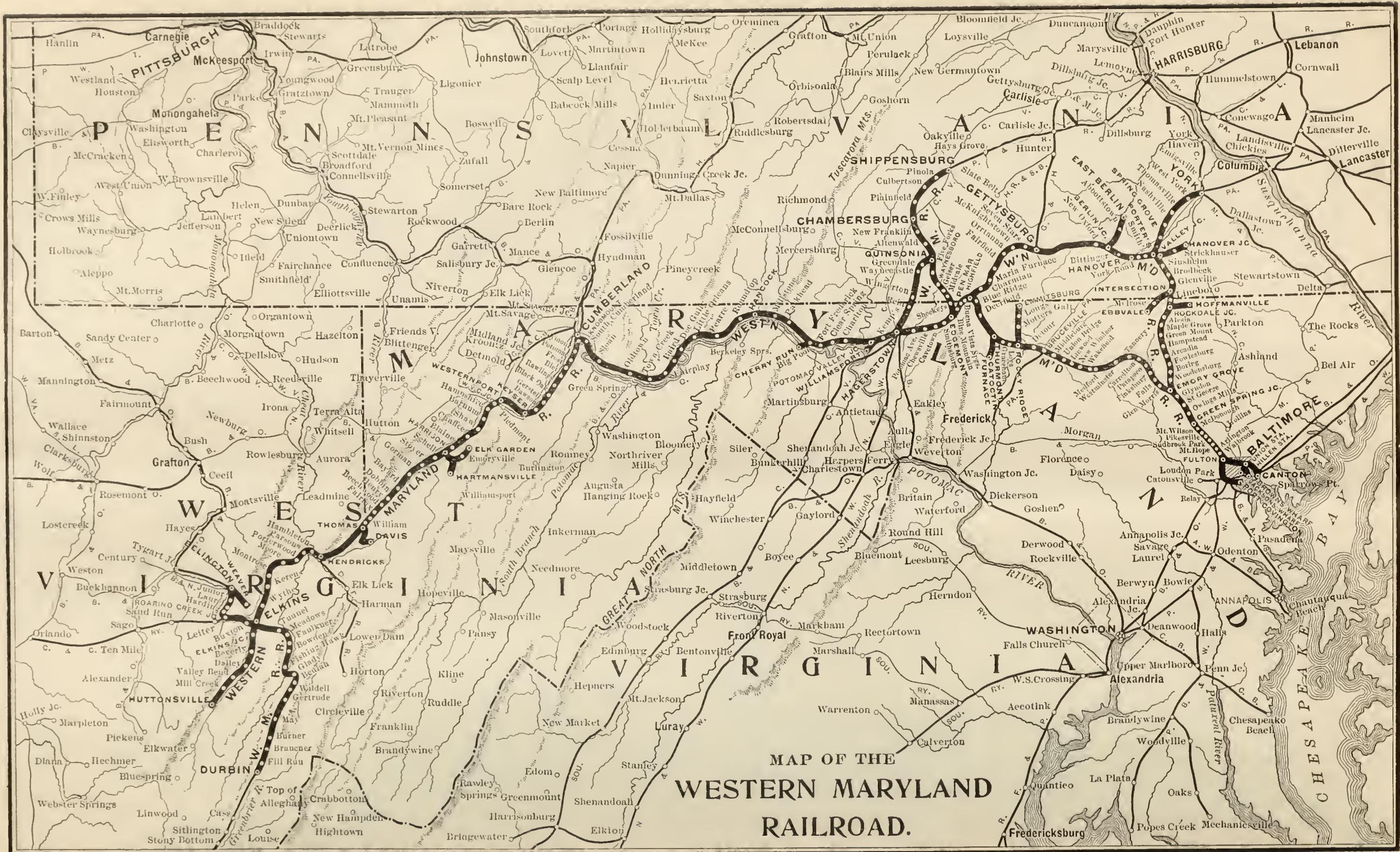
Year—	Gross.	Net.	Oth. Inc.	Int. taxes, &c.	Bal. sur.
1905-06	\$5,318,801	\$1,556,646		\$1,404,249	\$152,397
1904-05	4,595,607	956,471		1,149,831	def. 193,360
1903-04	4,325,282	1,049,983	\$70,198	1,056,527	63,654

**OFFICERS.**—Chairman of Board, Myron T. Herrick, Cleveland; Pres., F. A. Delano, St. Louis; V.-P., B. A. Worthington, New York; Sec. and Treas., H. B. Henson, New York.

**DIRECTORS.**—George J. Gould, Edwin Gould, E. T. Wells, Winslow S. Pierce, Alvin W. Kreh and W. E. Connor of New York; F. A. Delano of Chicago; Myron T. Herrick, George A. Garretson, E. W. Oglebay, H. P. McIntosh, Robert Blickensderfer, Dan. R. Hanna and William G. Mather of Cleveland and C. M. Spitzer of Toledo, O.—(V. 83, p. 273.)

**WHITE & BLACK RIVER VALLEY RR.**—Brinkley to Jacksonport, Ark., 63 miles. Leased for 80 years from July 1 1900 to the Choctaw Oklahoma & Gulf RR. for guaranty of interest, endorsed on bonds. Stock authorized, \$1,875,000, paid in, \$323,000. Of the \$600,000 bonds outstanding, \$100,000 have coupons cut off for the first ten years and \$200,000 are reserved for extension to Batesville.—(V. 72, p. 189.)

**WHITE PASS & YUKON RY.**—Owns a narrow-gauge line 110 miles in length, extending from Skaguay, Alaska, to White Horse. (V. 69, p. 335; V. 67, p. 1162, 1138); also operates steamers between White Horse and Dawson City and Caribou and Atlin. V. 73, p. 443; V. 75, p. 1300. Incorporated under English Companies Act.



MAP OF THE  
**WESTERN MARYLAND  
 RAILROAD.**

RAILROADS.	Miles of Road.	Date of Bonds.	Size, or Par Value.	Amount Outstanding	INTEREST OR DIVIDENDS.			Bonds—Principal, When Due. Stocks—Last Dividend.
					Rate %	When Payable.	Where Payable, and by Whom.	
Wichita Falls—First M gold red at 105 sinking fd. SSt.c	18	1895	\$500	\$230,000	6 g	J & J	St Louis, Mo	Jan 1 1925
Wichita Val—1st M int red to 3% to July '07 g. Me c & r	51	1890	1,000	769,000	3 (5)	J & J	Mercantile Trust Co, N Y	July 1 1940
Wilkesbarre & Eastern—See N Y Susquehanna & West								
Wilkesbarre & Scranton—Stock 5% rental	5	----	50	500,000	5	Dec 31	108 South 4th St, Phila	Dec 31 1905 5%
First mortgage gold guar p & l by L C & N Co.	5	1888	1,000	500,000	4 1/2 g	M & N	do do	May 1 1938
Williams Valley—First mortgage \$120,000 authorized	12	1903	500	120,000	5	J & D	Tower City (Pa) Nat Bk	Dec 1 1923
Williamsport & Nor Br—1st M \$750,000 gold. FP.c*	47	1901	1,000	545,000	4 1/2 g	J & J	Fidelity Trust Co, Phila	July 1 1931
Wilmington Columbia & Augusta—See Atlantic Coast	Line	Co. of	South Ca	rolina.				
Willmar & Sioux Falls—See Great Northern.								
Wilmington & Northern—1st M call in 1907 int guar r	88	1887	500	354,000	5	J & D	Reading Terminal, Phila	1907 1927
General M \$1,000,000 gold p & l guar (end) PeP.r	88	1892	1,000	406,000	5 g	Q—F	do do	Aug 1 1932
Wilmington & Weldon—See Atlantic Coast Line RR.								
Winona Bridge—First M gold s f redeem at 110. F	1.03	1890	1,000	384,000	5 g	M & S	209 Adams St, Chicago	Sept 1 1915
Wisconsin Central Ry—Com stock auth \$17,500,000	---	---	---	16,147,876	---	---	---	---
Preferred stock 4% non-cumulative \$12,500,000.	---	---	---	11,267,104	---	---	---	---
First general mortgage gold (\$27,000,000) Us.c*	All	1899	1,000	23,748,000	4 g	J & J	---	July 1 1940
Minn Term M gold subject to call at 105 after 1910	---	1900	1,000	500,000	3 1/2 g	J & J	---	Jan 1 1950
Marsh & S E Div 1st M gold subj to call at 105. Us	---	1901	1,000	422,000	4 g	M & N	---	May 1 1951
Car trusts due A & O	---	---	---	415,000	4 1/2 & 5	A & O	New York	To Oct 13 1912
Equipment trusts gold due \$60,000 yearly Mp	---	1902	---	340,485	5 g	J & J	Maitland, Coppel	July 1 1907-1912
Sup & Dul Div & Term M \$8,500,000 gold (see text)	---	1906	---	7,000,000	4 g	M & N	& Co	May 1 1936
Chicago Wisconsin & Minn 1st M gold assumed. c*	122	1885	1,000	776,000	6	M & S	---	Mar 1 1916
Milwaukee & Lake Win first mortgage gold assumed. c*	66	1882	1,000	604,000	6 g	J & J	---	July 1 1912
Wisconsin Cent RR cons M 1st series gold ass'd. c&r	416	1879	500 &c	656,000	5 g	J & J	---	Jan 1 1909
Wisconsin & Michigan—First M gold \$951,000. Mp	54	1895	1,000	951,000	5 g	J & J	See text.	Jan 1 1945
General mortgage gold (see text) EC	---	1905	1,000	1,811,184	4 g	F & A	New York	Feb 1 1955
Wisconsin & Pacific—1st M (see text) gold. Me.c*	271	1900	1,000	5,796,000	4 g	A & O	Blair & Co, New York	Oct 1 1950
Woonsocket & Pasc—First M int guar City of Woon.c	9	1890	1,000	100,000	5	A & O	R I Hospital & Tr Co, Pro	Oct 1 1910
Worcester Nashua & Rochester—Stock (\$3,600,000).	94	---	100	3,099,800	5 1/2 ln '06	J & J	Amer Loan & Tr Co, Bost	July 2 '06 3%
Worcester & Worcester Nashua & Roch RR bds. c*	47	1905	1,000	150,000	4 g	J & J	do do	Jan 1 1935
Nashua 1st do do do c*	47	1893	1,000	511,000	4	J & J	do do	Jan 1 1913
M of 79 se- do do do c*	47	1890	1,000	735,000	4	J & J	do do	Jan 1 1930
cures all eq do do do c*	47	1895	1,000	380,000	4	A & O	do do	Oct 1 1934
Yellowstone Park—First M \$3,000,000 gold sinking fd	22	1905	1,000	432,000	5 g	J & J	Farm Tr, Lancaster, Pa	July 1 1945
Yosemite Short Line Ry—See Sierra Ry of California.								
Yosemite Valley—First M \$3,000,000 gold sink fund c*	39	1906	1,000	1,500,000	5 g	J & J	Mec Trust Co, San Fr	Jan 1 1936

SECURITIES.—Of the stock, £255,555 is reserved to retire a like amount of debentures. V. 72, p. 582; V. 74, p. 479.

DIVIDENDS.—First cash dividend of 5% paid Apr. 22 1901, and also in August a 25% stock dividend, the two together representing the profits of the first three years to June 30 1901; Dec. 1901, 5%; in 1903, July, 2 1/2%; in 1904, Jan., 2 1/2%; July, 2 1/2%; 1905, Jan., 1 1/2%; July, 2%; 1906 Jan., 3%; July, 2%.

REPORT for year ending June 30 1905 was in V. 81, p. 1489, showing net profit above interest on debentures and debenture stock, £63,256; brought forward from last year, £33,040; total, £96,296; dividend (5%), £68,750; bal., sur., £27,546.

Pres. of the local (subsidiary) companies, S. H. Graves, Mackinnon Bldg., Vancouver, B. C., Canada. Sec., F. C. Elliott.—V. 81, p. 1489

WICHITA FALLS RY.—Henrietta, Tex., to Wichita Falls, 18 miles. Operated by Missouri Kansas & Texas Ry. under contract extending to Jan. 1 1936, providing for division of rates. Stock, \$20,000.

Year ending June 30 1904 gross, \$59,837; net, \$36,297; int. and sinking fund, \$16,240; divs., \$20,057.—(V. 73, p. 1161; V. 71, p. 865.)

WICHITA VALLEY RR.—Owns from Byers to Seymour, Tex., 75 miles; extension from Seymour to Stamford, 60 miles, to be completed Sept. 1906. The Abilene & Northern is to build from Stamford south to Abilene, 38 miles. In 1905 Colorado & Southern acquired control. See V. 83, p. 695. Interest scaled to 3% to July 1 1907, inclusive. Land and income notes (6s), \$123,617; inc. notes (5s), \$68,249. V. 67, p. 224; V. 76, p. 1608.—(V. 78, p. 1277; V. 81, p. 1243.)

WILKESBARRE & SCRANTON RY.—(See Map Central RR. of N. J.)—Owns from Scranton to Minooka Jct., Pa., 5 miles, of which 1 1/2 miles is double track. Leased from May 1 1888 to Lehigh Coal & Nav. Co. (which holds all the stock) during corporate existence less one year, at \$47,500 per annum and taxes. Lease assigned to Central of N. J. at 6% on cost of road (\$1,089,582) and taxes.

WILLIAM'S VALLEY RR.—Brookside to Lykens, Pa., 12 miles. Stock authorized, \$120,000; outstanding, \$90,000; par of shares, \$50. The 5s of 1903 were to retire at once the \$87,000 of 6s due Dec. 1 1911. For year ending June 30 1906, gross, \$25,816; net, \$6,445. President, and Gen. Mgr., C. M. Kaufman, Tower City, Pa.—(V. 78, p. 1393.)

WILLIAMSPORT & NORTH BRANCH RR.—Hall's to Satterfield, Pa., and br., 47 miles; leases Eagles Mere RR., 10 miles; total, 57 miles. Stock (authorized, \$2,000,000) common, \$925,362; preferred, \$400,000; par \$50. The 4 1/2s of 1901 cover the road and 3,000 acres of coal lands in Sullivan Co., Pa., \$250,000 being reserved for extensions. V. 72, p. 990, 1280. Equipment trusts June 30 1906, \$32,500; bills payable, \$15,500.

EARNINGS.—11 mos., 1905-06. Gross, \$161,189; net, \$48,676. July 1 to May 31. 1904-05. Gross, 154,807; net, 46,059. Surplus over 11 mos. charges, \$17,183 in 1905-06, against \$15,005. For year ending June 30 1906, gross, \$175,187; net, \$55,215; charges, \$39,975; bal., sur., \$15,240.

Pres., S. D. Townsend, Hughesville, Pa.; Sec. and Treas., H. C. Adams, N. Y.—(V. 78, p. 2386.)

WILMINGTON & NORTHERN RR.—(See Maps Reading System.)—Owns Wilmington, Del., to Highs Jct., Pa., 71 miles; branches, 17 miles; total owned, 88 miles; trackage to Reading, Pa., etc., 4 miles. General mtge. bonds are reserved to retire 1st mtge. at maturity. The Reading Co. owns practically the entire \$1,500,000 capital stock, which is deposited under its collateral trust mtge. The road is leased to the Phila. & Read. Ry. for 999 years from Feb. 1 1900 for interest on bonds and 3 1/2% div. on stock, payable quarterly (Q-F. 15). V. 70, p. 127, 998; V. 71, p. 758. The stockholders voted May 1 1905 to issue \$240,000 general mtge. bonds for extension, which were at last accounts unissued.—(V. 80, p. 1858.)

WINONA BRIDGE RAILWAY.—Owns bridge between Winona, Minn., and Buffalo, Wis., 1.03 miles; opened Sept. 1 1891. Leased for 30 years to Chicago Burlington & Quincy and Green Bay & Western, the former. It was reported in July 1903, acquiring about two-thirds and the latter the balance of the \$400,000 stock. V. 77, p. 252.

STOCK.—\$400,000; par, \$100. Year ending June 30 1905, gross \$25,035; net, \$17,951; charges, \$19,966; bal., def., \$2,015. V. 77, p. 252.)

WISCASSET WATERVILLE & FARMINGTON RR.—Wiscasset, Me., to Albion, 42 miles (2-foot gauge); also partially constructed from Weeks Mills west to Farmington, etc., Me., about 50 miles, of which 15 miles to Winslow are in operation. On Oct. 7 1905 W. D. Paterson of Wiscasset, Me., was appointed temporary receiver and authorized to issue it was stated, 500 receivers' certificates. V. 81, p. 1176. Foreclosure sale was adjourned to Oct. 24 1906. V. 83, p. 689. A consolidation in 1901 (see V. 73, p. 392; V. 71, p. 603; V. 69, p. 233; V. 66, p. 185).

Stock authorized, \$1,000,000; outstanding June 30 1905 \$243,900; par, \$100. Bonds subject to call at 105, beginning 1911. Real estate Trust Co. of Philadelphia is mort. trustee. For year ending June 30 1905 gross, \$41,770; def. under oper. exp., \$9,325. Pres., G. F. Farley.—(V. 73, p. 392; V. 81, p. 1176; V. 83, p. 437, 689.)

WISCONSIN CENTRAL RAILWAY.—(See Map)—SYSTEM extends from Chicago to Ashland, Wis., and Lake Superior iron mines; also to St. Paul and Minneapolis. By extension to Manitowoc and the car ferry across Lake Michigan, connects with the Pere Marquette and has a short line to the East. V. 63, p. 117. The system includes:

Lines owned.—	Miles.	Lines owned.—	Miles.
Chlc. to Trout Brook Jct., Wis.	452	Other branches	49
Abbottsford to Ashland, Wis.	133	Trackage to Chlc., Min., etc.	32
Branch to Bessemer	34	Rugby to Milwaukee, etc.	28
Stevens Point to Portage City	71	Spurs to Industries (65 miles unoperated)	167
Neenah to Manitowoc (14 jointly)	44		
Marshfield to Nekoosa	33		

Grand total (incl. spurs operated 102 miles and unop. 65 m.)—1,043. Extension from Owen to Ladysmith, 4 1/2 miles, was opened Aug. 1906; extensions being built thence to Superior and Duluth, 112 miles. V. 81, p. 1263; V. 82, p. 1324

ORGANIZATION.—Successor July 1899 of Wisconsin Cent. Co., foreclosed per plan V. 68, p. 725; V. 69, p. 29, 83, 133, 182. See V. 70, p. 434. In Oct. 1906 control was changed. V. 81, p. 1316; V. 83, p. 819, 891.)

STOCK.—Stock authorized common, \$17,500,000; pref. 4% non-cum., \$12,500,000. Outstanding, common, \$16,147,876; pref., \$11,267,104, par of shares, \$100. After 4% dividends on both classes shall have been paid in any year, both shall participate equally in any further dividends for such year. The preferred has the right to elect a majority of the directors in case of failure for two successive years to receive 4% per annum.

BONDS.—The 1st gen. gold 4s of 1899 (\$27,000,000 authorized) are secured by a mtge. upon all the lines of railway, terminals, equipm't and other property acquired thereby, and also by deposit of all securities owned or acquired under the plan; in July 1906 \$2,240,050 were reserved to retire underlying bonds still outstanding. Of the generals, up to July 1906, \$892,000 were purchased in the open market and canceled. V. 75, p. 734, 1204; V. 77, p. 1236.

The stockholders May 8 1906 authorized a new bond issue to provide in part for cost of extension from Owen to Duluth and Superior, about 160 miles, and terminals, of which \$7,000,000, which were underwritten, were offered to stockholders at 89 and interest; \$1,500,000 being reserved for extension and improvement of terminals. V. 82, p. 806, 930, 1103.

EARNINGS.—For 2 months ending Aug 31:

2 Mos.—	Gross.	Net.	Oth. Inc.	Interest, &c.	Bal., sur.
1906	\$1,291,337	\$518,247	\$732	\$305,169	\$213,810
1905	1,232,398	484,181	4,650	299,796	189,035

REPORT.—Report for year ending June 30 1906 at length, was in "Chronicle" Oct. 20; see also editorial. Of the total freight traffic in 1900-01 (3,437,902 tons) 27.07% was iron ore and 26.83% lumber and forest products. Iron ore contributed 9.67% of the ton miles hauled and 8.57% of the freight earnings. Average rate per ton mile in 1904-05, 6.66 mills, against 9.71 mills in 1893-4.

	1905-06.	1904-05.	1903-04.	1902-03.
Gross earnings	\$7,118,576	\$6,650,883	\$6,466,176	\$6,651,862
Operating expenses	4,542,476	4,374,336	4,342,439	4,205,993
Net earnings	\$2,576,100	\$2,276,547	\$2,123,737	\$2,445,869
Total net income	\$2,606,927	\$2,319,384	\$2,174,933	\$2,484,299
Fixed chgs., taxes, &c.	1,804,739	1,763,541	1,750,686	1,760,227

Sur. for the 12 mos.— \$802,188 \$555,843 \$424,247 \$724,072

DIRECTORS.—Geo. M. Cumming (Chairman), T. L. Chadbourne Jr., F. E. Dewey, G. C. Rasmus, Mark T. Cox and Fred T. Gates, New York; W. A. Bradford Jr., Cincinnati; G. A. Fernald, Boston; John F. Hill, Augusta, Me.; Henry C. Starr, Richmond, Va.; Wm. F. Vilas, Madison, Wis.

OFFICERS.—Chairman of the Board, Geo. M. Cumming; Pres., W. A. Bradford; Comptroller and Auditor, Robert Toombs, Milwaukee; Treasurer, William R. Hancock, Milwaukee; Sec., Chas. M. Morris, Milwaukee; Asst. Sec., Joseph S. Dale, New York. New York office, 52 William St.—(V. 82, p. 1103, 1214, 1324; V. 83, p. 627, 819, 891.)

WISCONSIN & MICHIGAN RY.—Owns from Quinnesec, Mich., to Peshtigo, Wis., 73 miles; trackage, 8 m. In May 1904 logging railway Pembine, Wis. westerly 42 m., was purchased. V. 73, p. 2013. From Peshtigo cars are taken by Lake Michigan Car Ferry Transportation Co. to Chicago. Stock, \$951,500; authorized June 1905 to be increased to \$5,000,000; par value, \$100; current liabilities June 30 1903, \$1,440,229. Last coupon on 1st mtge. bonds paid was that maturing July 1 1898. Pres., J. P. Hopkins, Chicago.—(V. 81, p. 560, 842.)

WISCONSIN MINNESOTA & PACIFIC RR.—(See Map Chicago Great Western.)—Red Wing, Minn., to Maukato, 95.7 miles; Red Wing to Osage, Ia., 118.2 m.; branch to Clay Banks, 2.9 m.; Winona to Simpson, Minn., 54.2 m.; total, 271 miles. Stock, \$5,893,400; all owned by the Chicago Great Western Ry., which company operates the road as a part of its system under an agreement dated Apr. 1 1901, running for 100 years, providing that all net earnings above interest on bonds shall go to the Great Western, to be held in trust for payment of future coupons. This surplus on June 30 1906 amounted to \$445,845. V. 73, p. 566.

REPORT.—For the year ending June 30 1906 (271 average miles), in V. 83, p. 631, shows: Gross, \$711,083; net, \$322,075; interest, \$231,840; bal., sur., \$90,235.—(V. 73, p. 844; V. 80, p. 1858; V. 81, p. 213.)

WORCESTER NASHUA & ROCHESTER RR.—Owns from Worcester via Nashua to Rochester, 94 miles. Leased for 50 years from Jan. 1 1886 to the Boston & Maine; rental, \$250,000 and taxes. V. 81, p. 1794.

DIV'DS. 1 '87 '93 '94-'97 '98. '99. '00. '01. '02. '03. '04. '05. 1906

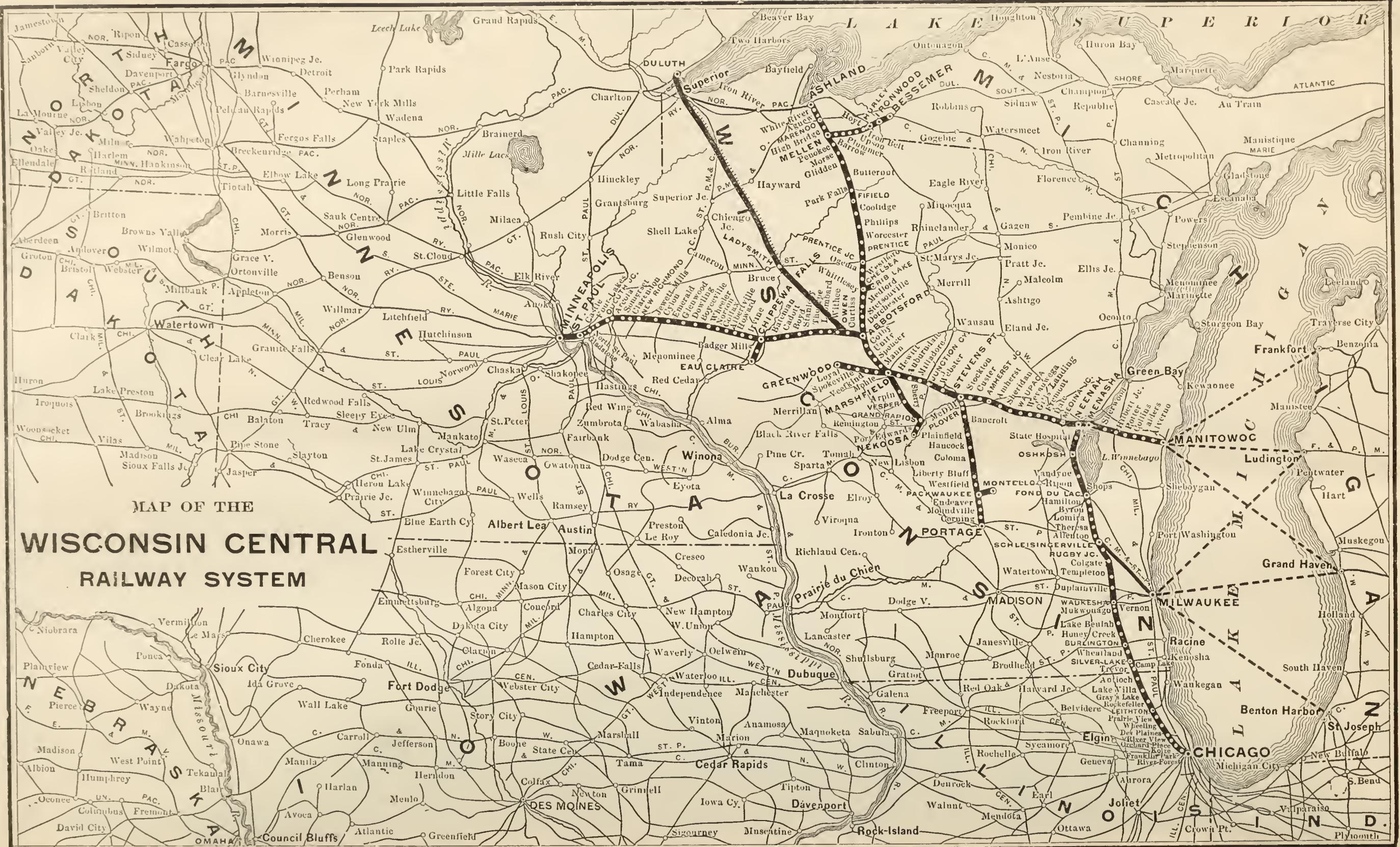
Per cent. .... 6 yrly. 5 yrly. 5 1/2 4 1/2 4 5 1/2 4 1/2 5 1/2 5 1/2

WRIGHTSVILLE & TENNILLE RR.—Tennille, Ga., to Hawkinsville, 76 miles. V. 69, p. 189. In July 1906 the entire stock (\$200,000) of the Dublin & Southwestern, Dublin to Eastman, Ga., 31 miles, was acquired, but the road is operated separately. V. 83, p. 39. Stock, common, \$230,000; pref., \$70,000; par, \$25. Central of Georgia owns all pref. and \$104,300 common.

Dividends, long 6 to 7% yearly; 1904, Jan. 1, 4%; June 30, 3%; 1905, June, 6% (incl. 3% extra); 1906, Jan., 6% (incl. 3% extra); July, 5% (incl. 2 extra). For year to June 30 1906, gross, \$199,521; net, \$56,868; other income, \$3,609; dividends (11%), \$33,000; bal., sur., \$29,477. In 1904-05, gross, \$186,225; net, \$72,350. Pres., A. F. Daly, Tennille, Ga.—V. 77, p. 695, 1534; V. 83, p. 39.)

YELLOWSTONE PARK RR.—Under construction in Oct. 1906 from Bridger, Mont., to Cook City, with branches, a total of 125 miles, of which 22 miles from Bridger to the Bear Creek coal fields were graded. Stock authorized, common, \$2,250,000; preferred, 6% cum., \$750,000; par of shares, \$50. Outstanding, common, \$324,000; preferred, \$108,000. Of the bonds \$432,000 were issued on 22 miles, the balance being issuable at \$24,000 per mile. V. 81, p. 1494. Pres., Frank A. Hall; Sec. and Treas., George J. Atkins.—(V. 81, p. 1494.)

YOSEMITE VALLEY RR.—Under construction from Merced, Cal., to the Yosemite National Park, 82 miles, of which 39 miles in operation, balance to be Jan. 1907. Stock, \$5,000,000, all outstanding; par, \$100. Of the bonds (\$3,000,000 authorized), \$1,500,000 has been issued, remaining reserved for completion of road. V. 82, p. 511, 930; V. 83, p. 000. Pres., Frank G. Drum; Sec., Julius H. Ellis. Office, Mills Bldg., San Francisco, Cal.—(V. 82, p. 511, 930.)



MAP OF THE  
**WISCONSIN CENTRAL**  
 RAILWAY SYSTEM

# INDUSTRIAL AND MISCELLANEOUS COMPANIES.

MISCELLANEOUS. For explanation of column headings, &c., see notes on first page of tables.	Date of Bonds	Size, or Par Value.	Amount Outstanding	INTEREST OR DIVIDENDS.			Bonds—Principal, When Due. Stocks—Last Dividend.
				Rate %	When Payable.	Where Payable, and by Whom.	
Adams Express—Stock—120,000 sh.—par not fixed, treated as collateral trust mortgage, gold	1898	500 &c	\$12,000,000	See text.	J & D	59 Broadway, N Y	June 1 '06, 4 %
Allis-Chalmers—Common stock, \$25,000,000		100	19,820,000	4 g	M & S	Mercantile Trust Co, N Y	Mch 1 1948
Pref, 7 % cum (as to assets & div), \$25,000,000, text		100	16,150,000	See text.	Q—M	71 Broadway, N Y	Feb 1 '04, 1 1/4 %
Bullock Elec Mfg, pref stk (also as to assets), 6 % cum		100	1,170,000	6	Q—J	do do	Oct 1 '06, 1 1/2 %
First M \$15,000,000 gold sink fund red at 110 beg 1916 ACc*	1906	1,000	See text	5 g	J & J	New York	July 1 1936
Alabama Consol Coal & Iron—Common stock, \$2,500,000		100	2,500,000	See text.	See text.		Oct 1903, 1 %
Pref. stock, 7 % cum		100	1,250,000	7 in 1905	Q—M		Sep 1 '06, 1 1/4 %
1st mtge, red after May 1906 at 105, s f	1901	1,000	461,000	6	M & N	St Louis Union Tr, St L	May 1 1911
Collateral M, \$3,500,000, gold	1904	1,000	1,760,000	5 g	M & N	Intern Trust Co. Balt	May 1 1933
Amalgamated Copper—Stock, \$155,000,000		100	153,888,000	See text.	Q—F	Checks mailed	Aug 27 '06 1 1/4 %
American Agricul Chemical Co—Stock, com, \$20,000,000		100	17,215,600				
Pref 6 % cum (as to assets and div), \$20,000,000		100	18,153,000	6 in 1906	A & O	Office, 26 B'way, N Y	Oct 1 '06, 3 %
Notes, \$2,500,000, redeemable 101 1/2	1905	5,000	2,500,000	4 1/2	M & S		Mch 1 1908
American Bank Note—See United Bank Note Corporation							
American Beet Sugar—Common stock, \$15,000,000		100	15,000,000				
Pref stock, 6 %, also assets, non-cumulative, \$5,000,000		100	4,000,000	6	Q—J	Checks mailed	Oct 1 '06, 1 1/2 %
Certs of indebtedness, \$3,000,000, red at par Feb 1908	1905	1,000 &c	3,000,000	6	M & S	32 Nassau St., N Y	Mch 1 1910
American Brake Shoe & Foundry—Com stock, \$3,000,000 au		100	1,500,000	4 in 1906	Q—J	Checks mailed	Oct 1 '06, 1 %
Preferred stock, 7 % cumulative, \$3,000,000		100	3,000,000	7 in 1906	Q—J	do	Oct 1 '06, 1 1/4 %
First mtge, gold, s f, red, text	1902	1,000	924,000	5 g	M & S	Farmers' L & Tr Co, N Y	Mch 1 1952
American Can—Common stock		100	41,233,300				
Pref stock, 7 %, cumulative		100	41,233,300	5 in 1906	Q—J	Checks mailed	Oct 1 '06, 1 1/4 %
American Car & Foundry—Common stock, \$30,000,000		100	30,000,000	See text.	Q—J	Guaranty Trust Co, N Y	May 2 '04, 1 1/2 %
Pref stock, 7 %, also assets, non-cum, \$30,000,000		100	30,000,000	7	See text.	do do	Oct 1 '06, 1 1/4 %
American Cement—Stock, \$2,000,000		10	2,000,000	6 in 1906	J & J	Checks mailed	July 21 '06, 3 %

**ADAMS EXPRESS.—ORGANIZATION.**—An association formed in 1854 but not incorporated, operating on about 35,000 miles of railroad, including Penn., C. B. & Q., Ches. & Ohio, N. Y. N. H. & H., etc.

**BONDS.**—In 1898 treasury securities were pledged with Mercantile Tr. Co. to secure (subject to prior indemnification of shareholders from any loss by reason of personal liability) \$12,000,000 of 4 % bonds. These last were then distributed as a 100 % dividend. V. 66, p. 470.

**DIVIDENDS.**—Long 8 % yearly, but reduced in 1898, on payment of 100 % div. in bonds, to 4 %; in Dec. 1900, to June 1906, 8 % yearly, and Mar. 1903 to 1906, incl., 2 % extra each from sale of certain real estate. —(V. 76, p. 436; V. 77, p. 90; V. 78, p. 704; V. 82, p. 102; V. 83, p. 40.)

**ALABAMA CONSOLIDATED COAL & IRON CO.—ORGANIZATION.**—Incorporated in N. J. July 18 1899. Acquired iron and coal properties near Birmingham and Gadsden, Ala. V. 82, p. 391, 694. In Feb. 1905 the International Power Co. acquired control. V. 80, p. 653.

**DIVIDENDS.**—Div. on common, 1 %, paid Oct. 1903; none since. On pref. Feb. 1900 to Nov. 1900, 1 1/4 % quar.; March 1901, to Sept. 1906, 1 1/4 % quar. (Q.-M.)

Of the consol. collat. 5s of 1904 \$1,500,000 has been issued in exchange for \$1,250,000 preferred stock and working capital, per plan V. 79, p. 105. \$1,250,000 has been canceled, \$490,000 is reserved to take up old 6s.

**EARNINGS.**—For 5 months ending April 1 1906 earnings were \$218,549. V. 82, p. 1103.

**REPORT.**—Report for year ending Oct. 31 1905 in "Chronicle," Jan. 27, showed: Gross, \$3,555,644; net, \$559,461; charges, \$147,984; div. on pref. (7 %), \$87,500; bal., sur., \$323,977.

**OFFICERS.**—Pres., T. G. Bush; Vice-Pres., J. H. Hoadley; Sec., and Treas., W. M. Hoagland. Office, Birmingham, Ala.; N. Y. office, 74 Broadway.—(V. 80, p. 1172, 2400; V. 82, p. 50, 391, 694, 1103.)

**ALBEMARLE & CHES. CANAL.**—Owns canal between Chesapeake Bay and Albemarle Sound, 14 miles. Stock is \$558,200 (\$100 shares). Dividends in 1893-96 each 1 1/2 % yearly; in 1897, none; in Feb. 1898, 1 1/2 %; none since. Bonds, \$500,000 1st M. 4s (formerly 7s), due July 1909. Non-cum. Income 3 % debentures (Central Trust Co., N. Y., trustee) \$115,000 due July 1 1909, issued per plan V. 77, p. 351, for the funded portion of interest on 1st mtge. bonds to date of maturity, and July 1902, coupon, canceled. (V. 77, p. 351.) See report, V. 74, p. 92; V. 72, p. 1035. In 1903-04, gross, \$32,544; net, \$19,412. Pres., Warren G. Elliott. Office, Norfolk, Va.—(V. 77, p. 351.)

**ALLIS-CHALMERS CO.—ORGANIZATION.**—Incorporated in N. J. on May 7 1901 to manufacture heavy engines, mining and other machinery, combining Edward P. Allis Co. and Frazer & Chalmers. V. 72, p. 874, 937, 990. In July 1906 extensive additions to Milwaukee plant were approaching completion. V. 80, p. 1858; V. 81, p. 266; V. 82, p. 1440; official statement, V. 83, p. 90. Stock, &c., V. 74, p. 1144.

In 1904 entered upon the electrical, turbine and gas engine field, owning common stock of Bullock Electrical Mfg. Co., the pref. stock of the latter (\$1,500,000 authorized) being guaranteed 6 % dividends, payable quarterly beginning Jan. 1906. V. 78, p. 1111, 2439; V. 80, p. 713; V. 81, p. 839, 1101; V. 81, p. 1494, 1792; V. 82, p. 1440. Litigation, V. 82, p. 453.

**PREF. DIVS.**—July 1901 to Feb. 1904 7 % yearly; none since. **STOCK, ETC.**—Preferred entitled to 7 % cumulative dividends and a further preference of 1 % non-cum. after 7 % on common, into which it is convertible, \$ for \$, on May 1 till 1921; no bonds.

**BONDS.**—Of the new bonds (\$15,000,000 auth.), stockholders in Aug. 1906 subscribed for \$902,000 at 80 and \$9,648,000 were sold to a syndicate (payments therefor extending over 6 to 8 months), to pay in part for additions to the Milwaukee plant, the Bullock Electrical Works and to provide additional working capital. The bonds have been underwritten. They are to be canceled in amounts increasing yearly and providing for total amount at or before maturity. See V. 82, p. 1440, 1498, and official statement, V. 83, p. 90, 157, 437, 623.

**REPORT.**—Fiscal year ends June 30. Report for the year ending June 30 1906 was given in V. 83, p. 623, showing: Deficit under maintenance and depreciation (\$1,036,583), \$388,421; total surplus June 30 1906, \$157,481. Directors: E. D. Adams, Edmund C. Converse, Mark T. Cox, Joseph S. Neave, Edwin Reynolds, Wm. W. Allis, Wm. J. Chalmers, Elbert H. Gary, Wm. A. Read, Cornelius Vanderbilt, Charles Allis, George Bullock, James H. Eckels, Max Pam and Walter H. Whiteside. Chairman of Board, E. H. Gary; Chairman of Ex. Com., E. D. Adams. Pres., Walter H. Whiteside; Vice-Pres. and Sec., W. W. Nichols; Treas., Henry Woodland; Comptroller, L. F. Bower. Office, 71 B'way, N. Y.—(V. 83, p. 563, 623.)

**AMALGAMATED COPPER CO.—ORGANIZATION, ETC.**—Incorporated on April 27 1899 in New Jersey, and purchased control as follows:

Majority stock acquired—	Capital stock.	Par val.	'99	'00	'01	'02	'03	'04	'05
Anac. Cop. M. (V. 78, p. 2013)	\$30,000,000	\$25	13	16	13	4	4	4	8
Bos. & Mont. Con. Cop. & Sil. M.	3,750,000	25	144	172	140	24	32	256	160
Butte & Boston Con. Min	2,000,000	10	—	50	—	—	—	—	10 (?)
Parrot Silver & Copper Co.	2,298,500	10	39	60	35	5	—	—	10 20
Hennessy Mercantile Co	1,500,000 (?)	(?)	(?)	(?)	(?)	(?)	(?)	(?)	(?)

Also acquired all the following stocks: Washoe Copper Co., \$5,000,000; Colorado Smelting & Mining Co., \$2,500,000; Diamondville Coal & Coke Co., \$1,500,000; Big Black Foot Milling Co., \$700,000; and controls timber lands, coal mines, railways, real estate, etc., having estimated value of \$50,000,000 over all liabilities. Compare V. 72, p. 1281; V. 80, p. 2394.

**STOCK** increased June 1901 from \$75,000,000 to \$155,000,000, to purchase Boston & Montana and Butte & Boston; V. 72, p. 1082; balance unused reserved to acquire remaining shares. In Feb. 1906 the leading mines of the United Copper Co. were acquired by Amalgamated interests and associates, the litigation between the rival interests being settled. V. 82, p. 393, 570. As to United Metals Selling Co., see V. 76, p. 332; V. 81, p. 1855.

**BONDS.**—Only bonds are Bos. & Mont. 7s, \$200,000, due \$100,000 Nov. 1, yearly to 1907, and Butte & Bos. 6s, \$1,500,000, due April 1 1917. V. 72, p. 1281. See V. 71, p. 545. See V. 72, p. 777.

**DIVIDENDS.**—'99. '00. '01. '02. '03. '04. '05.  
Per cent ———— 2 8 7 1/2 2 1/2 2 2 4 1/2

In 1906, Feb., 1 1/2 %; May and Aug., 1 1/2 % and 1 1/2 % extra. V. 82, p. 930. Report for year ending April 30 1906 was in V. 82, p. 1320, showing net income, \$9,161,537; dividends (5 3/4 %), \$8,848,554; bal., sur., \$312,983. Report of Anaconda Co. for calendar year 1905 was in V. 82, p. 1153.

**EARNINGS** of const. cos. year ending June 1 1906. V. 82, p. 1373, 1494.

**OFFICERS.**—Pres., Henry H. Rogers; Sec. and Treas., A. H. Mellin. Directors: H. H. Rogers, Wm. Rockefeller, George H. Church, A. R. Flowe, H. H. Rogers Jr., Robert Bacon, Jas. Stillman and A. C. Burrage. Office 42 B'way, N. Y.—(V. 82, p. 1373, 1394, 1498; V. 83, p. 753.)

**AMERICAN AGRICULTURAL CHEMICAL CO.—ORGANIZATION.**—Incorporated in May 1899, in Connecticut, under special charter, and acquired control of fertilizer companies (including Listers' of Newark) named in V. 68, p. 974, and V. 72, p. 672; V. 73, p. 664; V. 75, p. 241, 292, 440; V. 76, p. 867; V. 77, p. 399. See V. 71, p. 545. In 1905 sold \$2,500,000 4 1/2 % notes. V. 80, p. 653. They must be retired before any mtge. is made on property as owned March 1 1905.

**DIVIDENDS** on pref. to Oct. 1906, 6 % yearly (A. & O.). **REPORT.**—Report for year ending June 30 1906 in V. 83, p. 377, showed: Total net income, \$2,553,687; improvements, betterments, &c., \$779,372; div. on pref., 6 %, \$1,074,090; balance, \$700,225.

**Directors.**—Robert S. Bradley (Chairman), Peter P. Bradley (Pres.), James M. Gifford (1st V.-P.), Albert French (2nd V.-P.), Wm. Prescott (3rd V.-P.), Thos. A. Doe (Treas.), John F. Gibbons, Wm. H. Grafflin, Geo. C. Bingham, Wm. H. Burtenshaw, Samuel Carr, W. C. Noyes, J. F. Kehoe, Cord Meyer, H. S. Zeil, Marcellus E. Wheeler, Geo. Beck, Wm. H. Bowker, W. W. Baker, D. Crawford Clark and L. B. Curtis. N. Y. office, 26 Broadway.—(V. 80, p. 653, 873; V. 81, p. 724, 976; V. 83, p. 377, 627, 689.)

**AMERICAN BANK NOTE.**—See UNITED BANK NOTE CORP.

**AMERICAN BEET SUGAR CO.**—Incorporated on March 24 1899. Dividends paid from Oct. 1899 to Oct. 1906, both inclusive, 6 % yearly (1 1/2 % Q.-J.) See prospectus in V. 68, p. 280, 616; "Beet Sugar" item, V. 69, p. 1249. Certificates of indebtedness, V. 82, p. 570, 1099. Report for year ending March 31 1906 in V. 82, p. 1099, showed: Total income, \$4,369,814; profit from operation, \$1,422,010; cost of maintenance, \$513,848; profit of campaign, \$908,162; expenses and interest, \$355,004; div. on pref. (6 %), \$240,000; improvements, \$88,418; bal., sur., \$224,740. Pres., Robert Oxnard; Treas., J. E. Tucker, 32 Nassau St., N. Y.—(V. 80, p. 1911; V. 82, p. 570 1099.)

**AMERICAN BRAKE SHOE & FOUNDRY CO.—ORGANIZATION.**—Incorporated in New Jersey on Jan. 28 1902. A consolidation of various companies. See list V. 74, p. 579; V. 79, p. 2087. Manufactures about 150,000 tons of brake shoes used on steam and electric cars and steel castings. Extensions and improvements proposed in 1906. V. 82, p. 453.

**DIVIDENDS.**—On pref. in full to Oct. 1906, inclusive (Q.-J.). On common, in 1903, Jan., 1 %; July, 1 %; Oct., 1904, 1 %; in 1905, 4 % (Q.-J.); 1906, 4 % (Q.-J.)

**BONDS.**—Bonds may be drawn for a yearly sinking fund of \$20,000 payable June 1, beginning 1903, during 1st ten years at 110, 2nd ten years at 105, thereafter at par. V. 76, p. 655.

**OFFICERS.**—Pres., Otis H. Cutler; 1st Vice-Pres., Joseph D. Gallagher; 2nd Vice-Pres., Joseph B. Terbell; Sec. and Treas., Henry C. Knox. Office, 170 Broadway, New York.—(V. 82, p. 453; V. 83, p. 494.)

**AMERICAN CAN CO.—ORGANIZATION.**—Incorporated in New Jersey on March 19 1901 as a consolidation of about 100 concerns. See V. 72, p. 582. In 1903 operated 31 can factories, one or two machine shops and two tinning plants. V. 76, p. 969. New plants Jan. 1906 V. 81, p. 669; V. 82, p. 162.

**DIVIDENDS.**—On pref., 2 1/2 % Sept. 1903; 1904, 5 % (A. & O.); since to Oct. 1906, incl., 5 % yearly (Q.-J.).

Fiscal year now ends Dec. 31. Report for 9 mos. ending Dec. 31 1905 in V. 82, p. 332, showed net, \$2,311,417; div. on pref. (3 3/4 %), \$1,546,249; bal., sur., \$765,168.

**Directors.**—D. G. Reld (Chairman), W. T. Graham (Pres.), F. S. Wheeler (Treas.), R. H. Ismon (Sec. and Asst. Treas.), W. H. Moore, W. B. Leeds, Geo. G. McMurtry, W. F. Dutton, R. L. Skofield, Jas. MacLean, O. H. Bogue, H. W. Phelps, J. H. Moore, F. Rudolph and Geo. T. Boggs. (V. 82, p. 162, 332, 336.)

**AMERICAN CAR & FOUNDRY.—ORGANIZATION, ETC.**—Incorporated in New Jersey on Feb. 20 1899, as a consolidation. Manufactures freight and passenger cars of wood and steel. V. 68, p. 280, 377, 1029; V. 71, p. 86, 545; V. 73, p. 958; V. 82, p. 694.

**DIVIDENDS** on com- '00. '01-02. '03. —1904—None mon ———— 1 % 2 yearly 4 % Feb. 1/2; May, 1/2 since

On pref., 1 1/4 % quar. to May 1905, inclusive; in July, 1 1-6 %, for 2 mos., owing to change of period; Oct. 1905 to Oct. 1906, incl., 1 1/4 % quarterly. For 3 months ending July 31 1906, net, \$1,657,054, against \$625,311 in 1905.

Report for year ending April 30 1906 was in V. 82, p. 1494, showing net earnings, \$3,807,660; dividends on preferred stock (8 1-6 %), \$2,450,000 including 1 1-6 % paid July 1 1905 to make dividend periods conform to fiscal year; surplus, \$1,357,660.

**Directors.**—W. K. Bixby, Frederick H. Eaton (President), W. J. McBride (1st V.-P.), E. F. Carey (2nd V.-P.), S. S. Delano (Treas.), Adolph Busch, T. H. West, J. M. Bulck, Geo. H. Russell, W. G. Oakman, H. R. Duval, J. B. Haggin, W. H. Woodin, Gerald L. Hoyt, W. M. Hager, C. R. Woodin and W. N. McMillan. N. Y., 25 Broad St.—(V. 83, p. 563.)

**AMERICAN CEMENT.**—A consolidation in 1899; incorp. in N. J. Prospectus, V. 69, p. 1249. Controls Reliance Portland Cement Co., having \$500,000 common and \$300,000 7 % pref. stock and \$600,000 first mtge. 6 % 20-year s. f. bonds. Int. on bonds, sink. fund (\$15,000 yearly) and dividends on pref. guaranteed. V. 80, p. 2221; V. 81, p. 181.

Dividends 1900 to 1903, both incl., 8 % yearly (2 extra); 1904, 7 % (1 extra); 1905 and 1906, 6 % yearly (J. & J.). Report for 1906, V. 82, p. 626. Bonds, \$792,000 1st mtge. and coll. tr. gold 5s, due Oct. 1 1914, s. f. \$30,000 yearly; Int. A. & O. at Girard Trust Co., Philadelphia, trustee. Pres., Robt. W. Lester; Treas., Frederick J. Jiggins, 42 So. 15th St., Phila. Seaboard Cement Co., see V. 77, p. 252, 2392.—V. 82, p. 626.)

**AMERICAN CHICLE CO.—ORGANIZATION.**—Incorp. in N. J. on June 2 1899, and consolidated the leading chewing gum interests. V. 68, p. 871, 1130; V. 77, p. 197; V. 83, p. 152. See V. 71, p. 545. Div.: On pref., Oct. 1899 to Oct. 1906, 1 1/2 % quar. (6 % per annum). Common, 1 1/2 % Oct. 1899; 1900, 9 %; 1901, 8 %; 1902, Jan., 2 %; April 1902 to Oct. 1906, both incl., 1 % monthly, and in May, July and Sep. 1906 1 % extra. Statement for year ending June 30 1906 was in V. 83, p. 152, showing: Profits, \$1,404,000, against \$1,224,000 in 1904-05; div. on pref. stock (6 %), \$180,000; div. on common stock (13 %), \$780,000; bal., sur., \$444,000. Total accumulated surplus was about \$1,759,000. Pres., W. J. White, Cleveland; Sec. and Treas., H. Rowley. Office, Royal Bldg., Fulton and William Sts., N. Y.—(V. 81, p. 266, 989, 1140; V. 83, p. 152, 437.)

**AMERICAN CIGAR CO.**—Controlled by American Tobacco Co., which guarantees the 4 % gold notes; see V. 74, p. 1113; V. 78, p. 1593. Common stock, \$10,000,000, all issued; pref. 6 % cum., \$10,000,000, was issued in Dec. 1905. V. 81, p. 1725. Properties owned, including Havana American Co. V. 72, p. 185, 284, 957, 1037; V. 73, p. 958; V. 75, p. 1255. Report for calendar year 1905, V. 82, p. 560, showed net earnings

MISCELLANEOUS. For explanation of column headings, &c., see notes on first page of tables.	Date of Bonds	Size, or Par Value.	INTEREST OR DIVIDENDS.				Bonds—Principal, When Due. Stocks—Last Dividend.
			Amount Outstanding	Rate %	When Payable.	Where Payable, and by Whom.	
American Chiclé—Stock, common, \$6,000,000		\$100	\$6,000,000	See text.	Monthly.	Royal Bldg, N Y	Oct 20 '06, 1%
Preferred, 6% cumulative, \$3,000,000		100	3,000,000	6 in 1906	Q—J	do do	Oct 1 '06, 1 1/2%
American Cigar—Gold notes, guar p & l, red 102 1/2	1901-2	1,000	10,000,000	4 g	M & S	15 Morton Trust Co, N Y	Sept 15 '11-12
American Coal—Stock		25	1,500,000	10 in '06	M & S	Office, 1 Broadway, N Y	Sept 1906, 5%
American Cotton Oil—Common stock, \$20,237,100		100	20,237,100	See text.	See text.	Winslow L & Co, N Y	Dec 1 '05, 1%
Pref stock, 6% non-cum, sub to call at 105, \$14,562,300		100	10,198,600	6 in 1905	J & D	do do	June 1 '06, 3%
Debentures, extended in 1900 (V. 71 p. 2374, 1010)	1890	1,000	5,000,000	4 1/2 g	Q—F	do do	Nov 1 1915
American Dist Tel Co of N J—Stock, \$10,000,000 authorized		100	9,751,100	4 in 1906	Q—J	Treas office, 195 B'y, NY	Oct 22 '06, 1%
N Y Fire Prot 1st M, gold, int & s f guar, red par	1905	1,000	100,000	4 g	M & S	Guardian Tr Co, N Y	Sept 1 1954
American District Telegraph of N Y—Stock, \$4,000,000		100	3,844,700	2 in 1905	M & N	Treas office, 6 Dey St, NY	May 15 '06 1%
American Express—Stock		100	18,000,000	See text.	See text.	Office, 65 Broadway, NY	Oct 1 '06, 3%
American Graphophone Co—Common stk, \$7,500,000 auth.		100	1,802,000	See text.	Q—M15	Office, 90 W B'dway, N Y	Sept 15 '06, 1 1/2%
Pref stock, 7% non-cum, \$2,500,000		100	2,047,890	7 in 1906	Q—F15	do do	Nov 15 '06, 1 1/2%
Debentures, convertible into preferred stock		100 &c	113,200	5		R Winthrop & Co, N Y	1915-1918-1923
Coupon notes, convertible into pref stock, redeemable 105		100 &c	284,900	6		do do	1906-1909
American Grass Twine—Stock		100	15,000,000	See text.	See text.		Jan '03, 2 1/2%
American Hide & Leather—Common stock, \$17,500,000		100	11,274,100				
Pref, also assets, 7% cum, \$17,500,000 (V 76, p. 104)		100	12,548,300	See text.	Q—F	Colonial Trust Co, N Y	Aug 15 '05, 1%
1st M, \$10,000,000, g, s f, subject to call at 115. Col. c*	1899	1,000	7,425,000	6 g	M & S	do do	Sept 1 1919
American Ice Securities—Stock, all of one class, \$20,000,000		100	18,996,800				
Debentures, \$3,000,000, redeemable at par	1905		2,782,930	6	A & O	Knickerbocker Tr Co, NY	April 1 1925
American Ice Co collateral trust bonds, gold (\$5,000,000) Ce	1902	1,000	1,970,000	5 g	A & O	Central Trust Co, N Y	April 1 1922
American Iron & Steel Mfg—Common stock		50	2,550,000	8 in 1906	Q—J		Oct 1 '06, 2%
Preferred stock, 5% cumulative		50	3,000,000	5 in 1906	Q—J		Oct 1 '06, 1 1/2%
American Light & Traction—Common stock, \$15,000,000		100	6,738,700	See text.	Q—F		Aug 1 '06, 1 1/2%
Preferred stock, 6% cumulative, \$25,000,000 authorized		100	14,176,700	6 in 1905	Q—F		Aug 1 '06, 1 1/2%

Ings over expenses and charges, \$1,032,857. Pres., J. B. Cobb; Sec., W. S. Luckett. Office, 111 Broadway, N. Y.—(V. 82, p. 566.)

**AMERICAN COAL.**—Mines at Barton and Lonaconing, Md. Incorporated in Maryland; re-incorporated in 1903 in New Jersey. V. 80, p. 118. DIVIDENDS—'94. '95. '96. '97. '98. '99. '00. 1901 to Sept. 06. (%) ----- 6 1/2 7 8 8 9 10 9 10 yearly (M. & S.)

Also 20% paid Jan. 1903 from sale of real estate. For year ending Dec. 31 1905 net, \$230,066; dividends (10%), \$150,000. Office, No. 1 Broadway.—(V. 80, p. 653.)

**AM. COTTON CO.**—July 1904, Sec.; V. 80, p. 1973; V. 81, p. 509.

**AMERICAN COTTON OIL.**—Incorp. Oct. 14 1889, in N. J., to succeed Amer. Cotton Oil Trust. Has works in Southern cities, etc., for making crude and refined cotton oil, lard, soap, fertilizers, etc. V. 77, p. 1872.

DIVIDENDS.—'98. '99. '00. '01. '02. '03. '04. '05. Common, % ----- 3 4 3 1/2 2 x6 x4 Dec. 1 Dec. 1 Preferred, % ----- 6 p. c. yearly to date. (Pool expired July 22 1905.) x Includes 2 p. c. paid in the following June.

**REPORT.**—Report for 1904-05 at length in V. 81, p. 1490, 1498, showed profits \$1,180,382 after meeting expen. of administration, interest, etc.; int. on deb. bonds, \$165,000; balance, net income, \$1,015,382; dividends on pref. (6%), \$611,916; div. on common (1%), \$202,371; bal., surplus for year, \$201,095, against \$30,584 in 1903-04. Profits; year 1902-03, \$1,665,081; '03-04, \$979,835; '04-05, \$1,180,382.

**OFFICERS.**—Chairman of Board, Geo. A. Morrison; Pres., Robert F. Munro; Sec. and Treas., Justus E. Ralph, 27-29 Beaver St., N. Y. Transfer agts., Winslow, Lanier & Co.—(V. 81, p. 1667; V. 83, p. 820.)

**AMERICAN DISTRICT TELEGRAPH CO. OF NEW JERSEY.**—ORGANIZATION.—Incorporated in New Jersey in Nov. 1901; operates in most of the large cities and towns in the U. S. except New York City. Has 25-year contract with the Western Union Telegraph Co. for collection and delivery of messages and is also engaged in all kinds of electrical protective service. V. 77, p. 148; V. 81, p. 213. Dividends in 1903, Apr., July and Oct., 1 1/4% each; since to Oct 1906, 4% yearly, Q.—J. See V. 78, p. 704. N. Y. Fire Prot'g Co. guar. bonds. V. 81, p. 778.

Report for year ending Dec. 31 1905 in V. 82, p. 1435, showing, gross earnings, \$2,534,697; net, \$691,818; dividends (4%), \$390,049; bal., sur., \$301,769. Pres., Robert C. Clowry; Act. Sec., I. B. Ferguson; Treas., M. T. Wilbur.—(V. 81, p. 213, 778; V. 82, p. 394, 1435.)

**AMERICAN DISTRICT TELEGRAPH CO. OF NEW YORK.**—Annual report for year ending Dec. 31 1905 in V. 82, p. 1435, showing, gross, \$593,694; net, \$95,374; div. (2%), \$76,888; sur., \$18,486. DIVIDENDS.—'93. '94. '95. '96. '97. '98. '99. '00. '01. '02 to '05. 1906 (%) ----- 3 1/2 1 3 1 2 2 1/2 2 1/2 2 yearly May 1 Office, 6 Dey St., N. Y. City.—(V. 80, p. 1173; V. 82, p. 220, 1435.)

**AMERICAN EXPRESS.**—An "Association" formed under the laws of New York State in 1859 and 1868. Not an incorporated company. Operated in July 1905 on about 43,000 miles of railroad in the United States, including Boston & Maine, nearly all the Vanderbilt lines, Illinois Cent., &c. Dividends, 1882 to 1901, 6% per ann.; July 1901 to July 1906, 8% yearly, including 1% semi-annually from investments; in Oct. 1906 the rate was increased to 12% per ann., payable quarterly beginning Oct. 1, 6% of this to be from investments. Pres., J. C. Fargo; Treas., James F. Fargo, 65 Broadway.—(V. 79, p. 153; V. 82, p. 630; V. 83, p. 325, 494.)

**AMERICAN GRAPHOPHONE CO.**—ORGANIZATION.—Incorporated in West Virginia in 1887. Owns the Columbia Phonograph Companies, which are its selling agents. V. 70, p. 790. Also owns The Burt Co. V. 81, p. 669. Principal factory, Bridgeport, Conn.; also has plants in England and France. History of co. May 1 1893 to Sept. 30 1899, V. 70, p. 790.

**STOCK, &c.**—In Jan. 1906 authorized stock was increased from \$5,000,000 to \$10,000,000, of which \$7,500,000 common and \$2,500,000 pref. Par value was changed from \$10 to \$100. Pref. stock is 7% non-cum. After 7% is paid on both stocks, the two classes share ratably. Mortgage on factory real estate, \$100,000

DIVIDENDS.—'96. '97. '98. '99. '00. '01. '02. '03. '04. '05. 1906. Preferred % ----- 7 7 7 7 1/4 8 7 3/4 7 7 7 7 7 Q—F Common % ----- 3 5 1/2 7 7 1/4 8 6 0 0 3 4 Incl. Sep. 3 1/2

**REPORT.**—For year ending Sept. 30 1905, in V. 82, p. 98, showed: Net income, \$803,643, against \$729,925 in 1903-04; interest, \$59,179; maintenance, \$64,266; current depreciation, \$50,649; div. on pref. (7%), \$117,210; div. on common (4%), \$54,067; reserved for depreciation, &c., \$160,000 balance, surplus, \$298,272.

**OFFICERS.**—President, Edward D. Easton; Vice-Presidents, Wm. E. Bond, Geo. W. Lyle; Sec. and Ass't Treas., E. O. Rockwood; Treasurer, Chas. W. Cox. Office, 99 West Broadway, N. Y.—(V. 82, p. 102, 282.)

**AMERICAN GRASS TWINE CO.**—ORGANIZATION.—Incorporated in Delaware on June 8 1899. Official statement showing properties owned, V. 73, p. 1262; V. 74, p. 96; V. 75, p. 31, 187, 1305; V. 77, p. 1295.

Dividends, 1902, 3 1/2%; 1903, Jan., 2 1/2%; none since. In Jan. 1905 about \$650,000, representing unearned dividends paid by former directors, was turned into the treasury. V. 80, p. 224. Protective committee of stockholders (Solomon Turk, chairman), V. 83, p. 215. Underlying bonds \$36,000. Wisconsin Grass Twine 6s due Jan. 1 1907. Balance sheet Dec. 31 1905, V. 82, p. 927. Directors, March 1906, V. 82, p. 630. Pres., John M. Robinson; Sec., W. A. Pfell, 377 Broadway, N. Y.—(V. 83, p. 215.)

**AMERICAN HIDE AND LEATHER CO.**—ORGANIZATION.—Organized in New Jersey in 1890. V. 69, p. 493. In Jan. 1901 sold to control about 75% of the upper leather output of the country, including companies mentioned in V. 68, p. 925, except Webster & Co. and R. Suhm L. Co. See V. 70, p. 77, and application to list V. 72, p. 673.

DIVIDENDS.—On pref., Feb. 15 1905 to Aug. 15 1% quarterly; none since to Oct. 1906. V. 81, p. 1316. Overdue divs. on pref. to Nov. 1906 about 46%.

**BONDS, ETC.**—Sinking fund of \$172,500 retires bonds Sept. 1 yearly, if purchasable at 115 or less, or if not will be invested in other securities. J. & W. Sellman & Co. financed the consolidation. Report for year ending June 30 1906 in V. 83, p. 561, showing earnings, including those of subsidiary companies, of \$1,181,784; interest on bonds, \$511,500; renewals, repairs, sinking funds, &c., \$425,895; div. on pref. (1%), \$125,483; bal., sur., \$118,905.

Directors.—Thomas W. Hall (Pres.), Theo. S. Haight (1st V. P.), Aaron Hecht (2nd V. P.), F. L. Roenitz (3rd V. P.), Chas. P. Hall (4th V. P.), Frederick Strauss, E. L. White, M. Robson, C. H. Buswell, Chas. W. Tidd, Henry Sellman, James Skinner, Geo. A. Hill (Sec. and Treas.), Thomas J. Ryan and Carl A. De Gersdorff. Office, 96 Cliff St., N. Y.—(V. 83, p. 561, 563.)

**AMERICAN ICE SECURITIES CO.**—ORGANIZATION.—Incorporated in N. J. on March 20 1905 and acquired \$23,105,200 of the \$23,871,100 common and \$14,212,700 of the \$14,920,200 preferred stock of the

American Ice Co., per plan V. 80, p. 601. The latter company owned most of the \$10,000,000 stock of the Consol. Ice Co. of N. Y. (see V. 65, p. 461) and the \$10,000,000 stock of the Knickerbocker Ice Co. of Maine. Transacts a wholesale and retail business in N. Y. City; Philadelphia, Pa.; Boston, Mass.; Baltimore, Md.; Washington, D. C.; Camden, Cape May and Atlantic City, N. J. See V. 81, p. 29; V. 77, p. 2337.

**BONDS.**—Of the Am. Ice Securities deb. 6s, \$298,490 remained on hand in March 1906, to take up the outstanding Amer. Ice Co. stock. Of the 5% collateral trust 5s of 1902 of the Ice Company, \$1,970,000 are outstanding and \$2,060,000 are issuable to retire \$2,067,511 underlying bonds and real estate mortgs. (of which \$391,950 were owned by the company); \$583,000 canceled and \$387,000 in treasury of Am. Ice Co.

**BONDS OF SUB-COMPANIES HELD BY PUBLIC** (V. 81, p. 29.)

Knickerbocker Ice Co., due Feb. 1 1906, \$741,000; Consumers' Ice Co., due May 1 1911, \$33,050; Maryland Ice Co., Baltimore, due March 1 1910, \$250,000; Hygienic Ice Co., Washington, due Jan. 1 1910, \$150,000; Independent Ice Co., Boston (V. 78, p. 1963), 5%, 1922 (M. & N.), \$385,000; Consumers Ice Co., Atlantic City (V. 83, p. 438), 1st 30-year gold 5s, dated Jan. 1902, red. after 5 yrs. at 105, guaranteed by Am. Ice Co.

**REPORT OF AMERICAN ICE CO.**—Report for year ending Oct. 31 1905, in V. 81, p. 47, showed: Gross receipts, \$7,311,060; net, over oper exp., etc., \$1,313,531; bal. over charges, \$487,084.

**Calendar Year.**— 1904 1903 1902  
Gross earnings ----- \$6,942,313 \$6,785,058 \$6,411,253  
Compare V. 77, p. 2337; V. 78, p. 585; V. 81, p. 29.

**DIRECTORS, ETC.** (Old Co.)—Wesley M. Oler (Pres.); Guy B. Johnson (Vice-Pres. and Treas.); Edward T. Bedford, Charles T. Barney, John A. Sletcher, John Greenough, Charles I. Hudson, John R. Bennett (Sec.), William G. Crenshaw Jr., R. M. Thompson and Miles M. O'Brien. Office, Broadway and 28th St., N. Y.—(V. 82, p. 1324; V. 83, p. 820.)

**AMERICAN IRON & STEEL MANUFACTURING.**—In Aug. 1899 absorbed properties at Reading and Lebanon, Pa. V. 71, p. 180. V. 74, p. 576. Stock, common, \$2,550,000, as reduced Feb. 1905, per plan V. 79, p. 2644; pref., 5% cum., \$3,000,000; par of shares, \$50. Divs. on pref., Jan. 1900, 1 2-3%; April 1900 to Oct 1906, 1 1/4% (Q.—J.). On com., 1900, \$1 per share; 1901, 55 cts.; 1902, Jan. 29, 15 cts.; May 28, 15 cts. Dividends on reduced common stock paid 2% quar. April 1 1905 to Oct. 1906, both inclusive. No bonds. Report for cal. year 1905 in V. 83, p. 268. Office, Lebanon, Pa.—(V. 80, p. 1176; V. 83, p. 268.)

**AMERICAN LIGHT & TRACTION CO.**—ORGANIZATION.—Incorporated in New Jersey May 13 1901, by Emerson McMillin and associates. V. 72, p. 724, 871, 987; V. 73, p. 235, and V. 75, p. 343. All of the stock of the Grand Rapids, Madison, St. Joseph, Lacombe, St. Paul and Binghamton (N. Y.) Gas Works is owned, and at least 97% of the stock of each of the remaining properties named below.

	Tot. stock issued.	Outstand'g bonds.	
Western Gas Co	\$4,000,000	\$6,000,000	V. 74, p. 482
Grand Rap. (Mich.) Gas Light Co	1,000,000	1,225,000	V. 64, p. 662
Madison (Wis.) Gas & Electric Co	400,000	450,000	
St. Joseph (Mo.) Gas Co	1,000,000	1,000,000	See page 178
St. P. (Minn.) G. Lt. Co. (V. 77, p. 2282)	2,500,000	x3,883,000	of this sec.
Binghamton (N. Y.) Gas Works	450,000	528,000	
Con. Gas Co. of N. J. (L. Bran., N. J.)	1,000,000	971,000	V. 75, p. 344
Detroit City Gas Co	5,000,000	6,311,000	See this sec.
Quebec Jacques Cartier Electric Co	500,000	849,000	
Southern Light & Traction Co	2,500	1,985,000	See "St. Ry."
Muskegon (Mich.) Trac. & Lighting Co	700,000	600,000	Section.
x See also \$750,000 St. Croix Power Co. guaranteed bonds, V. 73, p. 1014.			

**STOCK.**—Stockholders subscribed pro rata at par for \$179,725 new common and \$539,125 new preferred stock, payable Feb. 5 1906, and on Feb. 1906, \$1,679,725 common and \$4,539,125 preferred stock were issued to acquire the Detroit City Gas Co., Lacombe Electric Co. and Muskegon Traction & Lighting Co.; outstanding, see table above. V. 82, p. 50, 279.

DIVIDENDS.—Pref., Dec. 2 1901 to Aug. 1906, 6% yearly (paid Q.—F.). Div. on common, 1 1/4%, Nov. 1 1904; in 1905, 3 1/2%; in 1906, Feb., 1%; May, 1%; Aug., 1 1/4%.

**REPORT.**—Report for calendar year 1905, V. 82, p. 216.

Period covered.	Dividends received.	Other income.	Total income.	Preferred dividends.	Common dividends.	Balance surplus.
6 mos. end. June 30—						
1906	953,115	94,420	24,000	(3)425,982	(2)151,884	445,660
1905	474,964	74,117	16,500	(3)281,907	(1)81,914	168,760

**Year—**  
1905 ----- 1,222,785 150,835 37,153 (6)570,492 (3 1/2)176,836 588,839  
1904 ----- 1,007,001 144,503 18,993 (6)563,814 (2 1/2)105,318 463,379  
Pres., Emerson McMillin; V.—P. and Treas., L. P. Lathrop; Sec., James Lawrence. N. Y. Office, 40 Wall St. Directors, V. 73, p. 235.—(V. 82, p. 336, 630, 986; V. 83, p. 154, 215.)

**AMERICAN LINSEED.**—ORGANIZATION, ETC.—Incorporated on Dec. 5 1898 in N. J. V. 67, p. 1161; V. 69, p. 697. See V. 71, p. 545. For list of plants, etc., see V. 70, p. 631. Com. stock authorized, \$16,750,000, all outstanding; pref. stock as in table. In June 1901, Standard Oil interests acquired a majority of stock. V. 76, p. 216. Dividends on pref. June 15 1899 to Sept. 1900 aggregated 10 1/2%; none since.

**REPORT.**—Report for year 1900-01 was in V. 73, p. 662. Pres., John A. McGean; Sec., W. A. Jones. Main office, 100 William St., N. Y.—(V. 70, p. 1267.)

**AMERICAN LOCOMOTIVE CO.**—ORGANIZATION.—Incorporated in N. Y. on June 10 1901 as a consolidation of various companies (see list in V. 73, p. 80). V. 72, p. 1189; V. 73, p. 84, 186, 724; V. 83, p. 686. In 1904 the entire capital stock of the Locomotive & Machine Co. of Montreal was acquired (V. 78, p. 1111, 1303, 1448), and in Jan. 1905 of the Rogers Locomotive Works. V. 80, p. 474. Co-operates with Gen. Electric Co. in construction of electric locomotives; see V. 70, p. 1022. In 1905 began to manufacture automobiles. V. 80, p. 2459; V. 82, p. 282; V. 83, p. 686.

DIVIDENDS, &c.—Dividend on pref., 1 1/4% quarterly Oct. 1901 to Oct. 1906, both inclusive. Div. on com. stock, 1 1/4%, paid Aug. 1906; Nov., 1 1/4%. Bonded debt of constituent companies:

Dickson Mfg. Co. 1st 5s, \$562,500 (assumed), maturing Nov. 1 1927; Richmond Locomotive, \$550,000 gold consol. 6s due April 1 1929 (assumed), of which \$118,000 owned by Amer. Loco. Co.

Locomotive & Machine Co. of Montreal 1st 20-yr. gold 4s (\$1,500,000), dated March 1 1904 (\$1,000 each), guaranteed prin. & int. by Am. Loco. Co.; Int. March and Sept. at Royal Trust Co. of Montreal, trustee.

Rogers Locomotive Works, \$405,000 first s. f. 5s, due May 14 1921.

MISCELLANEOUS. For explanation of column headings, &c., see notes on first page of tables.	Date of Bonds	Size, or Par Value.	Amount Outstanding	INTEREST OR DIVIDENDS.			Bonds—Prin- cipal, When Due. Stocks—Last Dividend.
				Rate %	When Payable.	Where Payable, and by Whom.	
American Linseed—Common stock, \$16,750,000 authorized. Pref stock, 7%, non-cumulative, \$16,750,000		100	\$16,750,000	7 in 1900	Q—M		Sep15 '00, 1 1/4 %
American Locomotive—Common stock, \$25,000,000 Pref, also assets, 7%, cum, \$25,000,000. (Bonds, see text)		100	25,000,000	See text.	Q F	Checks mailed	Nov26'06, 1 1/4 %
American Malt—Common stock, \$6,000,000 Pref (also as to assets), cum, \$9,000,000 (see text)		100	5,896,000		A & O	Checks mailed	Oct22 '06, 1 1/4 %
Am Malt 1st M ass'd, \$5,000,000, g, s f, sub call 105	1899	1 000	\$3,714,000	6 g	J & D	Guaranty Tr Co, N Y	Dec 1 1914
American Pipe Mfg Co—Stock, \$5,000,000 authorized		100	4,000,000	12 in '06	Q—J	Office 112 N Br'd St, Phlla	Oct 1 '06, 3 %
American Pneumatic Service—Common stock, \$10,000,000 Preferred, as to assets, 6%, non-cumulative, \$7,000,000		50	See text.		A & O	By check	Oct 1 '06, 1 1/4 %
New M, \$5,000,000, g, s f (underlying bonds text)	1903		1,287,000	5 g	A & O		Oct 1 1928
Lamson Con Store Service Co s f bonds, call at 102	1902		390,500	5 g	F & A	Internat Trust Co, Bost	Jan 1 1922
American Radiator—Common stock, \$5,000,000 Preferred stock, 7%, cumulative, \$5,000,000		100	4,922,300	4 in 1905	Q—M	Off, 282-4 Mich Ave, Chic	Sep 29'06, 1 %
American Sewer Pipe—Stock, \$8,000,000 authorized		100	3,000,000	7 in 1905	Q—F15	do do	Aug15'06, 1 1/4 %
1st M, \$2,500,000, s f, subject to call at 105	1900	500 &c	7,805,700	3 in 1906	Q—J	do do	Oct 1 '06, 3/4 %
American Shipbuilding—Stock, common, \$15,000,000 Preferred, 7%, non-cumulative, \$15,000,000		100	1,482,000	6 g	M & S	Knickerbocker Tr Co, NY	Mch 1 1920
American Smelters Securities—Common stock, \$30,000,000 Preferred "A," 6%, cumulative, \$17,000,000		100	7,600,000	See text.	Q—M	Cleveland, Ohio	Sept 1 '06, 3 %
Preferred "B," 5%, cumulative, guaranteed, \$30,000,000		100	7,900,000	7 in 1906	Q—J	do	Oct15'06, 1 1/4 %
American Smelting & Refining—Common stock, \$50,000,000 Preferred stock, as to assets, 7%, cumulative, \$50,000,000		100	30,000,000	See text.	Q—M	71 Broadway, N Y	Sep11 '06, 1 1/4 %
American Snuff—Stock, common, \$12,500,000 Preferred, 6%, non-cumulative, \$12,500,000		100	17,000,000	5	Q—M	do do	Sep11 '06, 1 1/4 %
x Includes \$385,000 in treasury Aug. 31 1905.		100	30,000,000	See text.	Q—J	71 Broadway, N Y	Oct15'06, 1 1/4 %
		100	50,000,000	See text.	Q—J	do do	Oct 1 '06, 1 1/4 %
		100	50,000,000	7 in 1906	Q—J	do do	Oct 1 '06, 1 1/4 %
		100	11,001,700	10 in '06	Q—J	111 Fifth Ave, N Y	Oct 1 '06, 2 1/2 %
		100	12,000,000	6 in 1906	Q—J	do do	Oct 1 '06, 1 1/4 %

REPORT.—Report for year ending June 30 1906 was in V. 83, p. 686, showing net earnings, \$6,462,506; interest and discount, \$281,812; divs. on pref. stock (7%), \$1,750,000; additions and betterments, \$1,001,565; extraordinary impt. and bettermt. fund, \$2,000,000; div. on com. stock (1 1/4 %), \$312,500; bal., sur., \$1,116,629.

Directors—Waldo H. Marshall, Pliny Flsk, Geo. R. Sheldon, C. A. Coffin, Julius E. French, S. L. Schoonmaker, W. M. Barnum, Fred'k H. Stevens, Jos. Bryan, Chas. Miller and R. J. Gross. Pres., W. H. Marshall; V.-Pres., James E. Sague and R. J. Gross; Vice-Pres. and Sec., Leigh Best; Treas., C. B. Denny; Comptroller, C. E. Patterson. Office, 111 Broadway, New York.—(V. 82, p. 282, 336, 1440; V. 83, p. 3686.)

AMERICAN MALT CO.—ORGANIZATION.—Incorporated in New Jersey on April 2 1906 as successor, per plan V. 81, p. 266, 1043, of the American Malting Co., the latter being a consolidation in 1897. V. 65, p. 619; V. 70, p. 478. Under the plan the old preferred received 62% in new pref. and the old common 44% in new common stock. The new securities were issued in Sept. 1906, over 91% of the old pref. and over 87% of the old common having been acquired.

STOCK.—The preferred stock is entitled to 4% from April 1 to Oct. 1 1906—thereafter to 6%. Of the stock, about \$47,200 pref. and \$104,000 common will remain after exchange of all of the old stocks.

BONDS.—R. C. Newton and Geo. R. Turnbull are trustees. V. 69, p. 956, 1013, 1195.

REPORT of old Co. for year ending Aug. 31 1905, V. 81, p. 1373, showed: Profits above interest and \$65,382 for improvements, etc., \$412,292.

OFFICERS (old Co.).—Pres., Charles A. Stadler; Sec., J. C. McCune, Treas., Louis L. Stanton. Directors, Nov. 1905, V. 79, p. 2149; V. 81, p. 2147. N. Y. office, 63d St. & E. R.—(V. 82, p. 806; V. 83, p. 494.)

AMERICAN PIPE MANUFACTURING CO.—ORGANIZATION.—Incorporated in New Jersey Jan. 31 1889. Controls and operates various water works and manufactures the Phipps hydraulic pipes. See list subsidiary companies, V. 72, p. 135; V. 69, p. 1197; V. 81, p. 509. Stockholders were offered the right to subscribe for \$1,000,000 new stock at par, payable in four equal installments on Aug. 20, Sept. 20, Oct. 20 and Dec. 20 1906. V. 83, p. 215, 273.

DIVIDENDS.—'90. '91. '92. '93. '94. 1895 1896 to Oct. 1906. (%) 6 0 6 8 1 1/2 13 (incl. 3ex.) 12 yrly. (Q.-J.)

EARNINGS.—For 6 mos. ending June 30 1906, net profits, as reported, were \$260,335, against \$97,027.

REPORT.—For year 1905, with balance sheet, in V. 82, p. 567, showed: Net earnings, \$588,669, against \$414,654 in 1904; dividends, \$352,482, against \$240,000. Pres. Joseph S. Keen Jr.; Vice-Pres. and Treas., Geo. M. Bunting; Sec. and Asst. Treas., H. Bayard Hodge; Asst. Sec., W. H. Roth. Office, 112 North Broad St., Philadelphia, Pa.—(V. 83, p. 215, 273.)

AMERICAN PNEUMATIC SERVICE CO.—ORGANIZATION.—Incorporated July 1 1899 under laws of Delaware. (V. 68, p. 1130, 1179.) Is the owner of the whole, or nearly all, stock of the Lamson Consol. Store-Service Co. (V. 68, p. 1073), the Inter. Pneum. Service Co., etc. Government contracts, V. 81, p. 29, 32; V. 75, p. 734; V. 79, p. 2088; V. 83, p. 40, 325, 438. In Aug. 1905 acquired all the stock of N. Y. Mail & Newspaper Trans. Co. and Tubular Disp. Co., all the bonds of the N. Y. M. & Tr. Co. and \$547,000 of the \$600,000 Tubular Disp. bonds. V. 81, p. 669; V. 82, p. 394.

Application to list was in V. 83, p. 34, showing properties owned, description of securities, earnings, balance sheets, &c.

STOCK.—Stockholders voted Sept. 4 1906 to increase the authorized preferred stock from \$5,000,000 to \$7,000,000; of the new stock \$1,329,000 being offered to stockholders pro rata at \$40 per share accompanied by one share of common stock, payable \$10 on subscription and \$10 each on Dec. 1 1906, Feb. 1 1907 and Apr. 1 1907. This will increase the amounts outstanding to \$6,329,000 preferred and \$9,619,700 common stock. V. 83, p. 563.

Dividends on pref. stock to Jan. 20 1902, incl., 6% per an.; in 1906, Mch., 1 1/2 %; June, 1 1/2 %; Oct., 1 1/2 %.

First M. Collateral Trust S. F. Durling 1905, \$1,287,000 of the new \$5,000,000 5% bond issue was sold; \$600,000 is reserved to retire the \$600,000 (authorized issue) of Lamson bonds and the balance for acquisitions and extensions at not over 75% of cost, and only for property leased at not less than 12 1/2 % of cost. V. 81, p. 32.

REPORT for cal. year 1905, with balance sheet, was in V. 82, p. 866, showing, net earnings, \$347,889; interest, \$46,284; bal., sur., \$301,605. Arthur S. Temple, Treas., 161 Devonshire Street, Boston. New directors, Jan. 1906, V. 82, p. 163.—(V. 82, p. 930; V. 83, p. 34, 40, 325, 438, 494, 563.)

AMERICAN RADIATOR.—Incorporated in N. J. Feb. 10 1899. V. 68, p. 329; V. 80, p. 2346. Dividends on pref., May 1899 to Aug. 1906, inclusive, 1 1/4 % quarterly (Q.-F. 15). On common, Dec. 1904 to Sept. 1906, both inclusive, 1% quar. (Q.-M.). Report for year ending Jan. 31 1906, with balance sheet, V. 82, p. 625, showed: Net profits, \$833,917; 7% on pref., \$210,000; div. on common (4%), \$196,013; balance, \$427,904. Pres., C. M. Woolley. Office, 282 Michigan Ave., Chicago.—(V. 80, p. 2346; V. 82, p. 571, 625, 754; V. 83, p. 381.)

AMERICAN SEWER PIPE CO.—ORGANIZATION.—Inc. in N. J. on Feb. 17 1900 as American Clay Mfg. Co. as a consolidation of 32 vitrified drain-pipe and 2 paving brick plants, sold to control from 60 to 75% of the industry, and name changed Feb. 1 1901. For list, etc., see V. 70, p. 482, 688, 874. The bonds are subject to call at 105 and interest up to \$100,000 yearly. See V. 70, p. 688; V. 78, p. 2601. Stock, \$8,000,000, as reduced Mar. 1903; outstanding, \$7,805,700. Balance sheet Dec. 31 1905, V. 82, p. 451.

Divs., 3% yearly (3/4 % Q.-J.) July 1904 to Oct. 1906, both inclusive. OFFICERS.—Pres., Frank N. Kondolf, Pittsburgh, Pa.; Sec., Thomas D. Brown, New Brighton, Pa.; Treas., W. B. Goucher, Pittsburgh. New directors Sept. 1906, V. 83, p. 689. Office, Pittsburgh, Pa.—(V. 82, p. 451; V. 83, p. 381, 689.)

AMERICAN SHIPBUILDING CO.—ORGANIZATION.—Incorporated in New Jersey on March 16 1899, to unite the shipbuilding and kindred interests of the Great Lakes. V. 68, p. 770; V. 70, p. 896; V. 71, p. 344, 1014; V. 73, p. 390. Div. on pref., July 1899 to Oct. 16 1906 inclusive, 7% per annum (1 1/4 % Q.-J.). On common, Dec. 1902, 1%; 1903, 3%; 1905, 2%; 1906, Mch., 1%; June, 1%. A dividend of 4% was declared in quarterly installments, the first Sept. 1 1906, also 2% extra Sept. 1 1906. V. 83, p. 215. Report for year ending June 30 1906, in V. 83, p. 811 showed: Net earnings, \$2,443,217; div. on pref., \$553,000; div. on com. (4%), \$304,000; depreciation, maintenance, reserve, &c., \$806,844; bal. sur., \$779,373. Orders Nov. 1905, V. 81, p. 1438. Pres., James C. Wallace, Chicago; Vice-Pres. and Treas., R. C. Wetmore; Sec., Ora J. Flsh

Directors, V. 81, p. 1102. Office, Cleveland, O.—(V. 82 p. 1438; V. 82 p. 1381; V. 83, p. 215, 891.)

AMERICAN SMELTERS SECURITIES CO.—ORGANIZATION.—Incorporated March 31 1905 in New Jersey, and acquired from Guggenheim Explor. Co. various mining properties and interests in Mexico, Colorado and Missouri and about \$5,000,000 to complete certain purchases; later bought other properties in California, Washington, Utah, Missouri and Mexico and a majority of the Federal Mining & Smelting stock. Am. Smelt. & Ref. Co. controls through ownership of \$17,751,000 common stock. See below. V. 80 p. 873, 1237, 1730, 1915, 1973, 2221; V. 82, p. 694. In Nov. 1905 control of Utah Copper Co. was acquired. V. 81 p. 1317, 1494, 1794

STOCK.—Preferred stock "B" is guaranteed as to dividends by American Smelting & Refining Co. and also as to principal in case of liquidation; principal is subject to redemption at par at option of company June 1 1930, or any interest day thereafter. Sunk fund is provided. See V. 80, p. 1730, 1973

Pref. stock "A" is preferred over "B" only as to dividends. The present authorized issue, \$17,000,000, may be increased by \$5,500,000. Preferred stock will have no voting power during the first two years nor thereafter except while the dividends for one year remain unpaid. The common therefore carries control while pref. dividends are paid.

DIVIDENDS.—First div. on pref. A stock (for 2 mos.), 1%, paid July 1 1905; Sept. 1905 to Sept. 1906, both inclusive, 1 1/2 % quar. V. 81, p. 156, 670. On pref. B., 1 1/4 % quar., paid Sept. 1905 to Sept. 1906, both inclusive.

OFFICERS.—Pres., Daniel Guggenheim; Vice-Pres., Barton Sewell; Treas., Morris Guggenheim; Sec., G. M. Borden. Directors, V. 80, p. 1425. Office, 71 Broadway, N. Y.—(V. 81, p. 1725; V. 82, p. 694.)

AMERICAN SMELTING & REFINING CO.—ORGANIZATION, ETC.—Incorporated April 4 1899, under laws of New Jersey, V. 68, p. 668. Owns and operates plants for the smelting of ores and the treatment of lead bullion, copper bullion and copper matte in Utah, Montana, Colorado, Kansas, Nebraska, Illinois, New Jersey, Mexico and elsewhere. The principal merchantable products are bar gold and silver, pig lead, electrolytic copper and blue vitriol. Controls the Kansas City Smelting & Refining Co., the Omaha & Grant Smelting Co., etc. List of plants, rights of stock, etc., see V. 68, p. 975; V. 68, p. 471, 523; V. 70, p. 232, 281. V. 76, p. 974; V. 77, p. 2340; V. 79, p. 1041. Contract with Federal Mining & Smelting Co., of which control is owned through the American Smelters' Securities Co., V. 79, p. 2694.

In April 1901 the property of M. Guggenheim's Sons was acquired, the stock being increased from \$27,400,000 each of common and preferred to \$50,000,000 each. The output of lead and silver it is stated is now about 85% of the production in the U. S. V. 71, p. 1271; V. 72, p. 138, 724 see circular in V. 72, p. 185. V. 71, p. 1271.

In April 1905 acquired control of American Smelters' Securities Co., which see above. V. 80, p. 873.

Omaha & Grant Smelt. 1st 6s due March 1 1911, \$561,000, retrable about \$70,000 annually by sinking fund, are the only bonds.

DIVIDENDS on pref. to Oct. 1906, inclusive, 7% per an. (1 1/4 Q.-J.) On common, in 1904, 5%; in 1905, to July, inclusive, 1 1/4 % Q.-J.; in Oct. 1905 to Oct. 1906, incl., 1 1/4 % (Q.-J.)

REPORT.—Report for year ending April 30 1906, at length in V. 83, p. 561, 634, showed: Gross, \$11,665,885; net, \$9,712,154; new construction and improvements, \$938,099; div. on pref. (7%), \$3,500,000; div. on com. (6 1/2 %), \$3,250,000; bal., sur., \$2,024,055.

DIRECTORS.—Daniel Guggenheim (Pres.), Isaac Guggenheim (Treas.), Solomon R. Guggenheim, Morris Guggenheim, Simon Guggenheim, M. Robert Guggenheim, S. W. Eccles (Vice-Pres.), Edward Brush (V.-P. and Asst. to Pres.), H. L. Higginson, Grant B. Schley, D. H. Moffat, M. D. Thatcher, J. B. Grant, Guy C. Barton, Dennis Sheedy, W. S. McCornick, Karl Eilers, Frank W. Hills, Anton Eilers, Barton Sewell (Vice-Pres.), Edgar L. Newhouse, Franklin Gulterman, Willard S. Morse, John N. Steele. Office, 71 Broadway, N. Y.—(V. 83, p. 561, 623, 634.)

AMERICAN SNUFF CO.—Incorporated in N. J. on March 12 1900 For list of properties merged, see V. 70, p. 533, 634; statement to N. Y. Stock Exchange, V. 72, p. 625, 672; V. 74, p. 428; V. 81, p. 267. Div. on pref. Jan. 2 1901 to Oct. 1906, 6% yearly. On com. Jan. '03, to Oct. 1906, inclusive, 10%. Am. Tobacco Co interests own control.

REPORT.—Report for year ending Dec. 31 1905 (in V. 82, p. 566) showed: Net earnings, \$2,633,550; div. on pref. (6%), \$720,000; div. on common (10%), \$1,000,170; bal., sur., \$813,380. Pres., Martin J. Condon; Sec. and Treas., E. D. Christian, 111 Fifth Ave., N. Y.—(V. 80, p. 1055; V. 81, p. 213, 267, 1667; V. 82, p. 566.)

AMERICAN SODA FOUNTAIN.—Formed in '91 in N. J. V. 66, p. 382 DIVIDENDS.—On preferred in full to Nov. 1896, inclusive; in 1897 to 1899, inclusive, none; Nov. 1900, 3% on 1st pref.; 1901 to 1904, both inclusive, 6% yearly on 1st pref.; in 1905, none; leaving accumulated dividends unpaid of 27% on 1st pref. and 72% on 2nd pref. V. 81, p. 1552. On com., none since 1896. Balance sheet Sept. 1 1905, V. 82, p. 567.

REPORT.—No report since 1903. Report year ending Aug. 31 1903, V. 77, p. 2035, showed profit, \$125,274, against \$108,589 for 1902. Pres. James N. North. N. Y. office, 449 First Ave.—(V. 82, p. 567.)

AMERICAN STEEL FOUNDRIES CO.—ORGANIZATION.—Incorporated in New Jersey on June 26 1902, and acquired:

American Steel Casting Co. (See "Supplement" for April 1902), Rellance Steel Castings Co. of Pittsburgh, Pa., Leighton & Howard Steel Co. E. St. Louis, Ill., Franklin Steel Casting Co. of Franklin, Pa., Sargent Co. of Chicago, Ill., American Steel Foundry Co. of Granite City, Ill., and Amer. Steel Bolster Co.; also in Sept. 1904, 55% of Commonwealth Steel Co. stock and in Jan. 1905, entire stock of Simplex R'way. Appliance Co. V. 79, p. 1463; V. 80, p. 224, 602; V. 83, p. 685.

STOCK.—For status, rights of stock, etc., see V. 78, p. 2604. V. 77, p. 767; V. 75, p. 1300. Of the \$40,000,000 stock (half pref.), the \$2,300,000 each of common and preferred are to be issued only for cash or property of actual cash value at par. V. 74, p. 1141, 1357. In Feb. 1905 \$2,200,000 of each class of stock was sold. In Sept. 1906 \$1,890,000 common and \$460,000 pref. stock owned by the company was retired, reducing the amounts outstanding to \$15,810,000 com. and \$17,240,000 pref. stock. V. 83, p. 685.

DIVIDENDS.—On pref., Dec. 1 1902 to Dec. 1903, 1 1/2 % quar. (Q.-M.); 1904, May, 1 1/2 %; Aug., 1%; none since to Oct. 1906.

BONDS.—The stockholders on Sept. 6 1905 authorized \$6,000,000 bonds, to be secured on the plants of the company, the entire Simplex Railway Appliance Co. stock and 55% of Commonwealth Steel Co. stock. The stockholders or underwriters subscribed at 80 for the \$3,500,000 present issue. V. 81, p. 267, 842; V. 83, p. 820. Bills payable July 31 1906 \$1,147,455.

MISCELLANEOUS. For explanation of column headings, &c., see notes on first page of tables.	Date of Bonds	Size, or Par Value.	Amount Outstanding	INTEREST OR DIVIDENDS.			Bonds—Prin- cipal, When Due. Stocks—Last Dividend.
				Rate %	When Payable.	Where Payable, and by Whom.	
American Soda Fountain—Common stock, \$1,250,000		\$100	\$1,250,000	See text.	Nov 4		Nov '96, 1 3/4 %
1st preferred, 6%, cumulative, \$1,250,000		100	1,250,000	See text.	Nov	Checks mailed	Nov 1904, 6 %
2nd preferred, 8%, cumulative, \$1,250,000		100	1,250,000	See text.	See text.		Nov 4 '96, 2 %
American Steel Foundries—Stock, common, \$20,000,000		100	15,810,000				
Preferred stock, also assets, 6%, cumulative, \$20,000,000		100	17,240,000	See text.	Q—F	74 Broadway, N Y	Aug 1 '04, 1 %
American Steel Castings, 1st mortgage, gold	1897		471,000	5 g	M & N	do	Nov 1 1912
Mort, \$6,000,000 (total issuable, s f, red beg 'Apr '16, Col. c*)	1905	100 &c	3,500,000	6 g	A & O	New York	Oct 1 1935
American Sugar Refining—Common stock, \$45,000,000		100	45,000,000	7 ln 1906	Q—J	Checks mailed	Oct 2 '06, 1 1/4 %
Pref stock, 7%, cum (not pref as to assets), \$45,000,000		100	45,000,000	7 ln 1906	See text.	do	Oct 2 '06, 1 1/4 %
American Telegraph & Cable—Stock, 5% rental		100	14,000,000	5	Q—M	Western Union Tel, N Y	Sep '06 1 1/4 %
American Telephone & Telegraph—Stock \$250,000,000		100	131,551,400	See text.	Q—J		Oct 15 '06 2 %
Collateral trust mortgage, gold (V. 70, p. 40)	OB. c*	1,000	53,000,000	4 g	J & J	Manh Tr, N Y; & Boston	July 1 1929
Collateral trust notes, gold	OB	1,000	20,000,000	5 g	M & N		May 1 1907
Amer Bell deb. g (V. 67, p. 72, 1355; V. 70, p. 40)	OB. c*	1,000	10,000,000	4	J & J	Nat Bk of Com, Boston	July 1 1908
Convertible bonds, \$150,000,000 authorized, red 105, text			See text.	4	M & S		Mch 1 1936
American Thread—Pref stock, \$6,000,000, 5%, cum, g or £		5	4,890,475	5 ln 1906	J & J	Guaranty Tr Co, N Y	June 30 '06 2 1/2 %
1st mortgage, \$6,000,000, gold or £	1899	500 &c	6,000,000	4 g or £	J & J	do	Jan 1 1919
American Tobacco Co—Common stock (\$100,000,000 auth)		100	40,242,400	See text.	See text.	Checks mailed	Sep 1 '06, 7 1/4 %
Pref (also as to assets), \$80,000,000 6%, cum (See text)		100	78,689,100	6	Q—J	do	Oct 1 '06, 1 1/4 %
Gold bonds (not mtge), \$56,100,000 auth	Mo. c* & r	50 &c	55,383,000	6 g	A & O	Morton Trust Co, N Y	Oct 1 1944
Gold bonds (not mtge.), \$63,489,100 authorized	Mo. c* & r	50 &c	58,168,000	4 g	F & A	do	Aug 1 1951
Consolidated Tobacco collat tr M, g	Mo. c* & r	50 &c	5,317,000	4 g	F & A	do	Aug 1 1951
American Type Founders—Stock		100	4,000,000	4 ln 1906	Q—J	Checks mailed.	Oct 15 '06, 1 %
Preferred stock 7% cumulative \$2,000,000		100	2,000,000	7 ln 1906	Q—J	do	Oct 15 '06 1 1/4 %
Debentures gold \$1,000,000 s f \$20,000 yrly beg Sep '00. Me	1896	100	884,900	6 g	M & N	Mercantile Trust Co, N Y	May 1 1926

REPORT.—For year ending July 31 1906 in V. 83, p. 685, showed total net income, \$1,596,955; charges, \$342,753; depreciation, \$244,681; bal., sur., \$1,009,521.

DIRECTORS.—Charles Miller (Chairman), Wm. V. Kelley, E. H. Gary, Thos. K. Niedringhaus, W. W. Butler, W. D. Sargent, Geo. B. Leighton, Rolla Wells, Chas. Miller, Max Pam, Edward Shearson, J. A. Middleton, John M. Harrison, C. H. Howard, E. F. Goltra, Arthur J. Eddy, Pres., Wm. V. Kelley; 1st Vice-Pres., Robert P. Lamont; Treas. and Sec., F. E. Patterson. Office, Chicago.—(V. 81, p. 842, 1102; V. 83, p. 685, 820)

AMERICAN SUGAR REFINING.—Organized in N. J. in Jan. 1891, per plan V. 51, p. 609. Stock, originally \$50,000,000, was increased in Jan. 1892 to \$75,000,000 (half pref.) to acquire the capital stock of the four Philadelphia refineries and a controlling interest in the Baltimore refinery. Spreckels's refinery in California has been held under lease to the "Western Sugar Refining Co.," of which the "trust" owns one-half the stock. Beet-sugar interest acquired, V. 64, p. 841; V. 77, p. 771; coffee plants, V. 63, p. 1157; V. 64, p. 40; V. 70, p. 688, 1051; V. 71, p. 914; V. 72, p. 1137; V. 82, p. 1270. Beet-sugar refineries in U. S., V. 66, p. 132; V. 68, p. 280; V. 69, p. 1249; V. 76, p. 867, 1194. Nat. Sugar Refg Co. see V. 70, p. 1096; V. 71, p. 31. See V. 70, p. 482, 634, 998, 1051; V. 71, p. 136, 237, 699. Independents, V. 73, p. 238; V. 82, p. 1324.

STOCK.—In 1901 each class of stock was increased from \$37,500,000 to \$45,000,000 by sale at par to shareholders. V. 73, p. 617.

DIV.—% — '92. '93. 1894 to 1899. '00. '01. '02. '03. '04. '05. 1906.  
Common.....10 1/2 21 1/2 12 y'ly (3Q-J) 7 1/2 7 7 7 7 7  
Preferred.....7 % yearly to date; nearly all Q.-J. V. 71, p. 1168.

BALANCE SHEET.—  
Dec. 31 '05. Dec. 31 '04. Dec. 31 '03.  
Real estate and machinery \$35,156,876 \$35,051,343 \$35,180,057  
Cash and debts receivable \$38,659,443 \$38,320,033 34,683,022  
Investments in other companies 54,058,547 54,212,196 51,986,127  
Sugar, raw and refined 16,658,732 24,936,523 12,338,661

Total assets \$144,533,598 \$152,520,095 \$134,187,868  
Capital stock \$90,000,000 \$90,000,000 \$90,000,000  
Debts 40,526,450 48,734,384 31,922,032  
Reserves 14,007,138 13,785,711 12,265,836

Total liabilities \$144,533,598 \$152,520,095 \$134,187,868

DIRECTORS.—H. O. Havemeyer, Chas. H. Senff, Arthur Donner, Lowell M. Palmer, John Mayer, W. B. Thomas, John E. Parsons; Treas., Arthur Donner. Transfer office, 117 Wall St., N. Y.—(V. 82, p. 1498.)

AMERICAN TELEGRAPH & CABLE.—Owns two cables between Nova Scotia and England. Leased until 1932 to Western Union—which see.

AMERICAN TELEPHONE & TELEGRAPH CO.—ORGANIZATION.—Owns a large interest, generally a majority interest, in the capital stock of all the leading local companies operating under the Bell patents throughout the United States (except the Michigan State Telep. Co.); also owns the system of long-distance telephone lines by which they are united. See series of telephone articles, V. 69, p. 674, 826, 1034, 1222; V. 70, p. 817. Capitalization license co's, see V. 73, p. 446, 555, 724; V. 78, p. 596; V. 77, p. 2036; V. 79, p. 735; V. 82, p. 699. On Sept. 30 1906 6,822,837 instruments in use, against \$5,324,217 on Sept. 30 1905. Decision as to Berlin patent, V. 72, p. 439; V. 73, p. 186; V. 76, p. 244. Pupin patents, V. 72, p. 677; V. 76, p. 332; 596; V. 77, p. 39. Controls Western Telephone & Telegraph Co., the successor to the Eric Tel. & Telep. Co. V. 73, p. 1267; V. 74, p. 42, 271. Decision as to claim of Western Union, see V. 77, p. 951, 2160; V. 78, p. 585, 1220; V. 79, p. 153; V. 82, p. 336.

STOCK.—On June 3 1901 the authorized stock was increased from \$100,000,000 to \$150,000,000 and on Mar. 1 1903 to \$250,000,000. Of the new stock, \$21,943,200 was subscribed for by stockholders at par in 1903. This increased the outstanding stock to \$131,551,400, excluding \$27,110,400 held by American Bell Telephone Co. and virtually unissued. V. 76, p. 1356; V. 77, p. 39, p. 771.

DIVIDENDS.—July 1900 to July 1906 inclusive, 7 1/2 % per annum, viz. July 16, 2 1/4 %; Oct. 15, 1 1/4 %; Jan. 15, 2 1/4 %; April 15, 1 1/2 %. Oct. 1906, 2%; dividends hereafter to be 8% yearly. V. 83, p. 820.

BONDS.—The coll. trust mtge. of 1899 secures equally the coll. trust bonds and the \$10,000,000 Bell debentures. See collat., V. 81, p. 509. On additional collat. further bonds may be issued to an amount not exceeding 75 % of the estimated value of collateral; and the issue at any time outstanding must not exceed the amount of the company's capital stock then paid up. V. 69, p. 1195, 1240; V. 70, p. 40. Of the collateral trust bonds \$53,000,000 have been sold. V. 80, p. 999, 1113. The \$20,000,000 5 % gold notes of 1904 are secured by deposit of \$25,000,000 collateral trust bonds of 1899. V. 78, p. 1448.

The convertible 4s of 1906 (\$150,000,000 authorized issue), of which \$100,000,000 have been sold for delivery as required to provide for improvements and extensions during two or three years and the payment of the \$20,000,000 notes on May 1 1907, are to be ratably secured by any future mtge. or collateral trust indenture. They are subject to call on and after March 1 1914 at 105, and convertible into stock at 140 after March 1 1909 and before March 1 1918; and in the meantime up to 30 days prior to any date of redemption, provision being made to protect the holders as to the convertible rate in the event of the issue of new stock. See V. 82, p. 394, 571, 699; V. 83, p. 438.

REPORT.—Report for 1905 in V. 82, p. 689, 697. Reports of sub-companies for 1905 were in V. 82, p. 1374-8; V. 83, p. 93.

Year ending Dec. 31. 1905. 1904. 1903.  
Total gross earnings \$21,712,831 \$18,546,659 \$16,545,632  
Surplus over interest charges 13,034,038 11,275,702 10,564,665  
Paid dividends (7 1/2 %) 9,866,355 9,799,117 8,619,151

DIRECTORS.—Fred. P. Fish (Pres.), Chas. W. Amory, Geo. F. Baker, Francis Blake, Chas. P. Bowditch, Alexander Cochrane, T. Jefferson Coolidge Jr., W. Murray Crane, Henry S. Howe, Chas. E. Hubbard (Sec.), Chas. E. Perkins, William Lowell Putnam, Thomas Sanders, Nathaniel Thayer, Theodore N. Vall, John I. Waterbury and Moses Williams and Thos. B. Bailey. Treas. is Wm. R. Driver. Office, 125 Milk Street, Boston, Mass.—(V. 83, p. 98, 215, 438, 689, 753, 820.)

AMERICAN THREAD CO.—Incorporated in N. J. March 10 1898. (V. 67, p. 1158.) Stock, \$6,000,000 common (\$3.50 per \$5 share paid in, understood to be entirely owned by the English Sewing Cotton Co.); \$6,000,000 5 % cum. pref. (gold or £); issued \$4,890,475, par of shares, \$5. Dividend on pref. July 1899 to July 1906, inclusive, 5 % per annum (2 1/4 % semi-an). First div. on common, 30 cts. per share (or 10 % on amount paid in) paid out of earnings of 1899 0; in 1900-01, 35 cts. (10 %); in 1901-02, none; in 1902-03, 14 cts. (4 %); in July 1904, 56 cts. (16 %); in July 1905, 28 cts. (8 %); in July 1906, 49 cts. (14 %).

BONDS.—See application to list in full, V. 70, p. 179; also V. 76, p. 267. In 1901 purchased control of Wool Exchange Co., owning building 260 West Broadway, subject to first mtge. of \$450,000. V. 73, p. 289, 393, 446.

REPORT.—Report for year ending March 31 1906, with balance sheet, in V. 83, p. 268, showed: Gross profits, \$1,479,468; depreciation, \$351,160; bond interest, \$236,000; dividend on pref. stock (5%), \$244,524; div. on com. stock (14%), \$588,000; bal. sur. for year, \$59,784. Total surplus, \$344,891. Pres., T. C. Waterhouse; Sec. and Treas., Theo. M. Ives, 260 W. Broadway, N. Y.—(V. 81, p. 153; V. 83, p. 268.)

(THE) AMERICAN TOBACCO CO.—ORGANIZATION.—Incorporated on Oct. 20 1904 as an amalgam of, under the laws of New Jersey, per plan V. 79, p. 1024, of the American, the Consolidated and the Continental tobacco companies. V. 79, p. 1705. See application to list, V. 80 p. 168; statements of those companies in this Section for July 1904.

The American Snuff Co. is controlled, \$10,000,000 of its stock being owned; also \$7,000,000 of the \$10,000,000 stock of the American Cigar Co., whose 4 % notes (\$20,000,000 authorized) were guaranteed, principal and interest, by the American and Continental companies. V. 73, p. 1113; V. 72, p. 531, 1037; V. 78, p. 1394. The Havana Co. is controlled, V. 74, p. 1141. The Continental Co. acquired the \$3,000,000 P. Lorillard Co. com. and also \$1,581,000 of its \$2,000,000 pref. stock. V. 70, p. 331, 1051; V. 71, p. 646. American Stogie Co., see V. 77, p. 148; V. 80, p. 2400.

In Sept. 1902 an agreement was made with the Imperial Tobacco Co. of England by which the two interests are left undisturbed in their own countries respectively, the export business of both being turned over to the British-American Tobacco Co., of whose \$30,000,000 stock the Consolidated owned \$20,000,000 and the Imperial \$10,000,000. V. 75, p. 735; V. 73, p. 618, 724, 1359; V. 76, p. 868, 921.

STOCK.—Of the stock \$1,310,900 pref. and \$59,757,550 com. are reserved. The pref. stock has voting power only as the statute expressly gives the power to vote. See V. 79, p. 1025; V. 80, p. 167.

DIVIDENDS.—On pref., Jan. 1905 to Oct. 1906, both incl., 6% yearly (Q.-J.). On com., 2 1/2 % quar., Mar. 1905 to Sept. 1906, both incl., and in Dec. 1905, 10% and Sept. 1906 5% extra. V. 83, p. 274.

BONDS.—No mortgage on the property or specific charge on earnings shall be created except in express subordination to the rights of the holders of both issues of bonds. The rights of the 6s are prior to those of the 4s. A sink fund of \$500,000 is to be paid annually to trustee of 6 % bonds for their purchase in the open market at not exceeding 120, the money, in case they cannot be obtained, to be returned to company. See V. 79, p. 1956; V. 80, p. 167. In Jan. 1905 \$51,210,200 of the \$56,090,400 6 % bonds and \$72,757,400 of the \$78,689,000 4 % bonds authorized had been listed, with authority to list the balance as exchanged under plan. In Dec. 1905 \$15,200,000 of the 4 % bonds purchased in the open market were canceled, reducing the amount outstanding to \$57,557,200. V. 81, p. 1611.

REPORT.—Report for year ending Dec. 31 1905 in V. 82, p. 624, showed net earnings, \$25,212,285, against \$22,304,696 in 1904; premium on 6 % bonds purchased, \$59,744; int. on bonds, \$6,226,644; div. on com. stock (20 %), \$8,048,480; dividend on pref. stock (6 %), \$4,721,346, bal., sur., \$6,156,071.

DIRECTORS.—James B. Duke (President), John B. Cobb, William R. Harris and Percival L. Hill (Vice-Presidents); Secretary, William H. McAllister; George Arents, Anthony N. Brady, Paul Brown, Thomas Dolan, Benjamin N. Duke, Robert B. Dula, Pierre Lorillard, Thomas J. Maloney, Rufus L. Patterson, Oliver H. Payne, Frank H. Ray, Thomas F. Ryan, Grant B. Schley, Charles E. Hallwell, George A. Helme, Charles S. Keene, Herbert D. Kingsbury, Robert A. C. Smith, Robert K. Smith, Charles N. Strotz, George W. Watts, Harry Weissinger, Peter A. B. Widener. Treasurer is John M. W. Hicks. Office, 111 Broadway, N. Y.—(V. 81, p. 1725; V. 82, p. 624, 630, 1324; V. 83, p. 274.)

AMERICAN TYPE FOUNDERS CO.—Incorporated in 1892 under laws of N. J., V. 55, p. 625, and adv. In 1896 the capital stock was readjusted. V. 62, p. 682. Bills payable Aug. 31 1905, \$956,828. New plant, V. 77 p. 1292; V. 79, p. 1703.

Div. on com., April 1898 to Oct. 1906 incl., 4 % per an. In addition in Jan. 1902 6 % scrip and in April 1903 3 % scrip was paid. Div. on pref. paid July 1902 to Oct. 1906 incl., 1 1/4 % quarterly.

ANNUAL REPORT.—Report for year ending Aug. 31 1905, in V. 81 p. 1313, showed gross profits after deducting expenses, \$434,471; int. chgs. \$104,957; net, \$329,514; div. on com. (4 %), \$160,000; div. on pref., \$127,708; bal., sur., \$41,806. Pres., R. W. Nelson, 300 Communipaw Ave., Jersey City.—(V. 81, p. 1313.)

AMERICAN WALTHAM WATCH.—See Waltham Watch Co.

AMERICAN WINDOW GLASS MACHINE CO.—ORGANIZATION.—Incorporated in N. J. on Mar. 6 1903. V. 76, p. 596. Owns exclusive rights to certain window-glass machine patents in the U. S. See V. 76, p. 596, 707. In Mar. 1903 purchased nearly all of com. stock of Amer. Window Glass Co. and leased patent rights to latter on royalty. V. 76, p. 707, 867; V. 77, p. 2282; V. 79, p. 2644. Debentures, \$5,000,000. See table above.

STOCK.—Stock authorized, com., \$13,000,000; pref., 7 % cum., \$7,000,000; par of shares, \$100; of this, \$6,449,000 com. and \$500,000 pref. were issued to acquire patent rights and \$6,500,000 of each were available for purchase of \$13,000,000 Amer. Window Glass com. stock; outstanding, see table above. The Window Glass Co.'s \$4,000,000 cum. pref. stock (in shares of \$100) was to be protected in its right to divs. of 7 % per annum as paid Mar. 1900 to Mar. 1903 semi-annually; no divs. paid since to Oct. 1906 inclusive. V. 76, p. 707.

Pres., W. K. McMullin; Sec. and Treas., A. E. Braun, Pittsburgh, Pa.—(V. 77, p. 2282; V. 70, p. 2644; V. 80, p. 1015, 1074.)

AMERICAN WOOLEN CO.—ORGANIZATION.—Incorporated Mar. 29 1899 under laws of N. J. as a consolidation of the Washington Mills, Lawrence, Mass.; National Providence Mills, Providence, R. I., &c., see V. 68, p. 472; see also p. 617; V. 69, p. 77; V. 73, p. 446; V. 73, p. 446; V. 71, p. 545. List of properties, V. 78, p. 1118. Statement to Stock Exchange, V. 71, p. 1316.

The Wood Worsted Mill Corporation, whose \$1,000,000 stock is owned, is building a large mill at South Lawrence, Mass., for the manufacture of yarns and men's wear fabrics; its \$3,500,000 notes, guaranteed prin. and int., mature \$500,000 Mar. 1910, \$2,000,000 Sept. 1910 and \$1,000,000 Mar. 1911. V. 81, p. 900, 842.

STOCK.—Authorized by stockholders, \$25,000,000 pref. and \$40,000,000 com. Outstanding, pref., \$25,000,000; com., \$29,501,100. Divs. on pref. July 1899 to Oct. 1906, both incl., 7 % per annum (Q.-J. 15.).

EARNINGS.—Report for year ending Dec. 31 1905, in V. 82, p. 566, showed: Net profits, \$1,781,158; previous sur., \$8,196,925; divs. at 7 % per annum, \$1,560,417; depreciation, \$1,367,838; net sur., \$10,049,828.

MISCELLANEOUS.	Date of Bonds	Size, or Par Value.	Amount Outstanding	INTEREST OR DIVIDENDS.			Bonds—Prin- cipal, When Due. Stocks—Last Dividend.
				Rate %	When Payable.	Where Payable, and by Whom.	
<i>For explanation of column headings, &amp;c., see notes on first page of tables.</i>							
Amer Window Glass Machine—Common stock \$13,000,000.		\$100	\$12,557,794				
Pref stock, 7 p c cum, \$7,000,000		100	6,557,794				
Debentures \$5,000,000 gold due \$1,000,000 yearly red par	1905	1,000	5,000,000	6 g	F & A	Farm Dep Nat Bk, Pitts	Feb 1 1908-1912
American Woolen—Common stock \$40,000,000 authorized.		100	29,501,100				
Preferred stock 7% cumulative, also assets.		100	25,000,000	7 in 1906	Q—J 15	Guaranty Trust Co, N Y	Oct 15 '06, 1 3/4 %
Wood Worsted Mill Corp con & equip notes guar p & l (text)	1905		3,500,000	4 1/2	M & S		Mch '10-Mch '11
American Writing Paper—Common stock \$11,500,000.		100	9,500,000				Apr 1 1907, 1 %
Preferred stock 7% cumulative \$12,500,000.		100	12,500,000	See text.	See text.		
First M s f gold \$17,000,000 call after July '09 at 105. OB. c*	1899	1,000	15,305,000	5 g	J & J	Old Colony Tr Co, Boston	July 1 1919
Associated Merchants—Common stock		100	6,062,200	See text.	Q—M	Hudson Tr, Hoboken, N J	Sep 1 '06, 2 3/4 %
First pref 5% cum, also assets, conv (text)		100	6,171,500	See text.	Q—J	do do	Oct 15 '06, 1 3/4 %
Second pref 6% cum, also assets (see text)		100	5,073,500	See text.	Q—J	do do	Oct 15 '06, 1 3/4 %
Barney & Smith Car—Common stock, to be \$2,000,000.		100	2,000,000	See text.	See text.		Sep 15 1906, 1 %
Preferred 8% cumulative \$2,500,000.		100	2,500,000	8 in 1905	Q—M		Sep 1 1906 2 %
First mortgage \$2,000,000 gold red 110. G. c*	1906	1,000	2,000,000	5 g	J & J	Guaranty Trust Co, N Y	July 1 1936
Bethlehem Steel Corporation—Common stock \$15,000,000.		100	14,862,000				
Pref stock 7% non-cumulative \$15,000,000 (also assets)		100	14,908,000	See text.	Q—F		Aug 1 '06, 1 3/4 %
Bethlehem Steel purch money M for Beth Iron gold. G.P.C.* & r	1901	1,000	7,408,000	6 g	Q—F	Girard Trust Co, Phila	Aug 1 1998
Bethlehem Iron first M assumed by Beth Steel Co s f. F.P. c*	1886	1,000	1,351,000	5	F & A	Fidelity Trust Co, Phila	Feb 1907
Beth Steel Co 1st ext M \$12,000,000 gold gu red '105. Mo. c*	1906	1,000	5,400,000	5 g	J & J		Jan 1 1926
Borden's Condensed Milk—Common stock \$17,500,000.		100	17,500,000	10 in '05	F & A		Aug 15 '06, 4 %
Preferred 6% cumulative \$7,500,000 redeemable at 110.		100	7,500,000	6 in 1905	Q—M	New York Trust Co, N Y	Sep 15 '06, 1 1/2 %
Brooklyn Ferry—Brooklyn & N Y Ferry 1st M. c* & r	1886	500 & c	1,000,000	6	J & J	First Nat Bank, Brookl'd	Jan 1 1911
Consolidated mortgage \$7,500,000. K. c*	1898	1,000	6,500,000	5 g	F & A	Feb. 1906 Int. last paid	Aug 1 1948
Brooklyn Union Gas—Stock \$20,000,000.		100	15,000,000	See text.	Q—M	By check from Co's office	June 1 1906, 1 %
First cons \$15,000,000 g (for underlying bonds see text) G	1895	1,000	14,647,000	5 g	M & N	Chase Nat Bank, N Y	May 1 1945
Debentures convertible after March 1907.	1904	500 & c	3,000,000	6	M & S	National City Bank, N Y	Mch 1 1909
Buffalo Gas—First M \$5,900,000 redeem at 115 gold. N. c*	1897	1,000	5,805,000	5 g	A & O	Standard Trust Co, N Y	Oct 1 1947

**DIRECTORS.**—Wm. M. Wood (Pres.), Frederick Ayer, Geo. L. Shepley, Edwin C. Swift (dec'd), John Hogg, Francis W. Kittredge, J. Clifford Woodhull, Samuel P. Colt, Geo. E. Bullard and Andrew G. Pierce Jr; Treas., W. H. Dwelly Jr.; Asst. Treas., W. A. Currier; Sec., Jos. T. Shaw Office, Ames Building, Boston, Mass.—(V. 82, p. 566.)

**AMERICAN WRITING PAPER CO.—ORGANIZATION.**—Incorporated in N. J. on June 25 1899 as a consolidation of fine writing paper mills. See prospectus, V. 69, p. 25, 128, 227; V. 80, p. 1172. See V. 70, p. 998. New plant proposed Sept. 1906. V. 83, p. 689.

First dividend on pref., 1%, payable Apr. 1 1907. V. 83, p. 820. Of the \$17,000,000 bonds \$695,000 were in s. f. Jan. 1906 and \$1,000,000 in the treasury uncanceled. V. 76, p. 540. Report for cal. year 1905, with bal. sheet, in V. 82, p. 450, 689, showing: Net income, \$1,429,977; Int. on bonds, construction, depreciation, &c., \$1,165,341; bal., sur., \$264,636.

**OFFICERS.**—Pres., W. N. Caldwell; Treas., George B. Holbrook; Sec., E. H. Hall, Holyoke, Mass. New directors Feb. 1906, V. 78, p. 1963; V. 82, p. 453.—(V. 82, p. 450, 453, 689; V. 83, p. 689, 820.)

**ANACONDA COPPER MINING.**—V. 82, p. 754, 1153, 1498.

**ASSOCIATED MERCHANTS' CO.—ORGANIZATION.**—Incorporated in April 1901 in Connecticut under special charter, and acquired \$4,500,100 of the \$9,000,000 stock of the H. B. Claflin Co. and the business of James McCreery & Co. of 23d St. In Dec. 1901 purchased the business of Posner Bros. of Baltimore (now Stewart & Co.) and in 1903 2,000 shares (\$200,000) of the \$250,000 com. stock of C. G. Gunther's Sons. V. 77, p. 449. V. 73, p. 1358. In 1905 acquired the business of J. N. Adam Co. of Buffalo, V. 76, p. 540; V. 80, p. 1730; V. 81, p. 776. Also owns \$2,400,000 of the \$3,000,000 debenture bonds, \$2,000,000 of the \$3,000,000 income bonds and 800 of the 1,000 shares of stock of the O'Neill-Adams Co., a consolidation in July 1906 of H. O'Neill & Co. and the Adams Dry Goods Co. V. 83, p. 274, 561.

**STOCK.**—The first preferred is exchangeable at par at holder's option into either com. or 2d pref. stock. In Oct. 1904 the rights to divs. were amended so that the 1st and 2nd pref. are entitled to receive 1/2% extra above 5% and 6% respectively for each 1% the com. shall receive over 7%. V. 79, p. 1706; V. 80, p. 118, 1915. Stockholders Nov. 1905 subscribed for \$2,250,000 new 1st preferred. V. 81, p. 1317. Stockholders on April 18 1906 authorized an increase in the 2d pref. stock from \$5,000,000 to \$10,000,000, making the total authorized stock \$25,000,000 (to be divided as called for by the conversion of the various stocks). V. 82, p. 807, 931; V. 83, p. 381.

**DIVIDENDS.**—On pref. stocks, 5% on 1st pref. and 6% on 2d pref. to Oct. 1904 (Q.-J.); since to July 1905, 1 1/2% on 1st pref. and 1/2% extra, and on 2d pref. 1 1/2% and 1/2% extra, and in Oct. 1905 to Oct. 1906, incl., 1/2% extra on each. V. 80, p. 118. On com., Dec. 1902 to Sept. 1906, incl., 1 1/4% quar., and from Dec. 1904 to June 1905 1/2% each extra, and since to Sept. 1906 1/2% extra, V. 81, p. 728.

**REPORT.**—Report for half-year ending Aug. 1 1906, with bal. sheet, was in V. 83, p. 561. Pres., John Claflin. Office, Church and Worth Sts., N. Y.—(V. 82, p. 511, 749, 807, 931; V. 83, p. 274, 381, 561.)

**BARNEY & SMITH CAR CO.**—Reincorporated in Ohio in 1906. Stockholders voted April 10 1906 to reincorporate under the laws of Ohio, redeem the outstanding \$1,000,000 of 6% bonds and issue \$2,000,000 of 5% bonds as of July 1 and increase the com. stock from \$1,000,000 to \$2,000,000. See plan V. 82, p. 695, 1158, 1498.

Stockholders voted April 10 1906 to reincorporate under the laws of Ohio, redeem the outstanding \$1,000,000 of 6% bonds and issue \$2,000,000 of 5% bonds as of July 1 and increase the com. stock from \$1,000,000 to \$2,000,000. See plan V. 82, p. 695, 158, 1498.

Pref. dividends resumed Dec. 1899, 2% quar. to Sept. 1906, incl.; 36% in com. stock paid May 1906 for deferred dividends. V. 82, p. 695, 1042. First div. on common since 1893. 1%, paid Sept. 15 1906. V. 83, p. 381.

**REPORT.**—Report for year ending Mch. 31 1906, V. 82, p. 1495.

Year.	Net.	Bad debts, &c.	Interest.	Pref. div.	Bal., sur.
1905-06	\$539,264		\$60,000	\$200,000	\$279,264
1904-05	180,332	67,245	60,000	200,000	def. 146,914

a Incl. \$68,026 increase in value of Southern Pine Timber at Milltown, Ga. Pres., James D. Platt. Office, Dayton, O.—(V. 83, p. 40, 381.)

**BETHLEHEM STEEL CORPORATION.—ORGANIZATION.**—Incorporated in N. J. on Dec. 10 1904 as successor per plan, V. 78, p. 587, of the U. S. Shipbuilding Co., and acquired the entire stock of the Bethlehem Steel Co. (see "Supp." Oct. 1902, and V. 78, p. 227) and the entire capital stocks of the following shipbuilding concerns:

Union Iron Works, San Francisco; Samuel L. Moore & Sons Co., Elizabethport, N. J.; Eastern Shipbuilding Co., New London, Conn. (V. 82, p. 571); Harlan & Hollingsworth Co., Wilmington, Del.; Carteret, N. J. Improvement Co., all "free from liens." See V. 82, p. 1050.

**DIVIDENDS.**—1 1/2% quar. paid Aug. 1905 to Aug. 1906, both inclusive.

**BONDS.**—The Bethlehem Steel Co.'s 1st extension 5s (\$12,000,000 authorized issue), guaranteed prin. and Int. by the new corporation, are secured by a first lien on about 250 acres acquired at Bethlehem and the improvements to be erected thereon. An annual s. f. of \$300,000 will begin July 1908. In Nov. 1905 \$8,000,000 were sold. V. 81, p. 1612; V. 82, p. 282, 1050, 1499.

**REPORT.**—Report for calendar year 1905 at length in V. 82, p. 1050, showed: Total net income, including subsidiary cos., \$3,622,476; bond interest, all cos., \$561,405; special reserves, \$295,671; depreciation, \$400,000; div. on pref. (3 1/2%), \$521,780; bal., sur., \$1,843,619.

**OFFICERS.**—Pres., Charles M. Schwab; Vice-Pres., Archibald Johnston; 2d Vice-Pres., Henry S. Snyder; Sec. and Treas., B. H. Jones; Asst. Treas., John A. McGregor. Office, 100 Broadway, N. Y.

**DIRECTORS.**—C. M. Schwab (Chairman), George R. Sheldon, Thomas F. Ryan, John E. Borne, Pilly Flisk, Edward M. Mellvain, Archibald Johnston, C. W. Wetmore and Oliver Wren. Office, 100 Broadway, N. Y.—(V. 82, p. 163, 282, 571, 807, 1039, 1050, 1499; V. 83, p. 820.)

**BORDEN'S CONDENSED MILK CO.—ORGANIZATION.**—Incorporated in N. J. on April 24 1899. V. 68, p. 821; V. 69, p. 1195; V. 74, p. 97, 579; V. 76, p. 656. Pref. stock is redeemable at 110 after 3 years from issue (if less than the whole to be paid, the number of shares to be drawn by lot).

Divs. on pref. to Sept. 1906 incl., 6% yearly (Q.-M.). On com., in 1902, 8%; 1903, 8%, and in Dec. 1 1/2% extra; 1904 and 1905, 8% (F. & A.), and in Dec., 2% extra; 1906, Feb., 4%; Aug., 4%. No bonds.

Pres., William J. Rogers; V. P., S. Frederic Taylor; Treas., F. D. Snove; Sec., Walter M. Gladding, 108 Hudson St., N. Y.—(V. 80, p. 873.)

**BROOKLYN FERRY.—ORGANIZATION.**—Owns ferries from Roosevelt St., Grand St., 23d St. and 42d St., N. Y., to Broadway, Brooklyn, and from Grand St., N. Y. to Grand St., Brooklyn; also leases Tenth & Twenty-third St. Ferry for 99 years from Dec. 1898 at 5% on \$550,000 bonds and 5% on \$1,000,000 stock. V. 67, p. 1206. Statement to N. Y.

Stock Exchange, V. 69, p. 1102. Mtge. covers real estate in Brooklyn and N. Y. and 16 steel boats. The interest on the first consols. due Aug. 1906 was defaulted. On Oct. 16 1906 Jos. J. O'Donohue was appointed receiver.

**COMMITTEE.**—A committee, Charles T. Barney, chairman, H. M. De Lanole, Secretary (Knickerbocker Trust Co., N. Y., depository), requested deposits of first consols. Over three-quarters has been deposited. V. 83, p. 274, 892. Stock auth., \$7,500,000; issued, \$6,500,000; par, \$100. Report for calendar year 1903, V. 78, p. 1277, showed, gross, \$1,420,495; net, \$612,422; interest on bonds, \$385,000; rentals, \$77,500; bal., sur., \$149,922.—(V. 81, p. 267; V. 83, p. 274, 892.)

**BROOKLYN UNION GAS.—ORGANIZATION.**—Incorporated in N. Y. State Sept. 9 1895, per plan V. 61, p. 831, and V. 62, p. 1141; V. 64, p. 887; V. 80, p. 1854. Suit to test validity of 80-cent gas law, V. 82, p. 1042, 1103, 1214.

**STOCK, &c.**—Stock was authorized Dec. 30 1903 to be increased from \$15,000,000 to \$20,000,000 for extensions and improvements. The debentures are convertible into stock at par after Mch. 1 1907. V. 77, p. 2341; V. 78, p. 289.

**DIVIDENDS.**—1896-1900. 1901-1903. 1904. 1905. 1906.  
Per cent. 6 yearly. 8 yearly. 9 1/2 8 1/2 Mch., 2; June, 1  
In Sept. 1906 no dividend was paid, but resumption thought not unlikely within a few months. V. 83, p. 274.

**BONDS.**—Mortgage of 1895 is for \$15,000,000 of bonds, subject to:

Bonds.	Interest.	Outstanding.	Maturity.
Citizens' Gas con. M.	5% F. & A.	\$266,000	Feb. 1 1940
Union Gas L. con M.	5% J. & J.	87 000	Jan. 1 1920

Assets and liabilities Oct. 1 1905 V. 82, p. 931.

**REPORT.**—Report for year ending Dec. 31 1904 in V. 80, p. 1853. Pres., James Jourdan; Treas., E. R. Chapman. Office, 180 Remsen St., Brooklyn, N. Y.—(V. 81, p. 33, 156; V. 82, p. 931, 1042, 1103, 1214; V. 83, p. 274.)

**BRUNSWICK (GA.) DOCK & CITY IMPROVEMENT CO.**—Successor to Brunswick Co. per plan in V. 65, p. 326; see also V. 66, p. 1034. Official statement showing properties, &c., and balance sheet Mch. 31 1905, V. 81, p. 612. Stock, \$5,000,000. In Dec. 1905 control was changed. V. 81, p. 1794. Pres., Howel H. Barnes; V.-P., John A. L. Campbell; Sec. and Treas., A. G. Kraetzer Jr., 20 Broad St., N. Y.—(V. 81, p. 612, 1794.)

**BUFFALO GAS.**—Organized in Oct. 1899 and consolidated the Buffalo City Gas Co. and Buffalo Gas Light Co. See listing, V. 77, p. 34. Stock, common, \$7,000,000; pref., 6% non-cum., \$2,000,000, of which \$1,713,000 outstanding; par, \$100. In April 1906, J. & W. Seligman & Co. requested bondholders to communicate with them regarding certain matters which had not yet taken definite shape. V. 82, p. 989.

Oct. 1 to Aug. 31 1906, 11 months, net, \$309,117. Report for year ending Sept. 30 1905 in V. 81, p. 1663, showed net, \$324,104; Int. on bonds, \$290,250; bal., sur., \$33,854. A. C. Humphreys, 31 Nassau St., Pres.—(V. 79, p. 2585; V. 81, p. 1663; V. 82, p. 989; V. 83, p. 494.)

**BUFFALO & SUSQUEHANNA IRON COMPANY.—(See Map.)—ORGANIZATION.**—Incorporated in New York May 14 1902 and owns 50 acres on Buffalo Harbor, South Buffalo, N. Y., on which has been built a plant with two blast furnaces having a capacity of about 700 tons of pig iron daily. One furnace operated since Sept. 1904; second furnace since July 1905. Leases for 50 years ore lands in Mesaba range, near Hibbing, Minn., and in Menominee range at Iron Mountain, Mich., and coal lands at Tyler and Sykesville, Pa., in the well known Reynoldsville basin. Affiliated with the Buffalo & Susquehanna Ry., which is building extension to Buffalo. See that co. under "Railroads"; also V. 74, p. 1040, 1092; V. 75, p. 795; V. 76, p. 596; V. 78, p. 770; V. 79, p. 1463, 2061, 2091-2. Stock, \$1,000,000. First dividend, 15% paid June 1906. V. 82, p. 1214.

Application to list showing properties owned, balance sheet April 30 1906, &c., was in V. 83, p. 101.

**BONDS.**—The \$3,000,000 1st mortgage gold 5s of 1902 (N. Y. Trust Co., trustee) are due June 1 1932 but are subject to call as an entire issue at 107 1/2 and interest on any interest day after Dec. 1 1907; they are also redeemable at par for the sinking fund in the order of their number beginning at the lowest number at the rate of \$100,000 yearly from June 1 1907 to June 1 1931, both inclusive. An authorized issue of \$1,500,000 (all outstanding) 20-year 5% debentures sold to Flisk & Robinson Jan. 1 1906, proceeds of sale for purchase of additional ore properties and additional working capital. The debentures are to be secured by any future mtge. placed on the property. See V. 82, p. 220.

**EARNINGS.**—10 months ended April 30 1906: Net, \$506,458; charges \$157,310; surplus, \$343,148.

**Directors.**—Wm. A. Rogers (Pres.), F. H. Goodyear (1st V.-P.), C. W. Goodyear (2nd V.-P.), Hugh Kennedy (Gen. Man.) and S. M. Clement. Sec. and Treas., H. D. Carson.—(V. 82, p. 220, 1214; V. 83, p. 98, 100.)

**BUSH TERMINAL COMPANY.—ORGANIZATION, &c.**—Incorporated in New York on Feb. 14 1902 (V. 74, p. 477). Owns extensive terminals on the water front, 40th to 51st streets, Brooklyn, covering city blocks, 6 piers, each 1/4 mile in length, a large number of warehouses, railroad tracks, &c.; also real estate covering 9 blocks between 28th and 37th streets, to be improved with factories and other buildings. See statement V. 76, p. 974, 1032; V. 77, p. 1227; V. 79, p. 1956; V. 82, p. 1039.

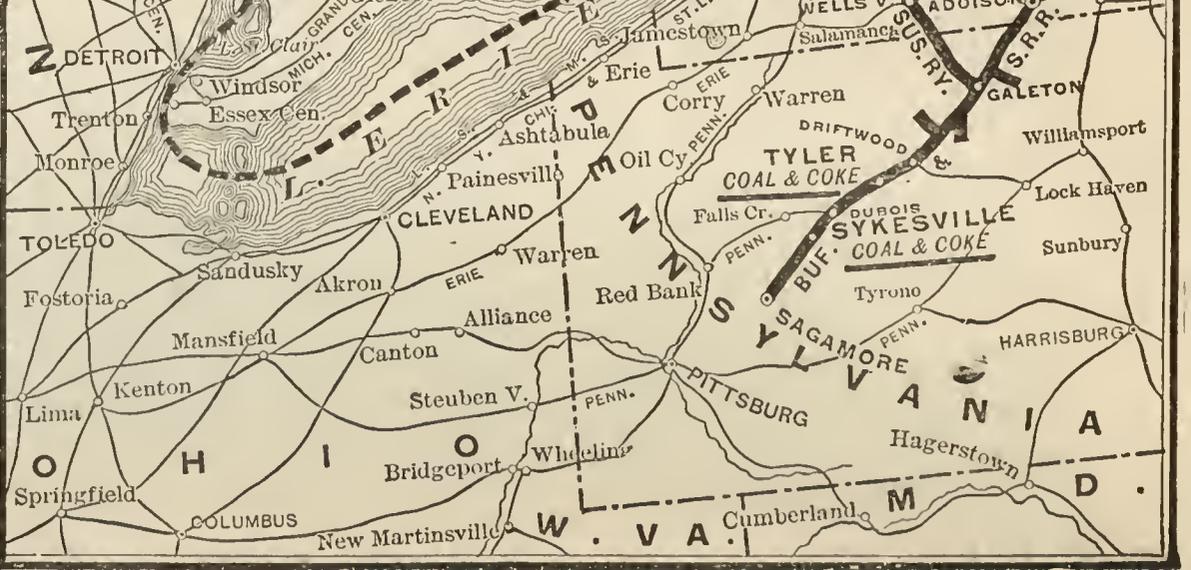
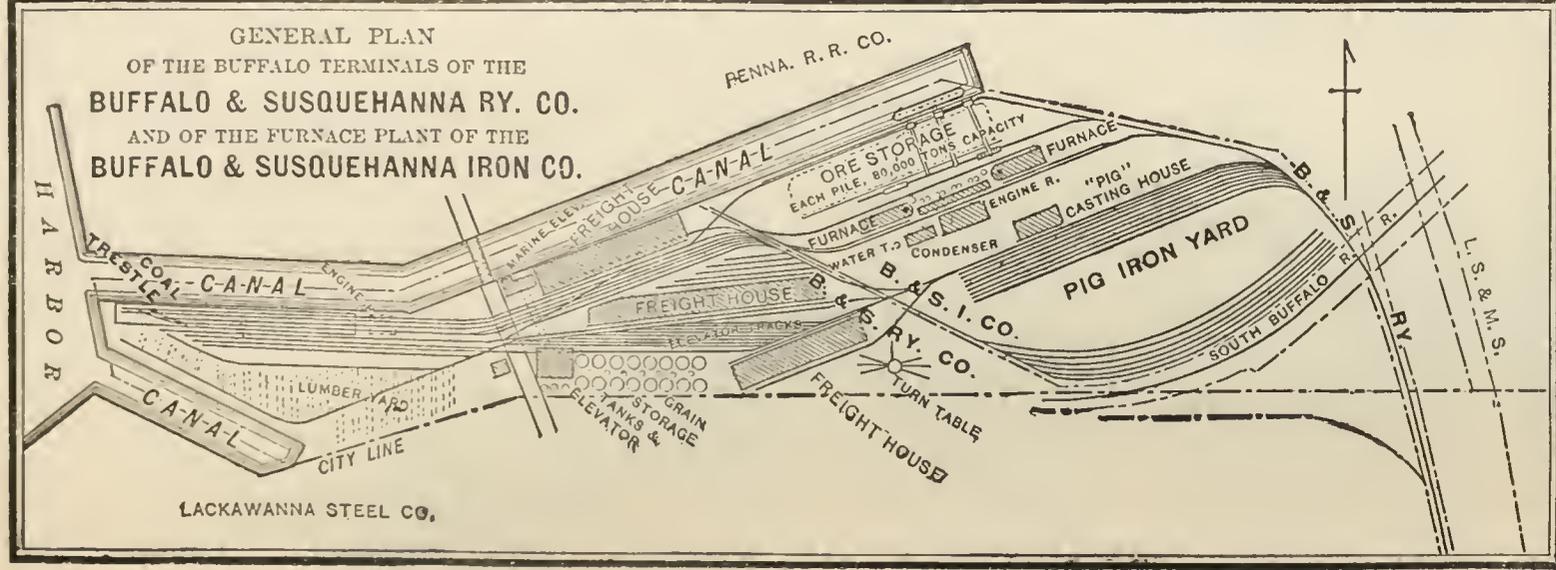
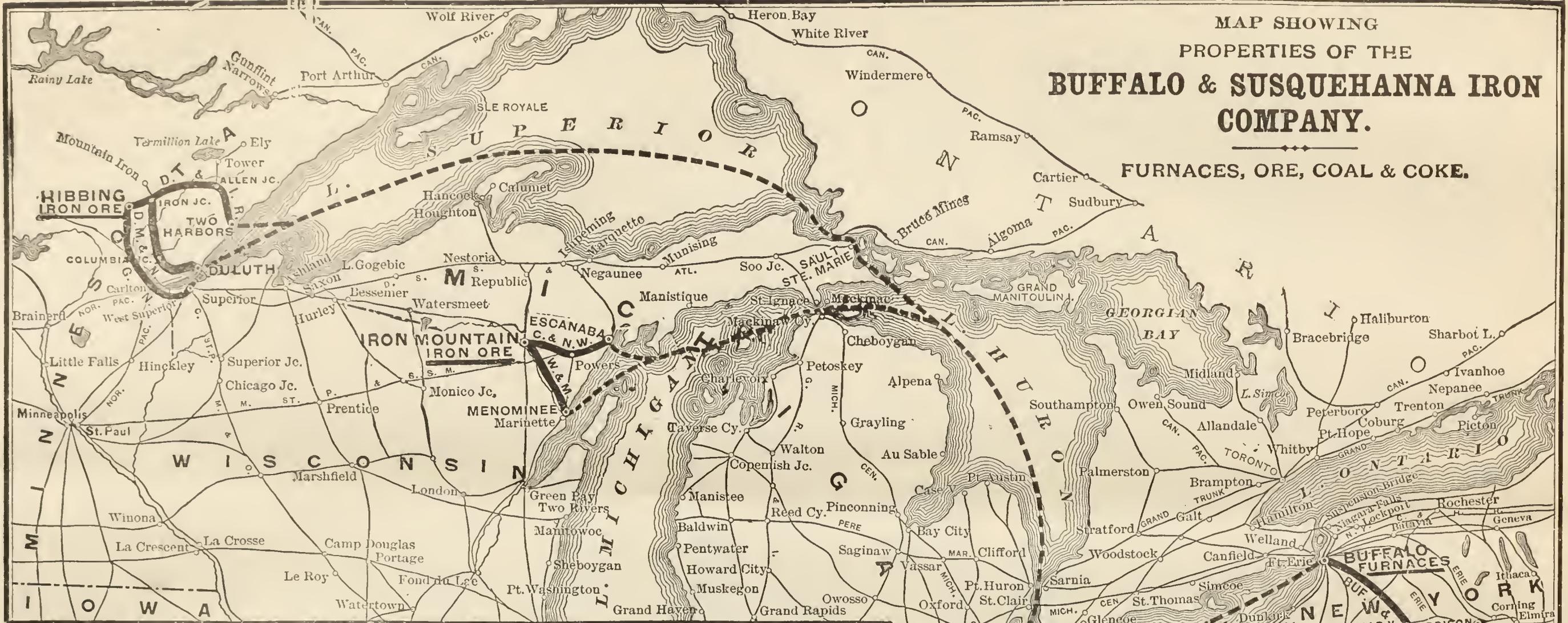
**SECURITIES.**—Stock authorized, \$7,000,000 common (par of shares, \$100 each), of which \$3,500,000 is outstanding, the balance being reserved for the conversion of 1st 4s of 1902 at option of the holders, dollar for dollar, on or before Jan. 1 1910. Div. on pref., 5%, paid Feb. 1906.

Of the 50-year consol. 5s, \$1,500,000 was issued in part payment for the Bush Co., Ltd., \$4,459,000 is reserved to retire the 1st 4s of 1902, a \$300,000 mtge. on the Bush Co. property and a \$700,000 real estate mtge., the latter covering 9 blocks between 28th and 37th streets, and \$4,041,000 was applicable for general purposes, of which \$3,300,000 has been issued. V. 79, p. 1956; V. 80, p. 999, 1005, 1177; V. 81, p. 1243.

**REPORT** for year ending Dec. 31 1905 in V. 82, p. 927 showed gross, \$740,954; net, \$429,407; charges, \$309,334; bal., sur., \$120,073. Pres., Irving T. Bush; V.-P., C. J. Lawrence; Treas., R. Gould Simonds; Sec., H. W. Greene. Office, 100 Broad St., N. Y.—(V. 82, p. 1039, 1441.)

**BUTTE COALITION MINING CO.—ORGANIZATION.**—Incorporated Feb. 24 1906 in New Jersey and owns the entire (\$11,000,000) stock of the Red Metal Mining Co., an operating company which acquired the mining properties of the United Copper Co. V. 82, p. 396, 511. Also has over \$3,000,000 cash and owns a majority of the stock (400,000 shares) of the Alice Gold & Silver Mining Co. (of Butte). Stock, \$15,000,000; par of shares, \$15. First div. (quar.), 40 cents per share, paid Sept. 17 1906. V. 83, p. 325, 381. Balance sheet May 18 1906, V. 83, p. 98. Pres., Thomas F. Cole, Duluth, Minn.; Vice-Pres., John D. Ryan, Butte, Mont.; Sec. and Treas., James O'Grady. Office, 42 Broadway, N. Y. Directors V. 82, p. 511.—(V. 82, p. 511; V. 83, p. 98, 325, 381.)

MAP SHOWING  
 PROPERTIES OF THE  
**BUFFALO & SUSQUEHANNA IRON  
 COMPANY.**  
 FURNACES, ORE, COAL & COKE.



For explanation of column headings, &c., see notes on first page of tables.	Date of Bonds	Size, or Par Value.	Amount Outstanding	INTEREST OR DIVIDENDS.				Bonds—Principal, When Due. Stocks—Last Dividend.
				Rate %	When Payable.	Where Payable and by Whom.		
Buffalo & Susquehanna Iron—Stock \$1,000,000		\$100	\$1,000,000	See text.	See text.		June 15 '06 15 %	
First mortgage \$3,000,000 gold red (text)	1902	1,000	3,000,000	5 g	J & D	Fisk & Robinson, N Y	June 1 1932	
Debentures \$1,500,000 gold red 105 after Sept 1910. K.c.* & R	1906	1,000	1,500,000	5 g	M & S	do do	Jan 1 1926	
Bush Terminal Co.—Common stock \$7,000,000		100	3,500,000					
Preferred 5% non-cumulative \$1,500,000		100	1,500,000	5 in 1906			Feb 1906, 5 %	
First M \$3,500,000 (V 76 p 974) conv s f begin 1907. K.c.*	1902	1,000	3,417,000	4 g	A & O	Knickerbocker Tr Co., N.Y.	April 1 1952	
First consolidated mortgage \$10,000,000	1905	1,000	4,800,000	5 g	J & J	Title Guar & Tr Co., N Y	Jan 1 1955	
Butte Coalition Mining—Stock, \$15,000,000		15	15,000,000	See text.	Q—M		Sep 17 '06, 40c	
Butte Electric & Power—Common stock \$5,000,000 auth.		100	3,000,000	See text.	Q—M 15	Checks mailed.	Sep 15, '06 1 %	
Preferred stock 5% cumulative \$1,000,000		100	1,000,000	5 in 1906	Q—F	do	Nov 1 '06, 1 1/4 %	
First mortgage gold s f due part yearly June 1. Usm.c*	1901	1,000	2,134,000	5 g	J & D	U S Mort & Tr Co N Y	June 1 '07-'51	
Montana Power Transmision \$750,000 g guar p&l red (text)	1903	500 &c	600,000	5 g	F & A		Aug 1 1933	
Madison River Power 1st M \$5,000,000 g guar p&l red (text)	1905	1,000	1,000,000	5 g	F & A	30 Broad Street, N Y	Feb 1 1935	
Butterick Co.—Stock \$12,000,000 (bonds see text)		100	12,000,000	4 in 1905	Q—M		Sep 1906 1 %	
Calumet & Hecla Mining—Stock \$2,500,000		25	2,500,000	200 in '05	Q—M		Sep 20 '06, 80 %	
Cambria Iron—Stock (4% guaranteed)		50	8,468,000	4 in 1906	A & O	Checks mailed	Oct 1 '06, 2 %	
Cambria Steel—Stock \$50,000,000		50	45,000,000	3 in 1906	F & A	do	Aug 15 '06, 75c	
Celluloid Co.—Stock \$6,000,000 authorized		100	5,925,000	8 in 1906	Q—J	Office, 30 Wash Pl N Y	Oct 1 '06, 1 1/2 %	
Central Fireworks—Common stock \$1,750,000			1,406,800	See text.	See text.	Checks mailed	Sep 1906 1 %	
Preferred stock 7% cumulative \$1,750,000			1,267,200	7 in 1906	M & S	do do	Sep '06, 3 1/2 %	
Central Foundry—Common stock \$7,000,000		100	6,650,000					
Preferred stock 7% cumulative \$7,000,000		100	6,650,000					
Debentures \$4,000,000 gold redeemable at 105	1899	1,000	3,863,000	6 g	M & N	Baring, Magoun & Co., N.Y.	May 1 1919	
Central Leather Co.—Common stock \$40,000,000		100	38,110,900					
Preferred 7% cumulative \$40,000,000 (also as to assets)		100	30,533,900	See text.	Q—J	New York	Oct 1 '06, 1 1/4 %	
First lien gold bonds \$45,000,000	1905		33,882,000	5 g	A & O	Central Trust Co, N Y	April 1 1925	
U S Leather deb gold sink fd 4% subject to call at 110. Ce	1893	1,000	5,280,000	6 g	M & N	Park Bk. N Y; & Boston	Nov 1 1913	
Central & South American Telegraph—Stock \$8,000,000		100	7,725,600	6 in 1906	Q—J	Office, 66 B'way, N Y	Oct 6 '06, 1 1/2 %	

**BUTTE ELECTRIC & POWER CO.—ORGANIZATION.**—Incorporated in N. J. in 1901 as a consolidation of the light and power companies in Butte Mont., and vicinity. V. 72, p. 1190; V. 73, p. 139; V. 81, p. 615, 1045; V. 82, p. 394, 1441. Controlled by North American Co., General Electric parties being also interested.

**STOCK.**—Common stock was increased Feb. 1906 from \$2,000,000 to \$5,000,000, of the new stock \$1,000,000 being taken by stockholders to purchase electric railway and lighting plants in Mont. V. 82, p. 394, 572, 1441.

**DIVIDENDS.**—On pref., 1 1/4% paid Feb. 1902 to Nov. 1906, incl., 5% being declared payable during 1906. On com., 1 1/2% paid semi-ann. Mch. 15 1903 to Sept. 15 1905; Dec. 15 1905, 1% in 1906, to Sept., 1% quar.

**BONDS.**—Additional 1st 5s of 1901 may be issued for 75% of cost of extensions and improvements. Of the bonds, \$25,000 mature yearly to 1930, incl., \$320,000 in 1931 and balance, including further amounts issuable (total \$2,786,000) will mature in 1951. V. 80, p. 713; V. 73, p. 139; V. 82, p. 1441. Madison River guar. 5s are subject to call at 105 on Feb. 1 1907. The unissued bonds are reserved for 80% of actual cost of extensions and improvements. V. 81, p. 615, 1045. Montana Power Transmission guar. bonds may be called in whole or part at 105 on Aug. 1 1908. V. 81, p. 615; V. 69, p. 1251.

**EARNINGS.**—For calendar year 1905, gross, \$674,756; net, \$361,873; interest charges, \$166,700; sink fund chgs., \$6,314; bal., sur., \$188,859. Pres., C. W. Wetmore; Sec. and Treas., P. E. Bisland. N. Y. office, 30 Broad St.—(V. 82, p. 394, 572, 1441.)

**BUTTERICK CO.—ORGANIZATION.**—Incorporated in N. Y. on Jan. 15 1902. Owns stocks of various cos. publishing fashion magazines, manufacturing paper patterns, &c. See official statement in V. 75, p. 237. Stock \$12,000,000, all outstanding. Div., 1% quar. paid Sept. 1902 to Sep. 1906, both incl. Underlying bonds, \$1,200,000 Federal Pub. Co. colliat. 6s due 1920, payable 10% yearly, beginning 1910, of which \$600,000 has been retired, and \$600,000 Butterick Pub. Co. 4 1/2% real estate mtge., maturing Sept. 7 1909. V. 79, p. 1706. Report for calendar year 1905 in V. 82, p. 1267, showed gross profits of operating cos., \$702,112; net profits over reserve &c., \$555,419; dividend, \$480,000; bal., sur., \$75,419. Pres., G. W. Wilder; Treas., C. D. Wilder; Sec., Ben Wood, Butterick Bldg., Spring and Macdougall Sts., New York City.—(V. 79, p. 1706; V. 80, p. 1727; V. 82, p. 989, 1158, 1267.)

**CALUMET & HECLA MINING.**—Stock, \$2,500,000; par, \$25. **DIVIDENDS.**—'97. '98. '99. '00. '01. '02. '03. '04. '05. 1906. Per cent.-----160 200 400 280 180 100 140 160 200 Incl. Sep., 200 In 1905-06 produced 50,526 tons of refined copper, against 42,822 in 1904-05. Report for year ending April 30 1906 in V. 83, p. 209.—(V. 80, p. 873; V. 81, p. 267, 504, 670, 1552; V. 83, p. 209, 438.)

**CAMBRIA STEEL CO.**—Incorporated in Pennsylvania in Nov. 1898, per plan in V. 67, p. 688, leasing Cambria Iron Co. for 999 years at 4% on its \$8,468,000 stock. V. 68, p. 128; V. 75, p. 443; V. 76, p. 862; V. 78, p. 1166. Proposed improvements, V. 82, p. 1499.

In June 1901 a controlling interest was acquired by Penn. RR. and affiliated roads. V. 72, p. 1282, 1190; V. 73, p. 84, 393. Notes (5s), \$565,000 due in 1906.

**DIVIDENDS.**—Since reorg.: 1902 to Aug. 1906, incl., 3% yearly. Report for year ending Dec. 31 1905, with balance sheet, was in V. 82, p. 689, showing net, \$4,100,183; other income, \$343,628; charges, \$443,475; dividends (3%), \$1,350,000; betterments, improvements and depreciation funds, \$2,550,000; bal., sur., \$100,336. Office, Arcade Bldg., Philadelphia. Directors, V. 73, p. 339, 844.—(V. 82, p. 689, 1499.)

**CELLULOID COMPANY.—ORGANIZATION.**—Incorporated Nov. 28 1890 in New Jersey. Stock, \$6,000,000; issued, \$5,925,000; par, \$100.

**DIVID'S.**—'96. '97. '98. '99. '00. '01. '02. '03. '04. '05. 1906. Per cent.-----4 1/2 4 4 1/2 6 7 7 8 8 8 8 8 8 Factories at Newark, N. J.; office, 30 to 36 Washington Place, N. Y. Pres., M. C. Loefferts; V.-P., L. E. Loefferts; 2d V.-P., D. G. Maynard; Treas., F. R. Loefferts; Sec., J. R. Halsey.—(V. 82, p. 754.)

**CENTRAL FIREWORKS CO.—ORGANIZATION.**—Incorporated in New Jersey June 1896. Properties controlled, see V. 72, p. 341. Divs. on common: 2% yearly paid Aug. 1900 to Aug. 1903, both incl. (F.&A.); in 1904, Sept., 1/2 W; in 1905, Mch., 1%, Sept., 1%; in 1906, Mch., 1/2%, Sept., 1%; on pref., 7% yearly to Sept. 1906 (M. & S.). There are no bonds. Pres., Wm. A. Turner; Sec. and Treas., Geo. T. Egbert. Office, 9 and 11 Park Place, N. Y.—(V. 78, p. 1500; V. 82, p. 989.)

**CENTRAL FOUNDRY.**—Incorporated in New Jersey on July 11 1899 and acquired manufacturing of soil pipe sold to control 95% of trade in the U. S.; V. 69, p. 178; V. 71, p. 1222; V. 81, p. 779; V. 83, p. 489. Stock, see table above. Report for year ending June 30 1906 was in V. 83, p. 433, 489, showing: Profits, \$493,769; bond interest, \$231,780; equipment, &c., \$36,095; depreciation, \$225,894; bal., none. Directors, Aug. 1906, V. 79, p. 905; V. 81, p. 779; V. 83, p. 438. Pres., Alfred Fowle Jr.; Sec. and Treas., W. L. Rogers. Office, 116 Nassau St., N. Y.—(V. 83, p. 326, 433, 438, 489.)

**CENTRAL LEATHER CO.—ORGANIZATION.**—Incorporated in New Jersey on April 12 1905 as a reorganization, per plan V. 79, p. 2751, of the U. S. Leather Co. (V. 56, p. 757; V. 57, p. 23; V. 71, p. 817; V. 81, p. 213, 560, 1176, 1852.) Output, sole leather. The old U. S. Leather preferred stock per \$100 received in new securities \$50 bonds, \$50 preferred and \$23 50 common stock, and the old common \$30 in new common stock. In July 1905 \$60,000,000 of the \$62,882,300 common and \$56,160,000 of the \$62,282,300 U. S. Leather pref. stock (6% dividends paid on latter) had been acquired. Statement to N. Y. Stock Exchange showing properties acquired, rights of stock, &c., V. 81, p. 504; V. 82, p. 159.

**STOCK AND BONDS.**—Stock authorized, \$40,000,000 each of common and 7% cum. pref.; par, \$100. Of the securities, \$13,858,850 bonds, \$8,858,850 pref. and \$298,969 common stock were reserved to retire the old debentures and for additional properties, working capital, &c. The new bonds will be secured by a 1st mtge. on all the assets and lands acquired and, pending their physical acquisition, by the shares of the old company (over 90% acquired), and all the stock and bonds of its subsidiaries, including the \$9,000,000 1st mtge. 5% 15-year sinking fund gold bonds and \$10,000,000 stock of the Central Pennsylvania Lumber Co. (authorized amount \$20,000,000). V. 76, p. 1196; V. 78, p. 50; V. 81, p. 1176.

Debentures have sinking fund 4% of issue yearly, and are purchased or drawn at 110; \$9,653,000 have been certified, but on Dec. 31 1904 only \$5,280,000 outstanding and \$1,400,000 in the treasury; of the latter about \$400,000 retired by sinking fund and canceled Aug. 1 1902. V. 74, p. 732. See adv. in "Chronicle" of May 6 1893 and application in V. 57, p. 23.

**DIVIDENDS.**—Oct. 1905 to Oct. 1906, both incl., 1 1/4% quarterly. **ANNUAL REPORT.**—Fiscal year ends Dec. 31. Report for period ending Dec. 31 1905, with balance sheet and bal. sheet of U. S. Leather Co.,

was in V. 82, p. 507, showing: Total income, \$1,205,791; expenses, int., &c., \$569,456; dividends paid Oct. 1 1905 \$518,297; bal., sur., \$118,038. Report of old company for 1904 was in V. 80, p. 870; V. 81, p. 208, showing:

Yr.	Receipts.	Admin. exp.	Taxes, &c.	All int.	Prof. div.	Bal., sur.
1904	\$4,928,862	\$416,552	\$174,021	\$497,045	\$3,733,938	\$107,506
1903	4,830,834	394,095	146,870	497,794	3,738,938	58,137

**DIRECTORS.**—Edward C. Hoyt, A. Augustus Healy, Walter G. Garritt, P. A. Valentine, Nathan Allen, Eugene Horton, Samuel P. Davidge, J. Ogden Armour, John J. Lapham, Paul M. Warburg, Lewis H. Lapham, Frank Healy, L. C. Krauthoff, Geo. W. Childs, Charles Wallen, Henry P. Darlington, C. Sumner Horton. **OFFICERS.**—Pres., E. C. Hoyt; Sec., H. W. Hill; Treas., James R. Plum. N. Y. Offices, 52 William and 26 Ferry Sts.—(V. 81, p. 1852; V. 82, p. 159, 507.)

**CENTRAL & SOUTH AMERICAN TELEGRAPH.**—Owns cable from Vera Cruz, Mex., to Valparaiso, Chili, 4,750 miles, and land lines 350 miles, &c. Also the Trans-Andine telegraph lines, 1,200 miles. Connects at Vera Cruz with Mexican Telegraph Co., and owns an interest in cable and duplicate cable between Galveston and Coatzacoalcos 825 miles &c.

**DIVIDENDS.**—'85. '86. '87. '88-96. '97. 1898 to Oct. 1906. Per cent.-----4 4 6 7 y'rly. 6 3/4 6 yearly (Q.-J.) In 1890 20% in stock.

**EARNINGS.**—For 6 mos. ending June 30 (partly estimated): **6 mos.** Gross. Net. Other inc. Dividends. Bal., sur. 1906 (est.) -----\$695,000 \$479,000 \$12,000 (3%) \$231,768 \$259,232 1905 (est.) -----611,500 403,000 15,500 (3%) 231,768 186,732 Report for year ending Dec. 31 1905 was in V. 82, p. 1495, showing gross earnings, \$1,316,249; net, \$885,300; dividends (6%) \$463,536; renewals, \$43,374; bal., sur., \$378,390. Year 1904, gross, \$1,140,454; net, \$727,032; dividends, \$463,536. Office, 66 B'way.—(V. 82, p. 1495, 1498.)

**CENTRAL UNION TELEPHONE (CHICAGO).**—The company controls the Bell telephone business in Indiana, in Ohio with the exception of Cleveland and Cincinnati, and in Illinois excepting Cook and four other counties. Subscribers Jan. 1906, 203,828. V. 82, p. 630. Stock outstanding Dec. 31 1905, \$5,450,927, of which \$4,183,900 owned by Amer. Teleph. & Telegraph Co. V. 73, p. 901. See V. 72, p. 1190; V. 73, p. 618; V. 81, p. 213. Subscribers, V. 82, p. 1375; V. 83, p. 98.

Of the \$6,000,000 10-20-year gold consol. 5s due Jan. 1 1919 (Old Colony Trust Co. of Boston, trustee), \$2,500,000 are reserved for 1st 6s subject to call at 105 after July 1 1906 (Ill. Trust & Savings Bank, trustee). V. 73, p. 446; V. 68, p. 379, 472, 570; V. 71, p. 86. Business in 1905, V. 82, p. 630. Report for 1903 in V. 78, p. 341. Pres., L. G. Richardson. Office, Majestic Bldg., Indianapolis.—(V. 82, p. 630, 1375; V. 83, p. 98.)

**CHESAPEAKE & DELAWARE CANAL.**—Owns canal from Delaware City to Chesapeake City, Md. In June 1893 bondholders were asked to accept 4% interest (in place of 5%) until contingent fund, reduced to \$49,613, should again amount to \$100,000. On June 28 1906 a joint resolution of Congress was passed providing for possible sale to U. S. Govt. V. 83, p. 92. Bonds, \$2,602,950 (extended in 1886); due July 1 1916; int. J. & J. Interest is payable at the office in Philadelphia. Report for year ending May 31 1906 in V. 83, p. 92, showed: Gross receipts, \$179,383; maintenance of canal, \$65,779; net, \$113,604; interest charges, \$104,118; surplus, carried to contingent fund, \$9,486. Stock, \$1,903,238; par, \$50. Pres., Frank L. Neal, resigned. Office, 528 Walnut St., Philadelphia.—(V. 83, p. 92, 494.)

**CHESAPEAKE & OHIO CANAL.**—"Supp." 1890; V. 81, p. 268.

**CHICAGO EDISON CO.—ORGANIZATION.**—Controls Edison patents for electric lighting in Cook Co., Ill., under perpetual license from Ed. Elec. Light Co. of N. Y. In Jan. 1893 the Chicago Arc Light Co. was purchased. The Chicago Sectional Underground Co. is leased, its \$227,000 4% bonds being guaranteed, principal and interest, and interest on \$33,000 5%. See Commonwealth Electric Co. below.

**STOCK.**—Stockholders in Mch. 1906 subscribed for \$1,775,395 new stock at par, raising amount outstanding to \$13,614,115. V. 82, p. 511.

**DIVIDENDS.**—1889 to Nov 1906, incl., 8% per annum. (Q.-F.)

**REPORT.**—Report for year ending Mch. 31 was in V. 83, p. 33.

Year—	Gross.	Net.	Charges.	Dividends.	Bal., sur.
1905-06	\$4,744,823	\$1,550,025	\$463,976	(8%) \$887,556	\$198,493
1904-05	4,051,082	1,423,613	460,232	(8%) 789,262	274,119

Pres., Samuel Insell; Sec. and Treas., William A. Fox. Office, 139 Adams St., Chicago.—(V. 82 p. 511, 1441, 1499; V. 83, p. 33.)

**CHICAGO JUNCTION RAILWAYS & UNION STOCK YARDS.—ORGANIZATION.**—Incorporated in New Jersey, and purchased 98% of the stock of Union Stock Yards & Transit Co. of Chicago. Thus controls over 450 acres of land (with one mile of water front), containing warehouses, sheds and pens to accommodate 75,000 cattle, 300,000 hogs, &c. See Chicago Junction Ry. in "Railroads."

**DIVIDENDS.**—On pref., 6% yearly (Q.-J.). On common, 1891, 10%; 1892 to Oct. 1906, inclusive, 8% yearly (Q.-J.). V. 70, p. 328.

**BONDS.**—The collateral trust bonds are secured by pledge of over 120,000 shares of the stock of Union Stock Yards & Transit Co. Of the \$14,000,000 4% bonds, \$10,000,000 are reserved to take up the collateral trust 5s. See V. 70, p. 1251; V. 72, p. 339.

**REPORT.**—Report for 1905 in V. 82, p. 564.

Year ending Dec. 31—	1905.	1904.	1903.
Dividends of U. S. Y. Co., &c.	\$1,855,795	\$2,531,282	\$1,849,175
Balance previous year	893,679	681,685	522,922
General expenses, rents, &c.	77,975	67,603	65,412
Interest on bonds	660,000	660,000	660,000
Dividends	910,000	910,000	910,000
Depreciation			55,000

Balance, surplus	1905.	1904.	1903.
	\$1,101,499	\$893,679	\$681,685

**Un. Stk. Yds. & Tr. Co.—** 1905. 1904. 1903. Gross earnings ----- \$5,539,099 \$4,944,635 \$5,164,829 \$1,547,197 Net earnings ----- 2,041,790 1,948,713 2,062,824 2,075,360

**DIRECTORS.**—Nathaniel Thayer (Pres.), F. H. Prince (1st V.-P.) Geo. P. Gardner (2d V.-P.), Gordon Abbott, E. N. Foss, Geo. H. Norman and Mark T. Cox of Boston, and Chas. G. Dawes of Chicago; J. Kean, N. J.; W. D. Guthrie, N. Y. N. Y. office, 25 Broad St.—(V. 82, p. 564)

**CHICAGO PNEUMATIC TOOL CO.—ORGANIZATION.**—Incorporated in New Jersey on Dec. 28 1901, and took over the Chicago Pneumatic Tool Co., Boyer Machine Co. of Detroit, Standard Pneumatic Tool of Aurora, Ill.; Canadian Pneumatic Tube Co., &c. Owns entire £300,000 stock of Consol. Pneumatic Tool Co. of London; V. 76, p. 379; V. 78, p. 1389; V. 80, p. 648; V. 81, p. 33. In 1904 the company began to manufacture electric tools. V. 79, p. 905; V. 80, p. 648.

For explanation of column headings, &c., see notes on first page of tables.	Date of Bonds	Size, or Par Value.	Amount Outstanding	INTEREST OR DIVIDENDS.			Bonds—Princ- pal, When Due. Stocks—Last Dividend.
				Rate %	When Payable.	Where Payable, and by Whom.	
Chicago Edison—Stock \$15,000,000.		\$100	\$13,614,115	8 ln 1906	Q—F	Checks mailed	Nov 1 '06, 2%
First mortgage \$6,000,000 gold red par after 1910.	1896	1,000	5,500,000	5 g	A & O	Merchants' L & Tr Co, Ch	July 1 1926
Debentures redeemable at par.	1893	1,000	1,483,000	6 g	J & J	do do	Jan 1 1913
Chicago Junction Rys & Union Stock Yards—Common stock		100	6,500,000	8 ln 1906	Q—J	Office, 25 Broad St, N Y	Oct 1 '06, 2%
Preferred 6% cumulative preferred also as to assets.		100	6,500,000	6 ln 1906	Q—J	do do	Oct 1 '06 1½%
Collateral trust gold \$ or £.	Ce.c.* 1890	1,000	10,000,000	5 g	J & J	Central Tr, N Y; & Lond	July 1 1915
Mortgage and coll trust ref gold bonds \$14,000,000.	S.c.* & r 1900	1,000 & c	4,000,000	4 g	A & O	Standard Trust Co, N Y	April 1 1940
Chicago Pneumatic Tool Co.—Stock \$7,500,000.		100	6,113,800	4 ln 1906	Q—J	Checks mailed	Oct 25 '06, 1%
First mortgage gold redeemable (see text).	1901	1,000	2,092,000	5 g	J & J	Nat City Bank, N Y	Dec 31 1921
Clafin (H B) Company—Common stock.		100	3,829,100	8 ln 1906	Q—J	Checks mailed	Oct 15 '06, 2%
First preferred 5% gold cumulative. (preferred as to prin-)		100	2,600,300	5 ln 1905	Q—F	do do	Aug 1 '06, 1½%
Second preferred 6% cumulative. (pal and dividends.)		100	2,570,600	6 ln 1905	Q—F	do do	Aug 1 '06, 1½%
Colorado Fuel & Iron—Common stock \$44,200,000 auth.		100	32,133,000				
Preferred stock 8% cumulative \$2,000,000.		100	2,000,000				
Debentures redeemable at 105.	1C.c.* & r 1901	1,000	1,036,000	5 g	F & A	See text.	Aug 1 1911
Colorado Fuel Co's general mortgage gold s f red 105.	Ce.c.* & r 1889	1,000	520,000	6 g	M & N	Metropolitan Tr Co, N Y	May 1 1919
Col Fuel & Iron gen M (\$6,000,000) g s f red 105.	Ce.c.* & r 1893	1,000	5,351,000	5 g	F & A	Chase National Bank, NY	Feb 1 1943
Col Indus first M gold ser A & B guar p & l call 105.	N.c.* & r 1904	1,000	34,031,000	5 g	F & A	New York Trust Co, N Y	Aug 1 1934
<b>Bonds of Properties Controlled.</b>							
Grand River Coal & Coke 1st M gold (\$125,000 guar).	Ce.c.* 1889	1,000	907,000	6 g	A & O	Knickerbocker Tr Co, NY	April 1 1919
Colorado Coal & Iron Devel 1st M gold red 105.	Ce.c.* & r 1889	1,000	666,000	5 g	J & J	Central Trust Co, N Y	July 1 1909
Rocky Mountain Coal & Iron first mortgage gold guar.	K 1901	1,000	647,000	5 g	M & N	Knickerbocker Tr Co, NY	May 1 1951
Col & Hock C & I—Com stock \$7,000,000 (also \$18,600 5% pd)		100	6,925,600				
Preferred stock 6% non-cumulative \$500,000.			200,000				
First mortgage gold (old 6s interest reduced).	Ce.c.* 1887	1,000	754,000	5 g	J & J	Central Trust Co, N Y	Jan 1 1917
Coll tr pur money & M bonds \$1,000,000 g s f red 110.	Ba.c 1906	1,000	400,000	6 g	J & J	1st coup (3 mos) Jan '07	Oct 1 1956
Commercial Cable—See Mackay Companies.							

In 1905 control of the Chicago Storage Battery and Philadelphia Pneumatic tool companies was acquired; also the Canadian Pneumatic Tool Co. was acquired and the International Compressed Air & Electric Co., Berlin, organized. V. 80, p. 714, 873, 1114; V. 82, p. 389. In 1906 the manufacture of rock drills was begun. V. 81, p. 560.

DIVID'S.—1902 1903 1904 1905—1906  
Per cent ——— 6 7½ ¾ Apr., 1% July, 1% Oct., 1% 4 (Q.—J.)

BONDS.—Of the bonds (\$2,500,000 authorized), \$2,300,000 has been issued, \$208,000 having been redeemed by the sinking fund; mortgage trustee, Lawyers' Title Insurance & Trust Co., New York. They are subject to call at 105 from Jan. 1 1907, or may be drawn by lot at same price for a yearly sinking fund of \$50,000. V. 74, p. 208.

EARNINGS.—For 6 months ending June 30 1906 profits were \$457,483; Int., depreciation, &c., \$153,242; div. (2%), \$122,176; bal., sur., \$182,065.

REPORT.—Report for year ending Dec. 31 1905, with balance sheet, was in V. 82, p. 389, showing: Net profits, \$852,612; Int. on bonds, \$115,000; sink. fund, \$50,000; written off for depreciation, bad debts, &c. \$127,927; dividends (4%) \$244,551; bal., sur., \$315,134.

OFFICERS.—Chairman of Board, Chas. M. Schwab; President, J. W. Duntley; V.-P., W. O. Duntley; 2d V.-P., S. W. Prince; Treas., Leroy Beardsley; Sec. and Asst. Treas., W. B. Seelig. Executive Committee, J. W. Duntley, Chas. M. Schwab, J. R. McGinley. Directors (April 1906), Chas. M. Schwab, J. W. Duntley, W. O. Duntley, J. R. McGinley, W. A. Mitchell, Julius Keller, A. W. Maconochie, J. C. Talte and Oliver Wren. Gen. office, Fisher Bldg., Chic.; N.Y. office, 95 Liberty St.—(V. 83, p. 381.)

CHICAGO TELEPHONE CO.—(V. 80, p. 710; V. 82, p. 163, 454, 572, 694.)  
CLAFIN (H. B.) COMPANY.—Incorporated under the laws of N. J. in 1890, and deals in dry goods. Frontage of building 375 feet on Worth St., N. Y. City. V. 71, p. 83. Associated Merchants' Co. owns \$4,500,100 of the \$9,000,000 stock. See that company above. V. 72, p. 724.

DIVID'S.—'93, '94 to Apr. '99. 1899. 1900 to 1904. 1905. 1906.  
Com. % 7½ 6 (1½ Q.—J.) 4 8 yearly. 8 8

REPORT.—Report for half-year ending June 30 1906, V. 83, p. 99. Net for dividends, \$352,258, against \$317,934 in 1905; interest on 1st and 2d pref., \$142,125; dividend on common (4%), \$153,164; balance, surplus, \$56,969. Reserve for common stock June 30 1906, \$1,590,260.

Profits for calendar years before deducting any dividends: In 1905, \$821,428; in 1904, \$631,697; in 1903, \$619,847.—(V. 83, p. 99.)

COLONIAL SUGARS CO.—V. 77, p. 1224, 1227, 1239; V. 79, p. 502.

COLORADO FUEL & IRON CO.—A Colorado corporation formed in October 1892. In June 1903 Rockefeller-Gould interests assumed control. V. 76, p. 1410. Annual capacity of finished steel products to be 550,000 tons. V. 73, p. 561; V. 75, p. 1149; V. 79, p. 736.

Under the reorganization plan of 1903 (V. 77, p. 2037, 2282, 2341; V. 79, p. 736, 1287) the Colorado Industrial Co., whose entire capital stock is owned, created an issue of \$45,000,000 consol. first mortgage guaranteed bonds (see below, also full statement in V. 80, p. 1726; V. 83, p. 378).

BONDS.—The Col. Ind. guar. 5s (\$45,000,000 authorized issue) cover all the property of that company and are further secured by deposit of \$13,310,000 of the \$14,068,000 debentures of 1901 and entire issues of securities of subsidiary cos. named, viz., \$4,500,000 bonds and \$100,000 stock of Col. & Wyo. Ry.; \$3,000,000 Rocky Mtn. Coal & Iron stock and \$331,200 stock and \$160,000 notes of Crystal Rtn. Ry. The unissued bonds are applicable as follows: Series "A" (limited to \$14,068,000), \$1,036,000 to take up unexchanged convertible debentures; Series "B" (limited to \$30,932,000), \$6,000,000 to retire gen. mtge. 5s of 1893. V. 80, p. 1481, 1726; V. 83, p. 381, 326. In 1906 \$2,000,000 treasury common stock and \$4,000,000 Colorado Industrial Ser. "B" bonds were sold, being mostly subscribed by a syndicate. V. 83, p. 377.

For 5% convert. debent. of 1901 see V. 72, p. 990, and plan above.

Application for listing gen. mtge. bonds was in V. 62, p. 461.

REPORT.—Report for 1905-06 in V. 83, p. 377, including in both years properties owned by Col. Ind. Co.

Year ending June 30 —	Gross		Net	
	1905.	1906.	1905.	1906.
Fuel department	\$9,073,656	\$9,499,317	\$929,651	\$1,235,044
Iron and steel depts	9,171,203	12,454,653	775,830	1,570,964
Retail department, &c	370,158	366,085	25,338	23,855
Total	\$18,615,017	\$22,320,046	\$1,730,819	\$2,829,863
Bal. to Inc. acct. after deducting gen. expenses.			\$1,474,193	\$2,559,029
Other income in 1905-06, \$505,700; interest, \$1,059,411; taxes, \$157,025; rentals, sinking fund, &c., \$1,176,479; bal., sur., \$671,812.				

OFFICERS.—Pres. and Chairman of Board, F. J. Hearne; Sec., D. C. Beaman. Office, Denver, Col. New York office, 195 Broadway.

DIRECTORS.—Geo. J. Gould, Edwin Gould, E. T. Jeffery, Winslow S. Pierce, Alvin W. Krech, Benjamin Nicoll, J. H. McClement, F. J. Hearne, E. W. Oglebay, Edwin Hawley, E. H. Harriman, Robert C. Clowry. Executive Committee, Geo. J. Gould, Winslow S. Pierce, E. T. Jeffery, Benjamin Nicoll and F. J. Hearne. (V. 83, p. 326, 377, 381)

COLUMBUS & HOCKING COAL & IRON COMPANY.—ORGANIZATION.—Organized at Columbus, O., Jan. 26 '83, and owns large coal and iron properties (13,250 acres of land) in O. See V. 44, p. 278; V. 63, p. 559.

Reorganized in 1898 without foreclosure per plan in V. 65, p. 976, interest being reduced from 6% to 5%.—V. 65, p. 367, 976; V. 67, p. 28—see end't on bond V. 66, p. 81.

STOCK AND BONDS.—Common, \$7,000,000 (par, \$100); outstanding, \$6,925,600; balance reserved to retire \$18,600 remaining 5% pref. stock. V. 72, p. 1185. The stockholders Mch. 30 1906 authorized \$500,000 of 6% non-cum. pref. stock and \$1,000,000 of 6% collat. trust and purchase money and mtge. bonds secured by \$199,500 of the \$500,000 Col. & Hock. Clay & Brick Mfg. Co.'s stock and \$1,000,000 of latter's bonds secured by 1st mtge. on over 2 984 acres of land and by a second lien on all the properties covered by the mtge. of 1887, per plan in V. 82, p. 512. Of the bonds, \$400,000, with \$200,000 pref. stock as bonus, were sold to pay for plant No. 1 of Clay & Brick Co., balance to be used for two additional plants. V. 82, p. 931, 1103, 1266, 1411; V. 83, p. 325.

DIVIDENDS on common stock, 1% Dec. 1 1902; 1903, 1¼%; March 1904, ¼%; none since to Oct. 1905. V. 78, p. 2387.

REPORT.—Report for year 1905-06, V. 82, p. 1266.

Yr. to Mch. 31.	Gross.	Net.	Charges.	Div. on com.	Balance.
1905-06	\$527,955	\$103,828	\$73,597	---	sur. \$30,231
1904-05	341,997	33,322	72,822	---	def. 39,500
1903-04	543,809	118,703	76,689	\$99,001	sur. 3,019

Pres., N. L. C. Kachelmacher, Columbus, O.; V.-P., L. C. Lathrop; Sec. and Treas., A. L. Thurman. New York office, 37 Broad St. Directors, May 1905, V. 78, p. 1961; V. 80, p. 1974.—(V. 83, p. 820.)

COMMERCIAL UNION TELEGRAPH CO.—Stock, \$500,000 guar. 6% (J. & J.) by Postal Telegraph Cable Co.; par of shares, \$25.

COMMONWEALTH ELECTRIC CO.—ORGANIZATION.—Formed in 1897 and acquired in 1898 by interests controlling Chic. Edison Co. to serve the suburbs of Chicago. Franchise 50 years. (Compare V. 67 p. 482; V. 79, p. 214, 272; V. 82, p. 1441.)

Additional 1st M. bonds are issuable for not exceeding 75% of cost of further extensions or improvements. V. 79, p. 214; V. 83, p. 326. Debentures are subject to call during first 5 years at 100% and thereafter at par. V. 74, p. 990.

REPORT.—For year ending March 31 1906, in V. 83, p. 33, 326.

Year—	Gross.	Net.	Charges.	Bal., sur.
1905-06	\$2,507,772	\$704,558	\$482,889	\$221,669
1904-05	1,816,765	588,361	407,069	283,292

Pres., Samuel Insull; Sec. and Treas., Wm. A. Fox. Office, 139 Adams St., Chicago.—(V. 82, p. 1441, 1499; V. 83, p. 33, 326.)

CONSOLIDATED CAR HEATING CO.—Supplies steam and hot water apparatus for heating railway trains and electric heaters for street cars, &c. V. 70, p. 232. Stock, \$1,250,000; outstanding, \$1,130,400; par \$100. Dividends F. & A.

DIVID'S.—'93, '94, '95, '96, '97, '98, '99, '00, '01, '02, '03, '04, '05, '06.  
Per cent 3 6 1 3½ 1½ 3 4 7½ 6 5½ 7 6 4 3

Officers and directors June 1900, V. 70, p. 1252; V. 76, p. 1357. Office, 42 Broadway, N.Y.—(V. 78, p. 1111; V. 80, p. 225.)

CONSOLIDATED COTTON DUCK CO.—ORGANIZATION.—Incorporated in Delaware in June 1905, per plan in V. 80, p. 1916, and acquired the U. S. Cotton Duck Corporation, owning 3 mills, and control of the Mount Vernon-Woodberry Cotton Duck Co. (see list 14 mills, V. 69, p. 129), and will ultimately obtain the legal title to the latter; total mills controlled, 20. (V. 82, p. 625). In Oct. 1906 more than 93% of Mount Vernon Income bonds had been acquired on the following terms (V. 82, p. 626):

Holders for Each \$1,000 of Existing Securities.	Amount Outstanding.	New Pref. New Com.	Received
Income bonds Mt. Vernon Company	\$6,000,000	\$500	\$166 2-3

In Feb. 1906 acquired entire stock of J. Spencer Turner Co., New York, guaranteeing \$2,000,000 6% debentures, of which \$400,000 reserved for future purposes. V. 82, p. 336, 754, 1104.

STOCK, &c.—Common stock, \$7,000,000; pref., 6% cum., \$6,000,000; outstanding, see table above. Underlying bonds of Mount Vernon Co., \$250,000; U. S. Cotton Duck Corp., \$163,000. Net quick assets, including controlled companies Dec. 31 1905, \$3,757,000.

Dividends on pref. in 1906, 6% (A. & O.).

REPORT.—Report for half-year ending June 30 1906 (V. 83, p. 433) showed: total income, \$5,150,583; gross profits, \$782,293; miscellaneous Int., &c., \$151,493; Int. on bonds of const. cos., \$188,225; bal., sur., \$442,575. Report for half-year ending Dec. 31 1905, V. 82, p. 454, 626.

DIRECTORS.—S. Davies Warfield (Chairman), Charles K. Oliver (Pres.), David H. Carroll (V.-P. and Treas.), E. Clay Timanus, George K. McGaw, William H. Grafflin, F. S. Landstreet, G. Clem Goodrich, J. H. Wheelwright, Richard Cromwell, Trenor L. Park, E. A. Brinckerhoff, Thomas M. Turner, William H. Wellington, Ralph C. Lupton, H. H. Lehman and E. P. Carpenter. Office, Continental Trust Bldg., Baltimore, Md.—(V. 81, p. 670; V. 82, p. 625, 631, 754, 1103; V. 83, p. 433, 820.)

CONSOLIDATED GAS OF BALTIMORE CITY.—On June 20 1906 consolidated with Consol. Gas El. L. & Power Co. per plan V. 82, p. 1441.

CONSOLIDATED GAS, ELECTRIC LIGHT & POWER CO., BALTIMORE.—ORGANIZATION.—Formed on Feb. 14 1905 by consolidation of the Wenstrom Electric Co. and the United Electric Light & Power Co. (see "Railway & Industrial" section for Jan. 1905.) On June 20 1906 the Consolidated Gas Co. of Baltimore, about 61% of whose \$10,770,968 stock was previously owned, was merged per plan V. 82, p. 1441. Price of gas was reduced to \$1 per 1,000 cu. ft. on Sept. 1 1905. Also owns almost all the stock of the Mt. Washington El. L. & P. Co. and the entire stock of the Northern Elec. Co.

STOCK.—Rights of pref. stock, see V. 82, p. 1441.

DIVIDENDS.—Div. on prior lien pref. stock, 3%, paid Feb. 16 1906; on Oct. 1 1906, at the rate of 6% from Feb. 14 to that date. On pref. (not prior lien), 1 2-3% covering period from June 20 to Oct. 1. V. 83, p. 753.

BONDS.—The gen. 1st 4½s of 1905 (\$15,000,000 authorized issue) are a lien subject to outstanding bonds on all the properties of the old electric light and gas companies. Of the issue, \$8,639,000 is reserved for future purposes. V. 80, p. 1731, 714, 1481.

Of the 50-year gen. 4½s of 1904 of Consol. Gas Co. (\$15,000,000 auth. issue; Fidelity & Deposit Co. of Maryland, trustee), \$1,000,000 have been sold for improvements and extensions, \$1,500,000 were being issued in Oct. 1901 to retire the certificates of indebtedness, \$7,000,000 are reserved to retire outstanding 5s and 6s, maturing 1910 and 1930, and the remaining \$5,500,000 are issuable (since July 1 1906) for not exceeding 80% of cost of extensions and improvements. V. 78, p. 1964, 2014, 2331, 2387; V. 79, p. 1643.

EARNINGS.—Earnings of gas company in 1905 were \$669,139; earnings of power company for 1905 plus additional estimated earnings, \$368,894; total, \$1,038,033; div. on pr. lien stock, \$42,000; on pref. stock, \$381,603; Int. on power co. gen. 4½s (\$7,102,000), \$319,590; bal., estimated, \$294,840 (1¼% on com. stock). In addition the Westport generating station, opened July 1906 and to be in complete operation by Jan. 1907, is expected to save \$10,000 in oper. expenses per month.

OFFICERS.—Chairman of Board, S. Davies Warfield; President, Ferdinand C. Latrobe; Vice-Pres. and Gen. Mgr., Alton S. Miller; Treas., Joseph W. Clark; Asst. Treas., W. Stuart Symington; Sec., Charles M. Cohn. Directors, V. 82, p. 1442.—(V. 80, p. 1858; V. 81, p. 268; V. 82, p. 221, 337, 1101, 1381, 1411; V. 83, p. 753.)

CONSOLIDATED GAS OF NEW YORK.—This company was organized Nov. 11 1884, as a consolidation, and in 1899 secured control of all the other gas companies and of all the electric lighting properties in Manhattan, N. Y. City. In Jan. 1906 new plant at Astoria, Long Island, to be completed within two years. V. 78, p. 105, 1964; V. 79, p. 105, 629. In July 1904, the N. Y. & Westchester Lighting Co. was formed to operate in the district of N. Y. City. As to municipal plant, see V. 80 p. 1060, 2460. Legislation in May 1905, reducing price of electricity see V. 80, p. 1858, 2160; V. 81, p. 268. See separate statements following

DIVID'S.—'02 '03 '01 to '08 '09 '00 '01 to '03 '04 1905, 1906.  
Per cent ——— 6 7 8 yrly. 5½ 6 8 yrly. 8½ Below. Below

In 1905, March, 2½%; June, 2%; Sept., 2%; Dec., 2%; in 1906, March, 2%; June, 1%; Sept., 1%.

In 1897 the price of gas was reduced from \$1 20 to \$1 (beginning in 1901) as required by law. V. 64, p. 1000.

In 1906 a law was passed reducing the price in N. Y. City to 80 cents

MISCELLANEOUS.

Table with columns: For explanation of column headings, &c., see notes on first page of tables. Date of Bonds, Size, or Par Value, Amount Outstanding.

Table with columns: Rate %, When Payable, Where Payable, and by Whom.

Table with columns: Bonds—Principal, When Due, Stocks—Last Dividend.

CONSOLIDATED GAS CO., NEW YORK (concluded)—per 1,000 cubic ft., except in outlying districts. V. 82, p. 572, 807, 931.

STOCK, ETC.—In 1900 stock increased from \$39,078,000 to \$54,595,200, and in 1900-03 to \$80,000,000, to complete the control of the gas and electric light business in Manhattan, to provide for improvements, etc.

Balance sheet Dec. 31 1904, V. 80, p. 1854. Report for year ending Dec. 31 1904 was in V. 80, p. 470, showing net profits of calendar year 1904 above dividends, about \$2,600,000 against \$2,500,000 in 1903.

OFFICERS.—Pres., Harrison E. Gawtry; Vice-Presidents, Walter R. Addicks, Samuel Sloan and Lewis B. Gawtry; Sec., R. A. Carter; Treas., Jas. A. Bennett. Trustees.—H. E. Gawtry, Samuel Sloan, John W. Sterling, W. Rockefeller, M. Taylor Pyne, Geo. F. Baker, J. S. Stillman, S. S. Palmer, Frank Tilford, F. A. Schermerhorn, A. N. Brady, T. F. Ryan, Arthur H. Elliott. Office, 4 Irving Place. (V. 82, p. 572, 754, 807, 1043, 1159, 1325, 1381, 1442; V. 80, p. 40; V. 83, p. 495, 892.)

(1) NEW AMSTERDAM GAS.

Incorporated Nov. 1 1897 and consolidated N. Y. & East River and Eq. Gas Light, per plan V. 66, p. 133. Owns entire \$7,000,000 stock of New York Carbide & Acetylene Co.

SECURITIES.—The stock authorized is \$13,000,000 of common stock, \$10,000,000 of 5% preferred, cumulative after Nov. 1 1900, New consol. 5s for \$1,365,000, preferred stock \$1,000,000 and common \$835,000 in Jan. 1906, were in treasury available for future needs. Par of shares \$100. The Consolidated Gas Co. owns \$12,109,500 common and \$8,977,500 preferred stock. V. 70, p. 897, 948, 1052, 1197, 1252; V. 80, p. 1855, 2224.

(2) NEW YORK EDISON COMPANY.

Organized May 23 1901, as a consolidation of the N. Y. Gas & Elec. Light, Heat & Power Co. and the Edison Elec. Illum. Co. of N. Y. Owns large power plant located on 1st Ave., between 38th and 39th Streets. V. 69, p. 704; V. 68, p. 1025; V. 70, p. 283, 482; V. 80, p. 1915. Stock, \$45,200,000 of which \$45,051,000 outstanding, practically all owned by Consol. Gas Co. V. 72, p. 1038.

BONDS.—The first 5s of 1898 (\$15,000,000) were secured by a first lien on the company's new power plant and other property and pledge of various securities; 1st see V. 68, p. 773, 824, 1025; V. 76, p. 268. The 4s of 1899 are secured by a purchase-money lien on the former Edison Elec. Illum. property, subject to bonds of 1890 and 1895, and by a second mtge. lien on the remaining property of the consolidated Co. V. 72, p. 939, 1038; V. 81, p. 35. Real estate mtges., \$174,000.

Table with columns: Year, Gross, Net, Charges, Surplus. 1904 (V. 81, p. 29) \$10,265,418 \$4,836,714 \$2,005,712 \$2,831,002

(3) NEW YORK MUTUAL GAS LIGHT CO.

Incorporated in New York April 17 1866, under special charter. Stock outstanding, \$3,436,600, of which \$1,763,200 is held in the interest of the Consolidated Gas Co. Par of shares, \$100.

DIVIDENDS—'94 to '97 '98 '99 '00 '01 to '05 1906 Since 1893, p. c. 94 to '97 8 7 3 9 yearly Below 1901 to 1905, inclusive, Jan., 4%; July 5%; in 1906, Jan., 4%; July, 3%. V. 83, p. 41.

(4) STANDARD GAS LIGHT CO.

Organized in 1886. Owns 160 miles of gas pipes north of 13th St., N. Y. The Consolidated Gas Co. owns \$4,630,900 of the \$4,985,700 common and \$3,934,400 of the \$4,295,700 pref.

DIVS.—'93. '94. '95. '96. '97. '98. '99. '00. '01. '02 to '05. 1906. Common % 1 4 5 8 5 0 2 6 yrly June 1 1/2 Preferred % 4 4 5 1/2 4 1/2 6 8 6 2 1/2 6 6 yrly June 3

(5) UNITED ELECTRIC LIGHT & POWER CO.

Stock, \$5,346,600, mostly owned.—V. 70, p. 40; V. 80, p. 1856.

(6) CENTRAL UNION GAS CO.—(b) NORTHERN UNION GAS CO.

(a) Compare V. 65, p. 462, 366, 112; V. 80, p. 1855. (b) V. 65, p. 621, 977; V. 80, p. 1855.

(7) WESTCHESTER LIGHTING CO. (N. Y. & Westchester Light Co.)

Supplies gas and electricity in Westchester County north of New York City. See V. 71, p. 1023, 1175. The Consolidated Gas Co. owns the \$12,500,000 capital stock. See V. 79, p. 160, 217, 504, 1706.

Northern Westchester Lighting Co. is controlled by friendly interests. V. 81, p. 268.

BONDS.—The general mtge bonds of 1904 (\$10,000,000) bear interest on a sliding scale, beginning at 1/2 of 1% (first coupon July 1905), and rising to 4% from July 1 1914, to maturity, except about \$2,500,000 which have additional coupons attached making them straight 4% bonds. All are subject to call since July 1 1905 at par and interest. V. 79, p. 1706, 1957. They are guaranteed, principal and interest, by the Consolidated Gas Co., as are also the \$2,500,000 of new 5% debentures. Form of guaranty, V. 79, p. 2152. The underlying bonds not shown in the table above (Westchester Lighting 5s being reserved to retire at par the N. Y. & Sub. Gas and New Rochelle Gas and Fuel issues) are:

Table with columns: Bonds, Interest, Outstanding, Maturity. New Rochelle Gas & Fuel 1st M 6 J & J \$88,000 Jan. 1 1908

For year ending June 30 1905, gross, \$1,259,841; net, \$569,931; Int. on bonds, \$509,238; bal. sur., \$60,693. Calendar year 1902 gross, \$1,037,799; net, \$375,338.—(V. 79, p. 1957, 2152; V. 80, p. 1001; V. 81 p. 1563, 1609.)

INTEREST OR DIVIDENDS.

Table with columns: Rate %, When Payable, Where Payable, and by Whom, Bonds—Principal, When Due, Stocks—Last Dividend.

CONSOL. GAS OF PITTSBURGH.—See Pittsburgh in "St. Ry." Section.

CONSOL. LAKE SUPERIOR.—See Lake Superior Corporation.

CONSOLIDATED RAILWAY LIGHTING & REFRIGERATING CO.—Incorporated in New Jersey in March 1901, per plan V. 72, p. 677; V. 82, p. 1325. Stock author., \$22,000,000; outstanding, \$21,082,338; par of shares, \$100. Factory at Bayonne, N. J. No Bonds Report for year ending Dec. 31 1903 was in V. 78, p. 1220. Pres., Isaac L. Rice. Office, 11 Pine St., N. Y.—(V. 76, p. 481; V. 82, p. 1325).

CONSOL. RUBBER TIRE.—"Supplement" July 1903; V. 83, p. 378.

CONSOLIDATED TOBACCO CO.—See American Tobacco Co.

CONSOLIDATED WATER CO. OF UTICA, N. Y.—Incorporated in Nov. 1899, and by purchase of existing properties acquired control of practically all the water available for city of Utica, N. Y. V. 69, p. 956, 1064. Stock, common, \$1,500,000; pref., 5% non-cum., \$1,000,000; par of shares, \$100. Bonds, see table above. N. J. Title Guar. & Trust Co. is trustee of debentures. V. 81, p. 1377. Year 1904, gross, \$192,824; in 1903, \$182,067. Pres., William S. Bacot. New directors Aug. 1905, V. 81, p. 670.—(V. 81, p. 1377.)

CONSOLIDATION COAL CO.—Incorporated in 1864. In May 1906 the \$5,353,200 stock owned by the Balt. & Ohio was acquired by a syndicate. V. 82, p. 1043.

Coal mined in 1905 was 2,096,213 tons; in 1904 was 1,833,371 tons; in 1903, total, including subsidiaries, 7,309,352. Owns \$1,500,000 stock of Cumberland & Penn. RR. (which see) and guarantees its \$1,000,000 bonds. Early in 1903 a controlling interest was acquired in the Fairmont and Somerset Coal companies (which see), the former controlling the Clarksburg Fuel and Northwestern Fuel companies, the last named owning large docks at Chicago, Milwaukee and Superior. In Dec. 1904 the Fairmont Coal Co. acquired the control of the Pittsburgh & Fairmont Fuel Co., owning 17,966 acres of coal land in West Va. on the B. & O. between Clarksburg and New Martinsville. V. 79, p. 2699. In Nov. 1903 \$501,100 of the \$1,000,000 Metropolitan Coal Co. stock was purchased. V. 78, p. 1271; V. 79, p. 502. Of the \$7,500,000 refund'g 4 1/2s of 1904, \$4,692,000 has been issued to pay for properties acquired, \$1,750,000 is reserved to retire the 4 1/2s due 1922 and \$1,000,000 Cumberland & Penn. 5s due 1921, and the remaining \$1,058,000 for future requirements; sinking fund, 3c. per ton of coal mined.

DIVIDENDS since 1883: for 1884 and 1885, 1%; for 1886, 3/4; for 1887 1 1/2; for 1888, 2 1/2; 1889 to 1903, 2% yearly; 1904 and 1905, 4% yearly. Feb. 1906, 6%; May, 1 1/2%; July 31, 1 1/2%; Oct. 31, 1 1/2%. V. 82, p. 221.

REPORT.—For 1905, in V. 82, p. 1154.

Table with columns: Yr., Gross, Net, Oth. inc., Charges, &c., Dividends, Bal., sur. 1905 \$4,165,437 \$1,336,359 \$312,047 \$631,117 (6%) \$615,000 \$402,289

Pres., C. W. Watson. Office, Cont. Tr. Bldg., Balt. Directors, May 1905, V. 78, p. 1277; V. 82, p. 1043.—(V. 82, p. 1043, 1154; V. 83, p. 157.)

CORN PRODUCTS REFINING CO.—ORGANIZATION.—Incorporated Feb. 6 1906 as an amalgamation per plan V. 82, p. 103, of Corn Products Co., New York Glucose Co., Warner Sugar Co. of Waukegan, Ill., and St. Louis Glucose Co. In Oct. 1906 about 94% of Corn Products Co. stock had been acquired. The Corn Products Co. stockholders received two-thirds in amount of the same class of stock of the new company.

Official statement Mch. 1906, showing properties owned, plants, rights of stock, bal. sheets, and earnings of subsidiaries, &c., see V. 82, p. 1321. Principal properties owned are given below

Table with columns: Company, Capital stock, New co. owns, Incorporated. Corn Products Co., common \$45,215,505 \$44,521,507 N. J., Feb. 1902

Corn Products, Lim., stock 40,000M. 40,000M. Germ'y, 1905

Illinois Sugar Refining Co. 750,000 750,000 Ill., 1898.

Charles Pope Glucose Co. 120,000 120,000 Ill., 1880.

N. Y. Glucose Co. (\$2,000,000 pref.) 2,500,000 2,500,000 N. J., 1901.

Total capacity of all plants, including those not operated, about 235,500 bushels. V. 82, p. 1321. Competition, see V. 81, p. 615; V. 83, p. 689.

As to proposed concentration of plants (June 1905), see V. 80, p. 2623. New plant proposed Sept. 1906, V. 83, p. 689.

DIVIDENDS (Corn Products Co.)—On pref., July '02 to Jan. '05, 1 1/4% quar.; Apr. '05, 1%; June '05, dividend was passed. V. 80, p. 2623. Common, May 1903 to Feb. 1904, 4% per annum; none since.

Div. on pref. stock of new co., 1%, paid July 10 and Oct. 10 1906. V. 82, p. 1442; V. 83, p. 689.

BONDS.—The bonds of controlled companies have not been assumed, but the interest and sinking fund charges are payable from their earnings before any dividend can be paid on their stocks. Of the National Starch debentures, \$3,778,000 are reserved to retire bonds of Nat. Starch Mfg. and U. S. Sugar Refinery companies. V. 80, p. 119. Of the New York Glucose 6s, 4% of each bond (\$40) is callable Sept. 1 yearly, beginning 1902, but the bonds are not subject to call. V. 74, p. 1086

In Oct. 1906 the \$2,843,000 Nat. Starch Mfg. 6% bonds were offered the option of exchange at par for Corn Prod. Refin. 25-year 5% debentures, with a sinking fund of \$114,000 payable Nov. 1 annually for redemption of bonds by lot at par. The debentures are to be secured by any new mortgage of the Refining Co. other than a purchase money mortgage; Title Guaranty & Trust Co. of N. Y., trustee. V. 83, p. 820.

EARNINGS (Corn Products Co.)—Report for half-year ending Aug. 31 1905 in V. 81, p. 1313, showed: Net income, \$150,278; bal. Feb. 28 1905, \$126,022; deduct div. on pref. (1%) \$273,790; total sur. Aug. 31 '05, \$2,509.

REPORT (Corn Products Co.)—Report for the year ending Feb. 28 1905 was in V. 80, p. 1853, showing: Net income for year, \$1,689,466; total surplus Feb. 29 1904, \$353,051; deduct \$1,916,495; dividends (7%) on pref. bal. surplus, Feb. 28 1905, as per balance sheet, \$126,022.

DIRECTORS.—E. T. Bedford (Pres.), W. J. Matheson (V.-P.), F. T. Bedford, W. H. Nichols, Thomas Gaunt, F. Q. Bartow, Chas. Pratt, J. A. Moffat, R. W. Winterman, C. M. Warner, Joy Morton, W. J. Calhoun, Thomas Kingsford, C. H. Mathlessen and William Weaver Heaton.—(V. 82, p. 337, 454, 754, 1321, 1442; V. 83, p. 215, 326, 689, 820.)

MISCELLANEOUS.		Date of Bonds	Size, or Par Value.	Amount Outstanding	INTEREST OR DIVIDENDS.			Bonds—Principal, When Due. Stocks—Last Dividend.
For explanation of column headings, &c., see notes on first page of tables.					Rate %	When Payable.	Where Payable, and by Whom.	
<b>Consolidated Gas (N Y)—(Concluded)</b>								
Equitable Gas Light cons (now 1st) M. Ce	Assumed by	1894	\$1,000	\$3,500,000	5 g	M & S	Central Trust Co, N Y	Mch 1 1932
N Y & East River Gas 1st M gold G.c*	New Amst	1894	1,000	3,500,000	5 g	J & J	Guaranty Trust Co, N Y	Jan 1 1944
First cons M (\$5,000,000) gold K.c*	Gas Co.	1895	1,000	1,500,000	5 g	J & J	Kulkerbocker Tr Co, N Y	Jan 1 1945
New Amsterdam 1st cons M gold \$20,000,000 Ce.* & r		1898	1,000 & c	10,635,000	5 g	J & J	H B Hollins & Co, N Y	Jan 1 1948
Central Union Gas guar p & I N Y & East River Ce.c*		1897	1,000	3,500,000	5 g	J & J	do	July 1 1927
Standard Gas Light first mortgage \$1,500,000 gold		1890	1,000	1,285,000	5 g	M & N	Mercantile Trust Co, N Y	May 1930
North Union Gas 1st M \$1,500,000 gold not guar K.c*		1897	1,000	1,250,000	5 g	J & J	H B Hollins & Co, N Y	Nov 1 1927
Westchester Lighting consol M \$10,000,000 gold Col.c*		1900	1,000	5,916,000	5 g	J & D	Colonial Trust Co, N Y	Dec 1 1950
Other bonds (see text)				1,016,000	5 & 6	Various		
N Y & Wes L gen M \$10,000,000 gold guar red (text) Ce		1904	1,000	10,000,000	See text.	J & J	Central Trust Co, N Y	July 1 2004
Debentures \$2,500,000 gold guaranteed prin and interest		1904		2,500,000	5 g	J & J	do	July 1 1954
<b>Consolidated Tobacco—See American Tobacco Co.</b>								
Consolidated Water Co of Utica—First mortgage gold N		1900	1,000	2,500,000	5 g	J & J	Redmond & Co, N Y	Jan 1 1930
Debentures gold		1905	1,000	250,000	5 g	J & J	do	Jan 1 1930
<b>Consolidation Coal—Stock</b>								
First M \$750,000 gold sink fd redeem each Jan at 105 G		1897	1,000	470,000	4 1/2 g	J & J	do	Oct 31 1906, 1 1/2
Refunding M \$7,500,000 auth gold sink fd red 110 S c* & r		1904	1,000	4,692,000	4 1/2 g	M & N	Standard Trust Co, N Y	May 1 1934
<b>Continental Tobacco—See American Tobacco Co.</b>								
<b>Corn Products Refining—Common stock \$50,000,000</b>								
Preferred stock 7% cum also as to assets \$30,000,000			100	49,014,400				
Debentures \$2,843,000 gold sinking fund drawn per text			1,000	28,238,500				Oct 10 '06, 1% 25 years
Unassumed Bonds of Allied Companies of Corn Products Refining Co.				See text.	5 g	seml-an.		
National Starch debent \$8,000,000 call at 105 Usm		1900	1,000	3,816,000	5 g	J & J	Treasurer, 25 Broad, N Y	July 1 1925
United States Sugar Refinery gold first mortgage			1,000	1,000,000	6 g	J & D	Internat Tr Co, Boston	Dec 1 1921
Nat Starch Mfg Co 1st M gold (slnk fd) option, text Ma		1890	1,000	2,843,000	6 g	M & N	Treasurer, 25 Broad, N Y	May 1 1920
N Y Glucose Co 1st M \$2,500,000 gold slnk fund (see text)		1901	See text.	2,000,000	6 g	M & S		Sept 1 1926
aOf these \$491,000 held by trustee of National Starch debentures.								

(WM) CRAMP & SONS' SHIP & ENGINE BUILDING CO.—Incorporated in Pennsylvania Mch. 26 1872. Properties owned, V. 78, p. 46.

STOCK.—Stock, as increased June 1903, \$6,250,000; outstanding, \$6,098,000; par of shares, \$100. Of this \$4,648,600 has been deposited with voting trustees, viz.: E. T. Stotesbury and Richard Rushton, Phila., and Geo. F. Baker, N. Y. V. 76, p. 921, 975, 1087; V. 78, p. 46.

DIVIDENDS.—1892, '93, '94, '95, '96, '97, '98, '99, '00, '01, '02. Per cent 8 & 20scr, 10 18 7 None 1 1/4 5 5 3 1/4 No dividends since to Oct. 1906. V. 75, p. 1256.

BONDS.—The 5% serial notes (\$4,520,000 outstanding) mature part Jan. 1 and July 1, semi-annually, viz.: \$80,000 to July 1908, then \$110,000 for 5 years, then \$140,000 for 5 years, then \$170,000 for 5 years, but subject to call at 102 1/2; secured by \$5,000,000 consol. 5s of an authorized issue of \$7,500,000; of the latter, \$2,000,000 are reserved to retire prior liens and \$500,000 for future purposes. See V. 76, p. 921, 975. First mtge. gold 5s of 1899, \$1,325,000 (Int. M&S), due Mch. 1 1929, but subject to call \$25,000 yearly Jan. 31 at 110 for a sinking fund. Real estate mtges. Apr. 30 1906, \$580,212. V. 67, p. 1310; V. 68, p. 383; V. 78, p. 46.

REPORT.—Report for 1905-06 in V. 82, p. 1495, showed: Net earnings (incl. subsidiaries), \$704,724; charges, \$333,752; bal., sur., \$370,972. In 1903-04, net, \$658,453; charges, \$344,288; bal., sur., \$314,165. Chairman of Board, Charles H. Cramp; Pres., Henry S. Grove; V.-P., Edwin S. Cramp; Gen. Man., H. W. Hand. Office, Philadelphia.—(V. 83, p. 40.)

CRUCIBLE STEEL CO. OF AMERICA.—ORGANIZATION.—Incorporated on July 21 1900 under the laws of New Jersey to consolidate 13 properties, including the Park Steel Co., &c., named in the prospectus, V. 71, p. 32; V. 73, p. 842; V. 79, p. 154. Stock authorized, com., \$25,000,000; pref., 7% cumulative, \$25,000,000; par, \$100; outstanding, common, \$24,578,400; preferred, \$24,436,500.

In May 1904 the Clairton Steel Co. was sold to the U. S. Steel Corporation, the latter in payment thereof guaranteeing or assuming the bonds (\$11,916,715) and giving \$1,000,000 of 10-60 year 5% bonds. The Crucible Co. agrees to take 120,000 tons of steel yearly for 10 years and about 80,000 tons of pig iron on a sliding scale of prices. V. 78, p. 1552, 2014; V. 79, p. 1267.

In June 1906 the construction of a new plant to manufacture general railway supplies, including car springs, was begun. V. 83, p. 889.

DIVIDENDS on preferred, Dec. 1900 to Sept. 1903, 7%; on Dec. 29 1903, 1%; Mch., June and Sept. 1906, 1 1/2% each, leaving 16 1/2% overdue dividends. V. 82, p. 694.

BONDS.—Of the collateral trust bonds of 1903, \$872,000 was Oct. 1906 outstanding as collateral for \$872,000 bills payable; \$200,000 5% purchase money mortgages, due 1910, with option of prior payment.

REPORT.—Year ending Aug. 31 1906, V. 83, p. 389, showed net earnings of \$2,901,840; dividends on preferred (5 1/2%), \$1,344,007; bal., sur., \$1,557,833. In 1904-05, net, \$2,067,490.

Chairman, Wm. G. Park; Pres. and Gen. Man., Frank B. Smith; Treas., Jullus Bleier. Office, Frick Bldg., Pittsburgh, Pa. Directors, Sept. 1904, V. 77, p. 1473; V. 79, p. 1333, 1706.—(V. 82, p. 694; V. 83, p. 889.)

CUMBERLAND TELEPHONE & TELEGRAPH.—Organized in Kentucky in 1883 and operates under perpetual and exclusive license from American Bell Telephone Co. through the entire States of Mississippi and Louisiana, the greater parts of Tennessee and Kentucky, and a few counties in Indiana and Illinois. Amer. (Bell) Tele. & Teleg. Co. owns \$8,755,500 of the stock. Subscribers Mch. 1 1906, 146,827.

STOCK.—Stockholders were offered the right to subscribe pro rata at par on or before Feb. 1 1906 for \$3,360,000 new stock, payable in four equal instalments on Feb. 1, Apr. 2, July 2 and Oct. 1 1906, raising the amount outstanding to \$16,812,050. V. 81, p. 1726.

DIVIDENDS.—From 1892 to 1897, both incl., 4%; 1898, 5; 1899, 6; 1900, 6; 1901 to Oct. 1906, 7% per an. (1 1/4% quar.).

BONDS.—These consist of \$836,000 1st 5s (see table above); \$239,000 20-year deb. 5s (Int. F.&A.) due Feb. 1 1920, but redeemable at par, issued for purchase of People's Telephone Co. of New Orleans and \$16,000 Ohio Valley Tel. gold 6s (Int. J.&J.), due Jan. 1 1908.

EARNINGS.—7 mos., 1906—Gross, \$3,080,810; net, \$1,097,586 Jan. 1 to July 31. 1905—Gross, 2,620,543; net, 969,599

Surplus over charges, \$937,164 in 1905-06, against \$849,392 in 1904-05.

REPORT.—Report for year 1905, in V. 82, p. 1376, showing gross, \$4,656,423; net above fixed charges, \$1,359,284; dividends (7%), \$940,691; balance, surplus, \$418,593. General offices, Nashville, Tenn.—(V. 78, p. 817; V. 79, p. 2798; V. 80, p. 714; V. 81, p. 1726; V. 82, p. 1376.)

DENVER GAS & ELECTRIC CO.—ORGANIZATION.—Incorporated in Apr. 1899 as a consolidation of the Denver Consolidated Gas and Denver Consolidated Electric companies. Stock, \$3,500,000; par, \$100. Reorganized in 1903 per plan V. 76, p. 812. See V. 78, p. 585. In Nov. 1904 friendly interests purchased a majority of \$220,000 Denver-Highlands Electric Co. stock. V. 79, p. 2459. The Lacombe Electric Co. was acquired in July 1906. V. 74, p. 1359; V. 83, p. 154. New 20-year franchise voted May 15 1906, V. 83, p. 40.

BONDS.—Prior lien 15-year gold 6s, due April 1 1918, \$1,000,000 (\$1,000 each), \$463,000 outstanding, subject to call at par after 5 years, Int. A. & O., balance having been retired; Bankers' Trust Co., N. Y., trustee. Gen. mtge. gold 5s, \$8,000,000 authorized, of which \$5,171,000 outstanding (\$1,000 each), dated May 1 1903, due May 1 1949 but subject to call on May 1 1908 at par, May 1909 at 101, May 1910 at 102, May 1911 at 103, May 1912 at 104 and May 1913 or any interest day thereafter at 105; Int. M. & N.; Trust Co. of America, trustee. In Jan. 1906 the company announced it would call and retire all outstanding bonds other than gen. mtge. bonds, the bonds then called being given the option of exchange for latter. The general 5s to be issued to provide premiums paid for exchange were offered to stockholders ratably at 95 and Int. See V. 82, p. 103. Of the general 5s, \$3,260,000 were reserved to retire \$1,000,000 new prior liens and underlying bonds. The only underlying bonds remaining outstanding July 1906 were \$1,500,000 Denver Consol. Gas 20-year gold 6s, due Nov. 16 1911, Int. J. & J. at Emerson, McM. & Co., N. Y., subject to call at 105, a large part to be retired by lot. Chairman, Emerson McM. 40 Wall St. N. Y.—(V. 83, p. 40.)

DENVER UNION WATER.—A consolidation Oct. 1894. Franchises run until 1910. Owns the water works and water supply of the city of Denver, Col., and vicinity. Capital stock is \$5,000,000 common and \$2,500,000 of 5% non-cum. preferred. Div. on com. and pref. stocks of 5% paid Apr. 10 1905; Jan. 2 1906, 5%, at Farmers' Loan & Tr. Co., N. Y. Bonds, \$8,000,000. The South Platte Canal & Reservoir Co., whose stock is all owned, completed a new reservoir in 1904. Its \$4,000,000 authorized 5% bonds are guaranteed; the latter are subject to call at 105 between Apr. 10 1910 and Apr. 9 1911. V. 79, p. 231, 289. See table above. Litigation, V. 77, p. 198. Pres., W. S. Cheesman; Treas., D. H. Moffat.—(V. 80, p. 1114; V. 81, p. 1613.)

DETROIT CITY GAS.—Organized in Mch. 1898 and owns all the gas properties in Detroit, Mich. Has a franchise till 1923 from the city. In Jan. 1906 the Amer. Light & Tracton Co. acquired about 97% of the stock. V. 82, p. 283, 989.

STOCK.—Authorized, \$5,000,000, all outstanding; par, \$50. Dividends, 2 1/2%, 1899; 1900, 5%; 1901, May, 2 1/2%; in 1903, 5% in 6% cfs., paid Dec. 1904; in 1904, 5%; in 1905, 6%. Later dividends not published.

BONDS.—The prior lien mtge. is for \$6,000,000, of which \$381,000 to retire the outstanding 5s of 1893. Prior lien bonds are subject to call at 110. Of the gen. 5s of 1903 (\$10,000,000 authorized issue, Equitable Trust Co. of N. Y., trustee,) \$6,000,000 are reserved to retire the prior liens; present issue, \$500,000; Nos. 1 to 1,000 mature \$100,000 yearly from July 1 1913, but are subject to call at par; if called, holder may take in lieu of cash new bonds maturing July 1 1923, subject to call at 105; balance matures July 1 1923. V. 77, p. 253; V. 78, p. 822.

REPORT.—Statement to N. Y. Stock Exchange, with balance sheet of April 30 1904, was in V. 79, p. 102.

For 11 months ending Nov. 30 1904, gross, \$1,327,421; net, \$679,075; interest charges \$307,058; balance, surplus, \$372,017.

OFFICERS.—President, Emerson McM. New York; Gen. Man., A. P. Lathrop, Detroit, Mich. Directors June 1904, V. 79, p. 102.—(V. 79, p. 102, 2459; V. 80, p. 653, 1974; V. 82, p. 283, 989.)

DETROIT EDISON CO.—ORGANIZATION.—Incorporated in Jan. 1903 and absorbed the Edison Illuminating Co. of Detroit and Peninsular Electric Light Co.; does entire electric-light business in city. V. 76, p. 215. In July 1906 the stock of the Central Heating Co. was purchased. V. 83, p. 275.

Controlled by Nor. American Co. A new generating plant of 16,000 horsepower was placed in operation late in 1904. V. 79, p. 2645. Stock authorized, \$6,000,000; issued, \$5,000,000; par, \$100.

BONDS.—Remaining mortgage bonds can only be issued for not exceeding 75% of the cost of additions and improvements. V. 77, p. 2037. The stockholders on Aug. 15 1906 authorized \$1,000,000 debenture bonds, convertible into stock at the option of the holder after 3 years from date. V. 83, p. 275.

Year ending May 31 1906, gross, \$929,630; net, \$362,908; bond interest \$262,429; balance, surplus, \$100,479.

Pres., C. W. Wetmore; Sec., S. W. Burt; Treas., Geo. R. Sheldon. N. Y. Office, 30 Broad St.—(V. 82, p. 454; V. 83, p. 274, 381.)

DETROIT MACKINAC & MARQUETTE RR. LAND GRANT.—Under the reorganization of the Det. Mack. & Marquette RR., foreclosed Oct. 1886, the holders of the land grant income bonds retained their lien on the lands along the line of the road in Northern Michigan. See V. 76, p. 751. Interest is payable Apr. and Oct. as earned, at not exceeding 7% yearly; outstanding, \$1,432,000; of the bonds, \$1,339,000 purchased in 1903 to July 1905. V. 77, p. 173, 1871, 2035, 2280; V. 79, p. 627.

From Oct. 1892 to Apr. 1902 2% interest was paid (1% each in A. & O.) at Central Trust Co., N. Y.; in Apr. 1903 to Apr. 1906, both incl. 3 1/2% each (A. & O.); Oct. 1906, 1%. V. 83, p. 751, 818. See report Feb. 1879 to Jan. 1900; V. 70, p. 684. In Aug. 1902 sale was arranged for about \$1,250,000 of 1,000,000 acres (reserving for the bonds mineral rights in Marquette County.) This left unsold Jan. 1 1906 182,351 acres, besides mineral rights on 94,134 acres. V. 77, p. 91.

In March 1903 a protective committee, Jefferson M. Levy, 20 Broad St., Chairman, requested deposits. V. 76, p. 707, 751; V. 77, p. 253, 1873. Statement for 1905 was in V. 83, p. 432.—(V. 82, p. 804; V. 83, p. 432, 751, 818.)

DIAMOND MATCH.—ORGANIZATION, &c.—Organized in 1889 under laws of Illinois. Owns factories at Barberton, O., Detroit, Mich., Oshkosh, Wis., Oswego, N. Y., &c.; controls companies in England, Germany, Switzerland, Peru, South Africa, &c.; see V. 76, p. 380, 656; V. 82, p. 389; store properties at Philadelphia and St. Louis and saw-mills, with extensive pine stumpage. V. 73, p. 135; V. 76, p. 380, 1087. As to California lumber purchase, see V. 76, p. 380; V. 78, p. 700; V. 80, p. 648; V. 82, p. 389. Br. & May, V. 76, p. 656; V. 77, p. 351, 629; V. 78, p. 289; V. 79, p. 2590; V. 80, p. 715; V. 82, p. 495, 564. Selling arrangement, V. 82, p. 512.

DIVIDENDS.—1893 1894 1895 1896 to Sept. 1906. Since 1892 % 20 10 21 1-9 10 (2 1/2 quar.)

As to possible reduction of dividend rate to provide money for improvements, see V. 82, p. 1159, 1325; V. 83, p. 215, 689, 820.

STOCK.—Increased in 1895 to \$11,000,000 and in 1899 to \$15,000,000. Stockholders voted May 1 1906 to increase the stock to \$16,000,000, the \$1,000,000 new stock being offered to them at par, payable on or before June 15, the proceeds to build new factories in California and acquire lands. V. 82, p. 389, 754, 1381.

ANNUAL REPORT.—Fiscal year changed to end Mch. 31. Report for 1905 in V. 82, p. 389, showed net, \$1,772,280; in 1904, \$1,653,369; in 1903, \$1,824,089. Pres., O. C. Barber; Treas., J. K. Robinson; Sec., W. C. Flindley; Aud., H. C. Cranz. General offices, 56 Michigan Ave., Chicago; New York office, 111 Broadway. (V. 83, p. 405, 564, 689, 820.)

DISTILLERS' SECURITIES CORPORATION.—ORGANIZATION.—Incorporated in New Jersey on Sept. 18 1902 as successor per plan V. 74, p. 1310, 1358, of the Distilling Co. of America, the latter having control of the American Spirits Mfg. Co., Kentucky Distilleries & Warehouse Co., Spirits Distributing Co. (dissolved in 1902) and Standard Distilling & Distributing Co.; see V. 68, p. 1224 (dissolved in 1905); also several rye whiskey concerns, including Hamms Distilling Co. V. 69, p. 179, 494, 745. List of properties, V. 73, p. 156; V. 71, p. 815; V. 69, p. 957. Independent distilleries, V. 74, p. 157; official statement, V. 76, p. 100. Ally Republic Distilling Co., V. 81, p. 1611; V. 83, p. 326. As to rumor of proposed new company to manufacture denatured alcohol, see V. 83, p. 820.

Owns over 90% of the stocks of the Distilling Co. of America. The new bonds are secured by the deposit of the stocks and bonds acquired, and are redeemable at 105 after 1908 and convertible at option of holder into stock at par at any time till Oct. 1 1912.

DIVIDENDS.—Jan. 1903 to Oct. 1906, both incl., 1% quarterly.

REPORT.—Report for year ending June 30 1906 in V. 83, p. 750, showed gross profits, \$4,054,815; Int., taxes, additions, &c., \$1,930,751; net profits, \$2,124,064; against \$1,568,880 in 1901-05; dividends (4%), \$1,327,936; bal., sur., \$797,028. See also V. 75, p. 904, and balance sheets of proprietary companies, V. 73, p. 898.

DIRECTORS.—E. J. Curley (Pres.), Lawrence L. Gillespie, W. P. Ward (V.-P.), Amory G. Hodges, Franklin Q. Brown, W. Brentwood Smith, J. E. Hulshizer. Executive Committee—E. J. Curley, W. P. Ward, Amory G. Hodges, Sec. Treas., R. C. Rann, N. Y. Office, 15 Exchange Place, Jersey City.—(V. 82, p. 1381; V. 83, p. 326, 689, 750, 820.)

MISCELLANEOUS.	Date of Bonds	Size, or Par Value.	Amount Outstanding	INTEREST OR DIVIDENDS.			Bonds—Principal, When Due. Stocks—Last Dividend.
				Rate %	When Payable.	Where Payable, and by Whom.	
Corn Products Refining (Concluded)—St L Syrup & Ref gold	1904	100	\$300,000	6			Nov 1 1913
Crucible Steel Co of America—Common stock \$25,000,000 au	1904	100	24,578,400				
Preferred 7% cumulative \$25,000,000 authorized	1904	100	24,436,500	See text	Q—M		Sept 29 '06, 1 1/2%
Collateral trust debentures g	1903	1,000	See text.	6 g	A 21 & O	Union Trust Co Plttsb'h	Oct 21 '06-'08
Cumberland Telephone & Telegraph—Stock \$20,000,000	1903	100	16,812,050	7 in 1906	Q—J	Checks mailed	Oct 1 '06, 1 3/4%
Denver Union Water Co—First mortgage \$8,000,000 gold	1898	1,000	836,000	5 g	J & J	Washington Trust, N Y	Jan 1 1918
South Platte Can & Res 1st M gold guar (end) red (text) Mo	1894	100 &c	8,000,000	5 g	J & J	Fourth Nat Bank, N Y	July 1 1914
Detroit City Gas—Stock \$5,000,000	1903	500 &c	1,000,000	5 g	J & J	do do and Denver	July 1 1923
Prior lien mortgage \$6,000,000 gold	1898	1,000	5,618,000	5 g	J & J	Emerson McMillin, N Y	Dec 1 1905, 3%
Detroit Gas consol mortgage for \$4,000,000 gold	1893	1,000	381,000	5 g	F & A	Guaranty Trust Co, N Y	Jan 1 1918
Detroit City Gas general M \$10,000,000 gold (see text)	1903	1,000	500,000	5 g	J & J	Emerson McMillin, N Y	See text
Detroit Edison—First mortgage \$10,000,000 gold	1903	1,000	5,948,000	5 g	J & J	Office, 30 Broad St, N Y	Jan 1 1933
Debentures \$1,000,000, convertible after 3 years	1906	1,000	500,000	6	M & S		Sept 1 1911
Detroit Mackinac & Marquette RR Land Grant—Income bds	1906	1,000	1,432,000	See text.	A & O	Central Trust Co, N Y	Oct 1 1911
Diamond Match—Stock \$16,000,000 (listed in Chicago & N Y)	1906	100	16,000,000	See text.	Q—M	By check from N Y office	Sept 15 '06, 2 1/2%
Distillers' Securities Corp—Stock one class \$32,500,000	1906	100	30,435,943	See text.	Q—J	By check	Oct 27 '06, 1%
Coll trust M \$16,000,000 gold conv call 105 after '08 (text) c*	1902	1,000	13,763,998	5 g	A & O	Mercantile Trust Co, N Y	Oct 1 1927
American Spirits Mfg. 1st M gold call at 105 s f 5% Ma c*	1895	1,000	1,510,000	6 g	M & S	Manhattan Trust Co, NY	Sept 1 1915
Dominion Coal—Common stock \$15,000,000	1906	100	15,000,000	See text.			See text
Preferred 7% cumulative (text) convertible redeemable	1905	100	3,000,000	7	F & A	Checks mailed	Aug 2 '06, 3 1/2%
First mortgage gold sinking fund (see text) redeemable	1905	500 &c	5,000,000	5 g	M & N	NE Tr Co, Bost & Mont	May 1 1940
Dominion Iron & Steel—Common stock \$20,000,000	1906	100	20,000,000	See text.			
Preferred 7% cumulative \$5,000,000 convertible	1899	100	5,000,000	See text.			Apr 1903 3 1/2%
First mortgage gold \$8,000,000 sinking fund (see text)	1905	500	7,811,000	5 g	J & J	Bank of Montreal, Can	July 1 1929
Second M \$2,500,000 \$250,000 due yearly begin Oct 1905	1903	100	1,928,000	6	A & O	Montreal, Canada	To Oct 1914
Duluth Edison Elec—Pref stk (also as to assets) 6% cu red 102	1906	100	1,000,000	See text	Q—J		Oct 1 '06 1 1/2%
First mortgage \$2,000,000 gold redeem 105 sink fund	1906	1,000	1,000,000	5 g	M & S	Old Colony Tr Co, Boston	March 1 193

**DOMINION COAL CO., LIMITED.—ORGANIZATION.—**Incorporated in 1893.

The lease to the Dominion Iron & Steel Co. made in 1902 was annulled as of June 30 1903. V. 77, p. 2342. As to new contract for supplying coal to the Steel Company, expiring 1902, see V. 77, p. 772, 826; V. 78, p. 1117; contract with Mass. Gas Companies, V. 75, p. 1257.

Output 8 mos. ending Aug. 31 1906, 2,363,734 tons; in 1905, 2,019,646 tons. V. 83, p. 627. Output calendar year 1905, 3,189,657 tons; in 1904, 3,023,522 tons.

**STOCKS AND BONDS.—**Common stock, \$15,000,000. Stockholders April 17 1905 authorized \$3,000,000 of 7% cum. pref. stock and \$7,000,000 of 35-year 5% bonds. A syndicate purchased the new pref. stock and \$5,000,000 of bonds. The outstanding \$3,000,000 of 8% pref. stock and \$2,435,000 of 6% bonds were called and retired and the floating debt paid. New bonds (Royal Trust Co., Montreal, trustee) are subject to call after May 1910. Sinking fund of about \$79,000 yearly, beginning 5 years from their date, from which bonds will be called yearly at 105, beginning May 1911. V. 80, p. 1365, 1481; V. 81, p. 1732.

The new preferred stock is convertible, \$ for \$, into common stock at holder's option to May 1 1910, and thereafter subject to call at company's option at 125 and accrued dividend, and entitled in case of liquidation to par, 15% premium and accrued dividends in preference to com. stock. No additional mtge. can be made without the consent of 51% of outstanding common stock. V. 80, p. 1732. The plan reduced charges, including pref. dividends, during first five years, to \$460,000, against \$730,137 in 1904 and about \$655,000 in 1903. Cape Breton real estate debentures, \$353,785, and Dominion rolling stock debentures, \$265,413.

**DIVIDENDS.—**Old pref. paid in full to Jan. 1905, incl. (4% J. & J.). On old com. stock 4% Oct. 1 1902; Jan. 1903 2%; April, 2%; July, 2%; Oct., 1 1/2%; 1904, Jan., 3%; none later. First dividend on new pref. for period from May 12 to July 31 1905, at rate of 7% yearly, was paid Aug. 1; in 1906, 7% (F. & A.)

**REPORT** at length was given in V. 82, p. 460, showing net earnings of \$1,573,832 in 1905, against \$1,620,475 in 1904; int. on bonds, slnk. fund, &c., \$329,245; div. on pref., \$220,916; bal., sur., \$1,023,671.

Pres., James Ross, Montreal. Directors March 1904, V. 78, p. 1112. —V. 80, p. 1915, 1726; V. 82, p. 449, 460; V. 83, p. 627.)

**DOMINION IRON & STEEL CO.—ORGANIZATION.—**Organized under the laws of Nova Scotia on June 17 1899; works at Sydney, Cape Breton; daily capacity of 1,000 tons of steel. Owns four blast furnaces, open-hearth plant, billet mill, blooming mill, rod mill, with capacity of 250 tons daily, &c. See V. 79, p. 2203. Rail mill, 700 tons daily capacity, has been operated since June 1905. Coke ovens (500 completed) May 1906. V. 76, p. 544; V. 77, p. 149; V. 81, p. 1549.

In Dec. 1903 the lease of the Dominion Coal Co. was canceled and the floating debt largely reduced by cash received by the latter. The proceeds of the \$2,500,000 second mortgage bonds were used to complete the mills and other improvements. V. 77, p. 772, 826, 2342; V. 78, p. 1394; V. 80, p. 1481.

Bounty decision, V. 75, p. 1402; V. 77, p. 149; V. 79, p. 502. Bounties on pig iron and steel ingots were July 1906 reduced from \$1 05 to 70 cts. per ton and will cease June 30 1907 unless extended. V. 83, p. 210.

**STOCK.—**Common, \$20,000,000, all issued; 7% cum. pref. stock (\$5,000,000) subject to call at \$115 per share or convertible into com. stock at holder's option. V. 72, p. 778; V. 74, p. 530.

Dividend on preferred, 3 1/4% Oct. 1 1901; in 1902 7% (A. & O.); 1903, April, 3 1/4%; none since to Oct. 1906. V. 77, p. 826; V. 83, p. 210.

**BONDS.—**Trustee of 1st mtge., Nat'l Tr. Co. of Ontario, Montreal, Can. Bonds may be purchased or called (drawn by lot) at 110 and int. for slnk. fund or in such amounts as may be desired on July 1 yearly. V. 71, p. 1122. The \$2,500,000 2d mtge. 6% bonds mature \$250,000 yearly on Oct. 1, beginning 1905. V. 76, p. 1251, 1357, 1410; V. 77, p. 149, 630, 826; V. 80, p. 1481, 2461; V. 81, p. 1549. Real estate bonds May 31 1906, \$55,833.

**REPORT.—**Fiscal year now ends May 31. Report for year ending May 31 1906 in V. 83, p. 210, showing total net inc., \$1,406,306; int. and slnk. fund, \$753,711; bal., sur., \$652,595, including \$638,658 bounties received. For 5 mos. ending May 31 1905 total net inc., \$370,859; int. and slnk. fund, \$299,327; bal., sur., \$71,532. Pres., J. H. Plummer, Montreal; Vice-Pres., L. J. Forget, Montreal.—(V. 81, p. 214, 1243, 1549; V. 82, p. 1500; V. 83, p. 210, 892.)

**DULUTH EDISON ELECTRIC CO.—ORGANIZATION.—**Incorporated in Minnesota in 1906 as successor of the Duluth General Electric Co. Has unlimited franchise and 10-year contract with Great Northern Power Co. expiring July 1915 to provide power on advantageous terms. V. 82, p. 573.

**STOCK.—**Com. stock \$470,000, and pref. cum., \$1,000,000, all issued. Div. on pref., 1 1/2% quar., paid July 1 1906, Oct., 1 1/2%.

**BONDS.—**Of the bonds (\$2,000,000 authorized issue) the \$1,000,000 balance are issuable for 80% of cash cost of additions and improvements, provided for 12 months preceding net earnings shall have been twice the interest charges, including the additional bonds. They are subject to call at 105 as a whole or by an annual sinking fund of \$25,000, beginning Jan. 1 1908, interest to be paid on bonds purchased for benefit of sinking fund. See V. 82, p. 572.

**EARNINGS.—**Year ending Jan. 31 1906, gross, \$262,430; net, \$130,541; int. on \$1,000,000 bonds calls for \$50,000; bal., sur., \$80,541.

Pres., A. W. Hartman; Sec., C. E. Van Bergen; Treas., F. Hartman.—(V. 82, p. 572, 989 1442, 1500.)

**E. I. DU PONT DE NEMOURS POWDER CO.—ORGANIZATION.—**Incorporated May 19 1903 and took over various properties controlled by the Du Pont interests, and has acquired others. V. 76, p. 1251; V. 77, p. 453, 1535, 1748; V. 78, p. 290, 1112; V. 82, p. 1214.

**STOCK.—**Stockholders will vote Nov. 5 on increasing the limit of authorized common stock from \$25,000,000 to \$30,000,000. Stockholders were offered the right to subscribe pro rata on or before Nov. 1 1906 for \$952,320 common stock at par, payable 40% Nov. 1 and 20% Dec. 15 1906, 20% Mch. 15 and 20% June 15 1907, or optionally in full on Nov. 1 1906, raising the amount outstanding to \$25,104,190. V. 83, p. 893.

**DIVIDENDS.—**On pref., 5% yearly (Q.-J.) Oct. 1903 to July 25 1906 both inclusive. On common, Dec. 1904, 1/2%; 1905, 3 1/2%; 1906, Mch., 1 1/2%; June, 1 1/2%; Sept., 1 1/2%. V. 83, p. 99.

**BONDS.—**The 4 1/2% of 1906 (\$16,000,000 authorized) are a first charge on the entire property; they are not secured by mortgage or deposit of collateral. Of the issue \$9,200,000 were used to retire a part of the preferred stock and \$1,012,000 were exchanged for subsidiary bonds, the balance, \$5,788,000, being reserved to take up the remaining subsidiary bonds. p. 99, 158, 274, 893.

**REPORT.—**Report for cal. year 1905, in V. 82, p. 865, showed:

Year—	Net income.	Pref. div. (5%)	Com. div.	Bal., sur.
1905	\$4,950,553	\$1,211,518	(3 1/2%) \$845,315	\$2,893,722
1904	4,277,917	1,211,518	(1/2%) 120,750	2,945,640

**OFFICERS.—**Pres., T. C. du Pont; Treas., Pierre S. du Pont; Sec., Alexis I. du Pont. Main office, Wilmington Del.—(V. 82, p. 1442; V. 83, p. 99, 158, 274, 893.)

**EASTMAN KODAK CO. (OF NEW JERSEY)—ORGANIZATION.—**Incorporated in New Jersey Oct. 24 1901 as an amalgamation per plan V. 73, p. 1114, of various operating companies, of which it owns practically all the stock. See list V. 67, p. 1160, 1207; V. 69, p. 387; V. 75, p. 735, 613; V. 77, p. 253, 300; application to list, V. 80, p. 1477.

Stock authorized, common, \$25,000,000; pref. (also as to assets), 6% cum., \$10,000,000; outstanding, com., \$19,524,700; pref., \$6,175,700. No bonds. Dividends on pref. in full to Oct. 1 1906, inclusive (paid Q.-J.). On common, Oct. 1902 to Oct. 1906, inclusive, 10% yearly (2 1/2% Q.-J.), and in Jan. 2% and May 1 1906, 2 1/2% extra.

Report for cal. year 1905, V. 82, p. 1749, showed: Net profits, \$4,013,913; dividend on pref. (6%), \$365,217; div. on com. (12%), \$2,342,964; outstanding stock of subsidiary companies acquired, \$5,232; bal., sur., \$1,300,500. Pres., George Eastman; 1st V.-P. and Treas., Henry A. Strong; Sec., Albert O. Fenn. Office, Rochester, N. Y.—(V. 81, p. 1552; V. 82, p. 694, 749, 807.)

**EDISON ELECTRIC ILLUMINATING CO. OF BOSTON.—ORGANIZATION.—**Incorporated in 1886. In 1903 controlled entire electric light business of city. V. 75, p. 1251; V. 76, p. 1251, 1303; V. 81, p. 157. Reduction in prices July 1 1906, V. 83, p. 40.

**DIVIDENDS.—**In Feb. 1901 3%, including 1% extra; May 1901 to Nov 1906, both inclusive, 10% yearly (paid Q.-F.).

**BONDS.—**Bonds are \$289,000 Boston Electric Light 1st 6s (Int. M. & S.) due Sept. 1 1908; \$961,000 first consol. gold 5s (authorized issue \$1,250,000), due Sept. 1 1924; \$50,000 Somerville Elec. Light 5s, due 1913, and \$175,000 Woburn Light, Heat & Power Co. 6s, due 1918, int. A. & O., at Mercantile Trust Co. Boston.

**REPORT.—**Report for year ending June 30 1905 in V. 81, p. 1434.

Year—	Gross.	Net.	Other inc.	Charges.	Divid's.	Bal., sur.
1905-06	\$3,780,911	\$1,337,625	\$111,637	\$154,552	\$1,148,810	\$145,900
1904-05	3,346,027	1,168,053	100,876	182,824	1,070,770	15,335

**OFFICERS.—**Pres., Charles L. Edgar; Treas., T. K. Cummins. Office, 3 Head Place, Boston, Mass.—(V. 81, p. 1434; V. 83, p. 40, 495.)

**EDISON EL. ILL. OF BROOKLYN.—**See Kings Co. El. L. & Power

**EDISON ELECTRIC ILLUMINATING CO. OF NEW YORK.—**See N. Y. Edison Co. under Consol. Gas of N. Y.; also April 1899 "Supplement."

**ELECTRIC BOAT CO.—ORGANIZATION.—**Incorporated in New Jersey on Feb. 25 1899 and acquired all of the capital stock of the Electric Launch Co., the Holland Torpedo Boat Co. and the Electro-Dynamo Co., &c. V. 69, p. 697. Par, \$100. Issued, common, \$4,999,600; pref., 8% non-cum., \$2,597,500. V. 69, p. 697. Div. on pref., 2% Q.-J., paid Oct. 1903 to Oct. 1906, both incl. Pres., T. L. Rice; Sec., Maurice Barnett, 11 Pine St.—(V. 82, p. 163.)

**ELECTRIC CO. OF AMERICA.—ORGANIZATION.—**Incorporated in Jan. '99, in New Jersey. V. 68, p. 85. In 1899-00 purchased control of electric light plants in several cities. See list, V. 83, p. 438; V. 70, p. 943; V. 74, p. 325; V. 73, p. 238, 289, 495; V. 79, p. 106. Stock, \$5,000,000, of which \$4,078,780 issued; par of shares, \$10 each, full pd. See V. 77, p. 1296.

Stockholders were offered the right to subscribe at par for \$407,865 new stock, payable between Dec. 18 and Dec. 30 1905. V. 81, p. 1613, 1532.

Bonds are \$84,000 Canton (O.) Light, Heat & Power Co. 6s, \$308,000 Auburn (N. Y.) gold 5s, \$100,000 Scranton Illuminating, Heat & Power 5s, due March 1 1923, but subject to call after 1913, and \$50,000 Muncie Electric Light 6s. V. 73, p. 238, 495, 1038; V. 79, p. 106.

**DIVIDENDS.—**50 cts. per share each paid July 1899 to Jan. 21 1901, inclusive (J.-J.); July 31 1901, 25 cts.; Jan. 31 1902, 25 cts.; July 15 1902 (extra div.), \$1 50 (see above); Aug. 18 1902, 25 cts.; 1903 and 1904, 6% per annum; 1905, 7% (J. & J.); 1906, Jan., 3 1/2%. Status April 1903, V. 76, p. 921. Report for 1905 was in V. 83, p. 321, showing total net income, \$440,931, agst. \$408,901 in 1904; div. paid, \$285,503; bal., sur., \$155,426.

**OFFICERS.—**Pres., A. Loudon Snowden; V.-P., John H. Catherwood; 2d V.-P., H. T. Hartman; Sec. and Treas., Frank B. Ball. Office, Land Title Bldg., Phila.—(V. 81, p. 1495, 1552, 1613; V. 83, p. 321, 438.)

**ELECTRIC STORAGE BATTERY.—**Incorporated in 1888 under laws of New Jersey. Owns basic patents for storage batteries. (V. 69, p. 76, 850.) Acquired in 1899 \$6,364,600 stock of Electric Vehicle Co. and in Oct. 1902 an English company. V. 75, p. 908; V. 76, p. 637, 921; V. 77, p. 34, 91. Statement showing properties, &c., V. 77, p. 34; V. 76, p. 868.

**STOCK, &c.—**Stock authorized, \$18,000,000; outstanding, pref., 1% cum., \$234,200, convertible into com. stock, share for share; com., \$16,015,225; par of shares, \$100. After 1% on pref., com. and pref. share equally. On com., April 1 1901 to Oct. 1 1906, both incl., 1 1/4% quarterly (Q.-J.).

**EARNINGS.—**Statement for cal. year 1905 in V. 82, p. 801, showed total net earnings, \$1,213,987; divs. paid, \$812,440; bal., sur., \$401,547; total sur. Dec. 31 1905, \$3,556,994. See also report for 1900 in V. 72, p. 578. Pres. Herbert Lloyd; Sec. & Treas., Walter G. Henderson, Phila. Directors, May 1903 V. 77, p. 34. Office, Allegheny Ave. and 19th St., Phila.—(V. 82, p. 695, 801.)

**ELECTRIC VEHICLE CO.—ORGANIZATION.—**Incorporated in 1897 under the laws of New Jersey. V. 70, p. 1197, 1252; V. 71, p. 1169. S. V. 69, p. 850. As to status in Sept. 1901, see V. 72, p. 493. Decision up holding Selden patent, see V. 76, p. 754; V. 77, p. 253.

**SECURITIES.—**After 8% on com., divs. are to be divided pro rata between the com. stock and pref. stocks. Electric Storage Battery Co. in May 1903 owned \$3,152,300 pref. and \$3,212,300 com. stock and \$544,000 bonds.

**DIVIDENDS.—**On pref., April 1899, 8%; April 1900, 2%. On common, in 1899, 8%. None since. Last report in V. 69, p. 850.

Pres., M. J. Budlong. Executive committee: Phillip T. Dodge, H. H. Vreeland, Albert Taylor, Grant B. Schley Jr., M. Gavin 2d, W. O. Knudsen Office, Hartford, Conn.—(V. 77, p. 253; V. 79, p. 1464.)

**EMPIRE STEEL & IRON CO.—**Incorp. in N. J. in 1899. V. 68, p. 524. As to Allegheny Ore & Iron Co., see V. 83, p. 494; V. 82, p. 1267.

**DIVIDENDS }** July '99 to July '00, '01, '02, '03, '04, '05, 1906, on pref. (%) } 6 yearly. 3 3 3 1/2 2 1/2 3 3

**REPORT.—**Report for year ending Dec. 31 1905 was in V. 82, p. 1267 showing net earnings (over \$11,486 charged off for depreciation), \$124,265; imp'ts charged off, \$32,753; dividend (3%) on pref., \$75,200; bal., sur., \$16,512; total surplus Dec. 31 1905, \$195,110.

Pres., Leonard Peckitt, Catauaqua, Pa.; Sec. and Treas., J. S. Stillman, Catauaqua, Pa. N. Y. office, 111 Broadway.—(V. 83, p. 495.)

**EQUITABLE GAS LIGHT (OF N. Y.)—**See Consol. Gas Co.

**EQUITABLE ILLUMINATING GAS LIGHT CO. OF PHILADELPHIA.—**Organized in 1898 by United Gas Improvement Co., which owns a majority of the stock, to operate the gas works leased from the city of Phila

MISCELLANEOUS.		INTEREST OR DIVIDENDS.		Bonds—Princ- pal, When Due, Stocks—Last Dividend.			
For explanation of column headings, &c., see notes on first page of tabs.	Date of Bonds	Size, or Par Value.	Amount Outstanding		Rate %	When Payable.	Where Payable, and by Whom.
(E) du Pont de Nemours Pow—Com stk (to be \$30,000,000)	----	\$100	\$24,151,870	See text.	Q—M 15	-----	Sep 15 '06, 1 3/4 %
Preferred stock 5% cumulative \$25,000,000	----	100	12,789,075	5 in 1905	Q—J 25	-----	July 25 '06, 1 3/4 %
Bonds (not mortgage) \$16,000,000 gold red at 110	G 1906	1,000	10,212,000	4 1/2 %	J & D	New York	June 1 1936
Eastman Kodak—Common stock \$25,000,000	----	100	19,524,700	See text.	Q—J	Rochester, N Y & Lond	Oct 1 '06, 2 1/2 %
Preferred (also as to assets) \$10,000,000 6% cumulative	----	100	6,165,700	6	Q—J	do	Oct 1 '06, 1 1/2 %
Edison Electric Illum Co, Boston—Stock (bonds see text)	----	100	11,488,100	10	Q—F	By check	Nov 1 '06, 2 1/2 %
Edison Electric Illuminating—See Kings County Electric Lig	ht & P	ower and	Consolidat	ed Gas Co. of Ne	w York.		
Electric Storage Battery—Stock (\$214,045 is preferred) text	----	100	16,249,425	5 in 1906	Q—J	Checks mailed	Oct 1 '06, 1 1/2 %
Electric Vehicle Co—Common stock \$11,000,000 authorized	----	100	10,450,000	-----	-----	-----	-----
Preferred 8% non-cumulative \$9,000,000 authorized	----	100	8,145,000	See text.	See text.	-----	1899, 8 %
Refund 1st M \$2,223,000 extended in 1905 (V 74 p 98) Mo	1902	1,000	1,774,000	6	M & N	Morton Trust Co, N Y	Nov 1907
Empire Steel & Iron—Stock common \$5,000,000	----	100	2,281,400	-----	-----	-----	-----
Preferred stock 6% cumulative	----	100	2,500,000	3 in 1906	J & J	Checks mailed	July 1 '06, 1 1/2 %
Equitable Illuminating Gas Light Co of Phila—Common stock	----	-----	3,125,000	6 in 1905	Dec	-----	Dec 1905, 6 %
Preferred stock 6%	----	-----	3,125,000	6 in 1905	J & D	-----	June 1906, 3 %
First mortgage gold redeemable at 105	N 1898	1,000	6,375,000	5 g	J & J	New York Trust Co, N Y	Jan 1 1928
Erie & Western Transp—1st M \$1,500,000 red (text) GP c*	1905	1,000	1,500,000	4 g	J & J	Treasurer's Office, Phila	Jan 1 1925
Fairmont Coal Co—Stock \$12,000,000	----	100	12,000,000	2 in 1906	Feb	Checks mailed	Feb 1 '06, 2 %
Mortgage (\$6,000,000 gold) sinking fund (see text) G c*	1901	1,000	4,953,000	5 & 6 g	J & J	Guaranty Trust Co, N Y	July 1 1931
Federal Mining & Smelting—Common stock \$10,000,000	----	100	6,000,000	See text.	Q—M	-----	Sep 15 '06, 4 %
Preferred (as to assets) 7% cumulative \$20,000,000 auct	----	100	12,000,000	7 in 1905	Q—M	-----	Sep 15 '06, 1 3/4 %
General Asphalt—Common stock	----	100	9,833,000	-----	-----	-----	-----
Preferred stock 5% cumulative also assets (see text)	----	100	13,139,663	4 in 1906	M & S	-----	Sep 1 1906, 2 %
General Chemical Co—Common stock \$12,500,000	----	100	7,410,300	See text.	See text.	25 Broad St, New York	Sep 1 1906, 2 %
Preferred stock also assets 6% cumulative \$12,500,000	----	100	11,000,000	6	Q—J	do	Oct 1 '06, 1 1/2 %
General Electric—Common stock (to be \$80,000,000)	----	100	See text.	8 in 1906	Q—J 15	Check from Co.'s Office	Oct 15 '06, 2 %
Debentures for Sprague stock \$2,500,000 gold red (text) c	1902	100 &c	2,047,000	3 1/2 g	F & A	Guar Tr Co, N Y; & Bost	Aug 1 1942

delphla. See full particulars in V. 66, p. 426. Common stock issue \$3,125,000; pref. stock, 4% for first year and 6% thereafter \$3,125,000. Sinking fund of \$124,000 yearly is to retire bonds at 105; and beginning in 1908 the Improvement Co. agrees to create a sinking fund to retire the stock in 1928, when the property is to revert to the city. Lease may be terminated by city in 1908 on making certain payment. Total expended for improvements to Dec. 31 1905 was \$16,018,192. V. 80, p. 2348, 1977, 1738; V. 82, p. 1101.

DIVIDENDS.—1898. 1899. 1900. 1901. 1902. 1903. 1904. 1905. 1906
Common (%) --- 4 6 6 6 6 6 6 6 6
Preferred (%) --- 4 6 6 6 6 6 6 6 6

—(V. 81, p. 510, 1668, 1794; V. 82, p. 283, 1043; V. 83, p. 215.)

**ERIE TELEGRAPH & TELEPH.**—See West'n Teleph. & Telegraph Co. Owns terminals, incl. grain elevators and freight warehouses, at Chicago, Ill., Buffalo, N. Y., and Erie, Pa., and vessels plying on the Great Lakes, all used by the Penn. RR., which Jan. 1 '06 owned \$2,499,650 and Northern Cent. Ry. \$500,000 of the \$3,000,000 stock. Bonds are guar. by the Connecting Terminal RR. of Buffalo and Western Warehousing Co. (of Chicago); they are subject to call at 105 after Jan. 1 1910. V. 70, p. 432; V. 80, p. 711; see application to list, V. 81, p. 724. For 10 years ending Dec. 31 1903 dividends were at the rate of 4% to 5% yearly; in 1904 and 1905, none. In 1903 gross earnings were \$1,118,936.—Office, 26 South 15th St., Philadelphia.—(V. 81, p. 724.)

**FAIRMONT COAL CO.—ORGANIZATION.**—Incorporated in West Virginia June 19 1901 as a consolidation of 11 of the leading coal companies in the Fairmont, W. Va., ranges along Monongahela River, on B. & O. RR. Owns 30,280 acres of coal lands and rights and about 4,030 acres of surface; also 24,986 acres under perpetual lease. See V. 74, p. 98, 431. The Consolidation Coal Co. of Maryland (see above), which also controls the Somerset Coal Co., owns \$6,001,200 of the \$12,000,000 stock.

The Fairmont owns \$2,360,800 of the \$3,000,000 Clarksburg Fuel stock and \$1,350,000 Northwestern Fuel Co. stock; \$1,125,100 of the \$2,250,000 Pittsburgh & Fairmont Fuel Co. stock, and \$400,000 stock and \$500,000 bonds of the Southern Coal & Transportation Co., owning about 4,500 acres at Berryburg, W. Va. (the last named acquired July 1906.) V. 78, p. 1272; V. 79, p. 2699; V. 82, p. 1154; V. 83, p. 158. Clarksburg Fuel Co. (report for 1905, V. 82, p. 1155) has outstanding \$2,046,000 1st 5% and \$393,000 6% bonds, and the Pittsburgh & Fairmont Fuel Co. (report for 1905, V. 82, p. 1155), \$1,300,000 30-year gold 5s (U. S. Mortgage & Trust Co., N. Y., trustee), due July 1 1935, subject to call at 110, Interest J & J. Tonnage mined in 1905, 3,748,230 tons; in 1904, 3,750,176 tons.

Bonds.	Date.	Int.	Outstanding.	Maturity.
American Coal & Coke M.	1901	6 F&A	\$190,000	Feb. 1 1911
Briar Hill Coal & Coke M.	1900	5 J&D	215,000	June 1 '06-'13

Fairmont 1st M. of 1901. See table at top of page.

Of the 5s of 1901, \$405,000 are reserved to retire the underlying bonds and \$324,000 to retire the 6s of 1901, which were called for payment at 105 on Jan. 1 1906. Sinking fund for bonds, 2 cents per ton of coal mined. Car trust notes Dec. 31 1905, \$162,810.

**Dividends.**—Divs., 1904, 2%; 1905, 3 (incl. extra); Feb. 1906, 2%. **REPORT.**—Report for year ending Dec. 31 1905 in V. 82, p. 1154.

Year.	Gross.	Net.	Other Inc.	Charges.	Dividend.	Bal., sur.
1905	\$3,518,674	\$669,709	\$320,996	\$618,389	\$240,000	\$132,316
1904	3,754,152	874,654	332,333	563,053	360,000	283,934

Pres., C. W. Watson. Office, Baltimore, Md.; sales office, 1 Broadway, New York.—(V. 81, p. 1045; V. 82, p. 221, 807, 1154; V. 83, p. 158.)

**FEDERAL MINING & SMELTING CO.—ORGANIZATION.**—Incorporated under laws of Delaware June 25 1903. Owns silver-lead mines in Coeur d'Alene district, Idaho. Has six-year contract, expiring Sept. 1 1909, to sell entire output of present mines to American Smelting & Refining Co. See V. 79, p. 2694, 2089; V. 77, p. 203; V. 81, p. 1377. In May 1905 the American Smelters' Securities Co. (controlled by the American Smelting & Refining Co.) acquired control. V. 80, p. 1974.

**STOCK.**—Pref. has no voting power except in connection with increase of pref. stock, but is preferred as to assets in case of dissolution. No bonds. Divs. on pref., 1 1/2% quarterly (Q.-M. 15) to Sep. 15 1906 incl. On com. 1 1/2% quarterly (Q.-M. 15), June 1904 to Sep. 1906, both incl., and in 1905, 1% extra quar.; in March, June and Sep. each 2 1/2% extra.

**REPORT** for year ending Aug. 31 1906 was in "Chronicle" Oct. 1906.

Year.	Net Profits.	Dividend on Pref. Stock.	Dividend on Common Stock.	Balance, Surplus.
1905-06	\$2,685,300	(7%) \$893,650	(14 1/2%) \$843,806	\$1,037,843
1904-05	1,242,697	(7%) 699,016	(9%) 399,879	143,801

Pres., Chas. Sweeney; V.-P. and Chairman, Edwin Packard; Treas., F. W. Hills; Sec., Frederick J. Kliner. Directors: Eugene J. Barney, Dayton, O.; G. M. Borden, Thos. O. Callender, F. W. Hills, John K. MacGowan, W. E. Merrill, Edwin Packard, Thos. J. Phillips, Judd Stewart, Charles Sweeney, Edward Brush and F. T. Gates of New York; Horace G. Knowles, Wilmington, Del.

**GENERAL ASPHALT CO.—ORGANIZATION.**—Incorporated in N. J. on May 19 1903 as successor of the National Asphalt Co., per plan V. 75, p. 188; V. 76, p. 1145. Properties, V. 79, p. 101, 2586, 2699; V. 80, p. 2218; V. 82, p. 1208.

**STOCK.**—The pref. stock has preference as to assets in case of liquidation and is limited to divs. of 5% per annum (cum. from June 15 1905.) As to right of conversion, call, &c., see V. 79, p. 2586.

**DIVIDEND.**—Dividend on pref., 2% in 1906, 4% (M. & S.). **VOTING TRUST.**—Stock is vested for 10 years in five voting trustees, viz., Rudolph Ellis, William F. Harrity, Alvin W. Kreech, Henry Tatnall and George R. Turnbull; but the trust may be dissolved in whole or in part at any time by unanimous consent, or after 7 years as a whole, in the discretion of a majority of trustees.

Bonds of subsidiary companies: \$882,100 Barber Asp. Pav. deb. 6s, due April 1 1916, subject to call at par, beginning 1906; \$1,654,220 New Trinidad Lake Asphalt deb. 6s due Jan. 1 1930. V. 76, p. 993; V. 71, p. 545; V. 79, p. 101; see also securities owned, V. 73, p. 290.

**REPORT.**—Report for year ending April 30 1906 in V. 82, p. 1208, showed results for 12 mos. ending Jan. 31 1906: Total gross income, \$13,323,317; net income, \$1,328,739; interest, taxes, bad debts &c., \$795,738; profit, \$532,992; div. on pref. (2%), \$262,794; bal., sur., \$270,198.

**OFFICERS.**—Pres., John M. Mack; V.-P., Avery D. Andrews and Arthur W. Sewall; Sec., Ira Atkinson; Treas., Clyde Brown. Office, Land Title Bldg., Phila.—(V. 82, p. 104, 1159, 1208, 1215; V. 83, p. 158.)

**GENERAL CHEMICAL CO.—ORGANIZATION.**—Incorporated in N. Y. on Feb. 15 1899 as a consolidation of the Nichols Chemical Co., N. Y., James L. Morgan & Co., N. Y., and others. V. 68, p. 571. Official statement, V. 74, p. 1093; V. 73, p. 724.

**STOCK.**—Stockholders in April 1906 subscribed for \$1,000,000 pref. stock at par, proceeds being used for new plant, &c. V. 82, p. 512, 631.

**REPORT.**—Report for year ending Dec. 31 1905, with bal. sheet, in V. 82, p. 279, showed: Net profits, \$1,662,410; charged off, \$320,425; div., 6% on pref., \$600,000; bal., sur., \$741,985. On pref., Oct. '99 to Oct. '06, both incl., 6% per annum (1 1/2 Q.-J.). On com., 1900 to 1902 both incl., 4% yearly; in 1903, 5% (Q.-M.); in 1906, Mar., 2%; Sep., 2%.

**OFFICERS.**—Pres., William H. Nichols; Treas., James L. Morgan; Sec., William H. Nichols Jr., N. Y., 25 Broad St.—(V. 82, p. 512, 631, 872.)

**GENERAL ELECTRIC CO.—ORGANIZATION.**—Organized under a special charter of New York April 15 1892, and manufactures outfits for electric railways and all kinds of electrical supplies. In 1896 pooled patents with Westinghouse Elec. & Mfg. Co. V. 62, p. 502, 635, 1040; V. 65, p. 151; V. 68, p. 1024. (See V. 68, p. 927.) V. 70, p. 689; V. 80, p. 1481 V. 83, p. 689.

Contract for power, V. 72, p. 583. In June 1901 obtained controlling interest in British Thomson-Houston Co., Ltd., of London. V. 72, p. 1283. In Feb. 1903 about \$2,900,000 of the \$3,000,000 stock of Stanley Elec. Mfg. Co. was purchased. V. 76, p. 437. Owns entire com. stock of Electrical Sec. Corp. and Elec. Bond & Share Co. V. 79, p. 1706, 2645; V. 81, p. 510. In July 1906 acquired Stanley Instrument Co. V. 83, p. 158.

Owns the rights for the U. S. under patents covering Curtis steam turbine engines. V. 76, p. 1195; V. 77, p. 2161; V. 82, p. 1272. Co-operates with American Locomotive Co. in building of electric locomotives. V. 79, p. 1022.

**STOCK.**—On July 15 1902 a stock distribution of 66 2-3% was made, thus restoring the 40% surrendered in 1898. See V. 74, p. 729, 777, 1199, 1252; V. 75, p. 32. Stockholders on Dec. 5 1905 authorized an increase in the stock from \$48,325,500 to \$60,000,000; of the new stock, \$6,034,000 being subscribed by stockholders pro rata at par. V. 81, p. 1377, 1668. Stockholders will vote Nov. 20 1906 on increasing the authorized stock from \$60,000,000 to \$80,000,000, about \$10,900,000 to be offered to stockholders pro rata at par for working capital and extensions, raising the amount outstanding to about \$65,200,000. V. 83, p. 893.

**DIVIDENDS.**—1899 1900 1901 1902 1903 1904 1905 1906

Per cent.	3	6 1/2	9	8	8	8	8
-----------	---	-------	---	---	---	---	---

**DEBENTURES.**—In 1902 \$2,049,400 deb. bonds were issued, redeemable on or before Aug. 1 1912 at par and thereafter at 105 in exchange for greater part of Sprague Electric Co. stock. V. 75, p. 139.

**ANNUAL REPORT.**—Annual meeting is held the second Tuesday in May. Report for 1905-06 was given at length in V. 82, p. 1038, 1047.

Year ending Jan 31—	1906.	1905.	1904.
Income—Sales	\$43,146,902	\$39,231,328	\$41,699,618
Royalties, &c.	798,539	465,717	750,797
Interest and discount	300,782	344,381	194,745
Sale of securities, &c.	173,390	281,928	138,644
Total	\$44,419,613	\$40,323,354	\$42,783,804

Debit—	1906.	1905.	1904.
Operating expenses and taxes	37,025,347	\$33,528,136	\$34,918,427
Interest on debentures	75,106	75,672	76,007

Balance for dividends, &c. \$7,319,160 \$6,719,546 \$7,789,370  
Balance 1905-06, as above, \$7,319,160; cash div. on stock, \$3,861,062; total surplus Jan. 31 1906, \$9,569,196; deducting \$1,000,000 from patent account, leaves total surplus Jan. 31 1906, \$12,027,299. Cash Jan. 31 1906 \$6,356,094; accounts receivable and work in progress, \$18,783,224; stocks bonds, real estate, &c., \$19,463,553; accounts payable, &c., \$2,109,116.

**DIRECTORS.**—C. A. Coffin (Pres.), Eugene Griffin (1st V.-P.), Gordon Abbott, Oliver Ames, W. M. Crane, T. Jefferson Coddige Jr., Frederick P. Fish, Geo. P. Gardner, Henry L. Higginson, J. Pierpont Morgan, J. P. Ord Robert Treat Paine 2d, T. K. Henderson, Charles Steele and E. W. Rice Jr.

Treasurer is Henry W. Darling; Sec., M. F. Westover; N. Y. office 44 Broad St.—(V. 82, p. 99, 1038, 1047, 1272; V. 83, p. 158, 689, 893.)

**GRAND RAPIDS GAS-LIGHT CO.**—See Amer. Light & Traction.

**GREAT LAKES TOWING CO.—ORGANIZATION.**—Incorporated in N. J. on July 6 1899 as a consolidation of towboat companies along the Great Lakes. See V. 69, p. 79, 593; V. 72, p. 778.

**DIVIDENDS.**—1900. 1901. 1902. 1903. 1904. 1905. 1906.

On pref. (%)	7 3/4	3 1/2	0	0	7	7
--------------	-------	-------	---	---	---	---

Pres. and Treas., Edward Smith, Cleveland, O.—(V. 81, p. 1317.)

**GREENE CONSOLIDATED COPPER CO. (Cananea, Mex.)**—Incorporated in West Virginia Sept. 15 1899. The Cananea Central Copper Co., of which one-third of \$6,000,000 stock owned, see V. 83, p. 326, 381. Sierra Madre Land & Lumber Co., 51% of \$15,000,000 stock owned, V. 83, p. 496. Stock, \$10,000,000; of this \$1,360,000 being subscribed for in Feb. 1906 at \$25 per share. V. 82, p. 221. Par of shares, \$10; no bonds. Dividends: In 1901, 4%; in 1903, 6%; in 1904, 13%; in 1905, 24% bi-monthly, beginning Feb.; in 1906, to Nov. 20, incl., 20%.

Report for year ending July 31 1905 in V. 81, p. 1313. In 1905-06, total net profits, \$3,059,447; charges, \$222,818; divs. (24%), \$2,182,400; bal., sur., \$654,229. Pres., W. C. Greene; Vice-Pres., Mark L. Sperry; Sec., Geo. S. Robbins. Office, 24 Broad St., N. Y.—(V. 81, p. 729, 1045, 1177, 1313; V. 82, p. 221, 455; V. 83, p. 99, 158, 326, 381, 496, 893.)

**HACKENSACK WATER CO.**—V. 75, p. 1205, 1964; V. 79, p. 2799.

**HAVANA TOBACCO CO.—ORGANIZATION.**—Incorporated in N. J. on May 28 1902 and acquired per plan, V. 74, p. 1142, control of the Havana Commercial Co., Henry Clay & Bock & Co., Ltd., H. de Cabanas y Carbajal and J. S. Murlas y Ca. Controlled by the same interests as the American Tobacco Co.

Stock, com., \$30,000,000; pref., 5% non-cum., \$5,000,000, all outstanding; par of shares, \$100. Bonds, \$10,000,000 20-year gold 5s, of which \$2,500,000 to remain in treasury. Office, 111 Broadway, N. Y.—(V. 76 p. 1249.)

**HERRING-HALL-MARVIN SAFE CO.—ORGANIZATION.**—Incorporated in N. Y. on Sept. 22 1905 as successor, per plan in V. 80, p. 999, of Herring-Hall-Marvin Safe Co. of N. J. Stock, \$700,000, all outstanding; par of shares, \$100.

Gold debentures notes, \$190,000 of 6s. V. 78, p. 1395.

The 1st pref. of old company received par in new stock, the 2nd pref. 1-6 and the com. 1-30 in amount of new stock.

Reports discontinued in 1906. Report of old company for calendar year 1904, V. 80, p. 995, showed net profits of \$35,296 over maintenance and depreciation. Pres., C. U. Carpenter; Vice-Pres. and Sec., W. B. Pearsons; Treas., A. Proctor Jr. Office, 400 Broadway, N. Y. New directors, Feb. 1906, V. 82, p. 337.—(V. 81, p. 1438; V. 82, p. 51, 337, 989.)

**HUDSON COUNTY GAS.**—See Index "Street Railway" Section.

**INTERNATIONAL HARVESTER CO.**—Incorporated in N. J. on Aug. 12 1902 and bought out five concerns manufacturing agricultural machines: Deering Harvester Co. McCormick Harvesting Machine Co., &c. Also

MISCELLANEOUS.			INTEREST OR DIVIDENDS.				Bonds—Prin- cipal, When Due. Stocks—Last Dividend.
For explanation of column headings, &c., see notes on first page of tables.	Date of Bonds	Size, or Par Value.	Amount Outstanding	Rate %	When Payable.	Where Payable, and by Whom.	
Girard Point Storage—First M guar p & l by Penn RR.	1890	\$1,000	\$2,171,000	3 1/2	A & O	Treas. Office, Phila.	Oct 1 1946
Great Lakes Towing—Common stock \$2,500,000.		100	1,675,000				
Preferred 7% non-cumulative \$2,500,000.		100	1,952,850	7 in 1906	Q—J	Cleveland, Ohio	Oct 1 '06, 1 3/4 %
Greene Consolidated Copper Co—Stock \$10,000,000.		10	10,000,000	24 in '05	Bl-mon	Checks mailed	Nov 30 '06 4 %
Havana Tobacco Co—Bonds \$10,000,000 gold.	1902	1,000	7,500,000	5 g	J & D	Morton Trust Co, N Y	June 1 1922
Hoboken Ferry—See New York & Hoboken Ferry.							
Illinois Steel—See United States Steel Corporation.							
International Harvester—Stock \$120,000,000.		100	120,000,000	4 in 1905	Nov	J P Morgan & Co, N Y	Nov 10 '05, 4 %
International Mercantile Marine—Stock common \$60,000,000.		100	49,932,735				
Preferred stock 6% cumulative \$60,000,000.		100	51,730,971				
Internat Nav 1st M gold \$20,000,000 subj call (text) FP.c*	1899	1,000	19,618,000	5 g	F & A	Company's Office, N Y	Feb 1 1929
I M M coll tr deb \$75,000,000 red 105 after 5 yrs. N.e.* & r	1902	1,000	52,744,000	4 1/2 g	A & O	J P Morgan & Co, N Y	Oct 1 1922
Fred Leyland & Co first mortgage debentures.		£100	£367,100	4	J & D		
International Nickel—Common stock \$12,000,000 authorized.		100	8,822,662				
Preferred stock 6% non-cumulative \$12,000,000 authorized.		100	8,912,626	6 in 1906	Q—F	43 Exchange Place, N Y	Nov 1 '06, 1 1/2 %
First mortgage \$12,000,000 gold call at 110.	1902	1,000	9,770,837	5 g	A & O	New York Trust Co, N Y	April 1 1932
International Paper—Stock common \$20,000,000.		100	17,442,800			Checks mailed	July 1 1899, 1 %
Preferred 6% cum \$25,000,000 (underlying bonds text).		100	22,406,700	6	Q—J	do	Oct 1 '06, 1 1/2 %
First cons M \$10,000,000 g red after 1907 at 105 conv. Us.c*	1898	1,000	9,771,000	6 g	F & A	Metropolitan Tr Co, N Y	Feb 1 1918
Cons M \$10,000,000 gold red slnk fd conv (text) Col.c*	1905	1,000	6,000,000	5 g	J & J	do	Jan 1 1935
International Power—Common stock \$7,400,000.		\$100	\$5,047,000	See text.	See text.		Jan 1906, 1 %
Preferred 6% cumulative \$600,000.		100	600,000	See text.	See text.		Jan 1906, 1 %
International Salt—Stock \$30,000,000.		100	18,228,000	See text.	Q—M		Sep 1 1906, 1 %
Mortgage gold \$12,000,000 red 105 s f \$200,000 yrly. Usm	1901	500 & c	6,450,000	5 g	A & O	Office, 170 Broadway	Oct 1 1951

has large plant in Canada, timber lands, coal, ore, blast furnace and steel properties. V. 75, p. 345; V. 77, p. 454, 1877; V. 81, p. 1668.

STOCK.—Stock is held in a voting trust, the voting trustees being Geo. W. Perkins, Chas. Deering and Cyrus H. McCormick. V. 78, p. 1112.

DIVIDEND.—In 1903, 3%; 1904 4%; 1905, 4%.

OFFICERS.—Chairman of Board, Charles Deering; Pres., Cyrus H. McCormick; V.-P., James Deering, Harold F. McCormick, J. J. Glessner and William H. Jones; Sec. and Treas., Richard F. Howe; Chairman Finance Committee, Geo. W. Perkins; Chairman Executive Committee, J. J. Glessner. General Office, 7 Monroe St., Chicago.—(V. 81, p. 1668.)

INTERNATIONAL MERCANTILE MARINE CO.—ORGANIZATION, &c.—Formerly Internat. Nav. Co., acquiring Oct. 1 1902 (per plan, V. 74, p. 888, 941, 1093; V. 75, p. 1089, 1305), on Dec. 1 1902 White Star, American, Red Star, Atlantic Transport, Dominion and Leyland lines, having an aggregate gross tonnage built or building Dec. 31 1905 of 1,063,269 tons (129 ships). V. 82, p. 1373.

As to agreement with German lines, see V. 74, p. 1255; relations with English Government, V. 75, p. 735; V. 76, p. 975; V. 77, p. 301.

STOCK AND BONDS.—Of the stock, \$10,067,265 com. and \$8,269,029 pref., at last accounts, remained in the treasury (see V. 78, p. 1220). The new 4 1/2% debentures are subject to call at 105 after 5 years. The Internat. Nav. 5s are subject to call at par after 1909 and a s. f. of \$250,000 to \$500,000 will retire them annually, beginning May 1 1905. There are £190,006 Dominion Line debentures.

REPORT.—Report for year ending Dec. 31 1905 in V. 82, p. 1373, showed: Total gross earnings, \$33,362,918; net, \$5,906,744; int. and income tax, \$3,880,055; add surplus insurance account, \$864,159; bal., sur., for year, \$2,890,848. In 1904 gross, \$28,846,993; net, \$1,806,407. Pres., J. Bruce Ismay; Sec., E. E. Parvin.

DIRECTORS.—Americans.—C. A. Griscom, P. A. B. Widener, Percy Chubb, John I. Waterbury, E. J. Berwind, George W. Perkins, Thos. N. Joyce, Charles Steele, E. C. Grenfell, J. B. Ismay, J. P. Morgan Jr., Rt. Hon. W. J. Pirrie, Charles F. Torrey and Henry Wilding.

British Committee.—E. C. Grenfell, Chairman; Rt. Hon. W. J. Pirrie, Henry Wilding, J. Bruce Ismay, ex-officio.

Finance Committee.—J. Bruce Ismay, P. A. B. Widener, E. J. Berwind, Charles Steele, Percy Chubb, J. P. Morgan Jr. and E. C. Grenfell and C. A. Griscom (ex-officio).

Office, 9 Broadway, N. Y.—(V. 82, p. 337, 512, 1373, 1382.)

INTERNATIONAL NICKEL CO.—Incorporated in N. J. Mar. 29 1902 and acquired control of Canadian Copper Co., with plant at Copper Cliff, Ont. (new plant, V. 77, p. 952); Nickel Corporation of London, with mines at New Caledonia, and the Orford Copper Co. of Bayonne, N. J., with their subsidiary companies. In Dec. 1902 control of the Nickel Corp. of London was acquired. V. 75, p. 1205, 1257.

DIVIDENDS.—On pref., 1 1/2% quar. paid Feb. to Nov. 1906, both incl. REPORT.—Report for year ending March 31 1906 in V. 82, p. 1210, showed total net income of constituent cos. (excluding two in New Caledonia), \$1,858,533; int. on bonds, \$497,900; div. on pref. (3%), \$267,361; bal., sur., \$1,093,272.

OFFICERS.—Chairman of board, Robert M. Thompson; Pres., Ambrose Monell; Sec., Stephen H. P. Pell; Treas., James L. Ashley. Directors in 1904, V. 74, p. 730; V. 78, p. 2387. Office, 43 Exchange Pl., N. Y.—(V. 80, p. 2216; V. 81, p. 1795; V. 82, p. 1210.)

INTERNATIONAL PAPER.—Incorporated Jan. 31 1898 and took over by purchase 25 of the principal pulp and paper mills of the U. S., see V. 81, p. 2623; V. 67, p. 428, and V. 69, p. 494; also applications to list in V. 67, p. 1359, and V. 68, p. 726; V. 80, p. 1482. Daily output about 1,700 tons. See prospectus in V. 66, p. 288, and V. 67, p. 177; also official statement, V. 69, p. 281. The Continental Paper Bag Co., a majority of whose \$5,000,000 stock is owned, owns a factory at Rumford Falls, Me.; with capacity 12,000,000 bags daily. First (quar.) div. on com. stock, 1%, paid June 1905. V. 70, p. 742; V. 69, p. 494, 908; V. 73, p. 786; V. 80, p. 2624; V. 82, p. 103. The Amer. Realty Co. acquired some 250,000 acres of land in Maine and made mtge. for \$500,000; outstanding, \$422,000. V. 75, p. 1205; V. 79, p. 2207.

DIVIDENDS.—On pref., July 1898 to Oct. 1906 incl., 6% yearly (1 1/2% quar.) On Dec. 31 1898 paid on com. 1%; in 1899, 2%; none since to Oct. 1906. V. 69, p. 593, 957; V. 72, p. 1037.

BONDS.—The consol. mtge. 5% bonds of 1905 (\$10,000,000 authorized issue), of which \$6,000,000 has been sold to reimburse the treasury for surplus earnings used for improvements and to provide additional working capital, are convertible on any interest day beginning July 1907 and before 1917 into pref. stock at par. A s. f. of 2% of all bonds ever issued is payable yearly, after 1907, for which bonds are subject to call at 105 and interest after 1909. The remaining \$4,000,000 bonds are reserved for future purposes. V. 79, p. 2699; V. 80, p. 119, 225; see app. to list, V. 80, p. 1482.

The consol. 6s of 1898 are convertible at holders' option on any Feb. 1 or Aug. 1 before 1910 into pref. stock at par; they cover all "after-acquired realty." Annual s. f. \$150,000 began Feb. 1 1905. Consols are reserved to take up \$229,000 Otis Falls issue below named. In addition to consols there are outstanding:

1. Int. Paper purch. money.	Interest.	Where paid.	Outst'ng.	Maturity
Ammonoosuc Lumber 1st M.s.f. 4g. M-S N Y, Met Tr Co			\$220,000	Sept 1 '13
Ontario Paper 1st M	6g. F-A	do	do	150,000 Feb 1 '18
Rumford Falls Sulphite 1st M	6g. J-J	do	do	350,000 July 1 '18
Piscataquis Falls P., 1st M, s.f. 4g. F-A	do	do	do	113,500 Aug 1 '18

2. Old bonds (x assumed).

x Hudson River Pulp & Paper	6g. J-J N Y, Man Tr Co	1,500,000	Jan 1 '18
			Subject to call at 105 after 1907.
x Otis Falls Pulp Co., 1st M.	6g. M-N Bost. Old Col Tr.	229,000	May 1 '16
			Old Colony Tr Co. trustee Subject to call at 105.
x Remington Paper Co.	6g. M-N N Y Trust Co	69,000	Nov 1 '06
Olcott Falls Co.	5g. M-S N Y, Met Tr Co	389,000	Mar 1 '19

EARNINGS.—For 5 mos. ending Dec. 1 1905, as reported, net above charges, \$1,057,332; div. on pref. (2 1/2%), \$560,167; bal., sur., \$497,165.

REPORT.—Report for year ending June 30 1905 in V. 81, p. 1313.

Fiscal year.	Gross income.	Cost raw materials, mfg., &c.	Interest, taxes, &c.	Dividends.	Balance surplus.
1904-5	\$20,908,666	\$17,640,198	\$1,130,350	\$1,344,402	\$793,715
1903-4	20,304,514	17,150,530	1,092,323	1,344,402	717,258
1902-3	20,142,771	16,529,310	1,082,927	1,344,402	1,186,132

DIRECTORS.—Hugh J. Chisholm (Pres.), A. N. Burbank (1st V.-P. and Treas.), A. R. Flower, F. B. Jennings, Warren Curtis, T. S. Coolidge, D. O. Mills, A. Pagenstecher, G. F. Underwood, H. A. Wilder and Ogden Mills. Secretary is E. W. Hyde.—(V. 82, p. 1272.)

INTERNATIONAL POWER CO.—ORGANIZATION.—Incorporated in New Jersey on Jan. 14 1899. Controls American & British Manufacturing Co., with plants at Providence, R. I., and Bridgeport, Conn. (V. 68, p. 671), and Alabama Consolidated Coal & Iron Co., with coal and iron mines, furnaces, ovens, &c., in Alabama (see statement in this Section; V. 80, p. 654,

872). Owns Amoskeag Fire Engine Co., engines manufactured by Manchester Locomotive Works, Manchester, N. H. (V. 81, p. 1317). Controls American Oil Engine & Ship Building Co., with plant at Worcester, Mass., and Trinity Zinc, Lead & Smelting Co., with mines at Carthage, Mo., a mill thereon being erected in Apr. 1906. Also owns large holdings in American Locomotive Co. and American Diesel Engine Co. V. 79 p. 503, 215.

DIVIDENDS.—1900. 1901. 1902. 1903. 1904. \*1905. 1906. Preferred % 6 7 1/2 8 1/2 Nil. 6 Below Jan., 1 Common " 0 0 2 1/2 0 0 Oct. 1 Jan., 1

\*On pref., in 1905, Jan., 3%; Mch., 3%; Apr., 3%; May, 3%, in full for deferred dividends to Apr. 1 1905; Oct., 3% and 1% extra. On common, Oct. 1905, 1% (quar.). V. 81, p. 901; V. 80, p. 1426.

Pres., Joseph H. Hoadley, 78 Broadway, New York.—(V. 83, p. 216.)

INTERNATIONAL SALT CO.—ORGANIZATION.—Incorporated in New Jersey in Aug. 1901 and acquired a majority of the stock of the National Salt Co. and Retsof Mining Co. per plan V. 73, p. 724; V. 75, p. 551, 736; V. 76, p. 755; V. 77, p. 1228. On May 25 1904 the National Salt Co.'s properties were purchased at judicial sale; successor International Salt Co. of New York, with \$750,000 stock. V. 78, p. 2014; V. 80, p. 1056; V. 81, p. 1378.

DIVIDENDS.—First dividend, 4%, paid 1% quar. on Dec. 1 1905 and Mch., June and Sept. 1906.

BONDS.—Of the 5s of 1901 (\$12,000,000 authorized issue), one-sixtieth of amount issued is to be retired each year by sinking fund and canceled; to May 1906, \$445,000 had been retired. V. 82, p. 1443.)

Underlying bonds, \$180,000 Hutchinson-Kansas Salt Co., due Jan. 1 1912, and Retsof Mining Co., \$1,000 gold 5s due Oct. 1925, \$2,500,000 (Int. J. & J. at Knickerbocker Trust Co., N. Y., trustee). Report for cal. year 1905, V. 82, p. 690. Pres., E. L. Fuller; Vice-Pres., M. M. Belding Jr.; Treas., Mortimer B. Fuller; Sec., H. D. Fuller; Asst. Sec., P. Sillas Walter. Office, Seranton, Pa.; N. Y. Office, 170 Broadway.—(V. 82, p. 573, 690, 1443.)

INTERNATIONAL SILVER.—ORGANIZATION, &c.—Incorporated in Nov. 1898 under laws of N. J. and acquired silver-plating properties—see V. 67, p. 1160; also V. 68, p. 232, 334, 1024; V. 76, p. 106. Also has a large sterling silver output. See V. 68, p. 334, as to rights of capital stock, plants, &c. V. 67, p. 1160; V. 68, p. 1024; V. 71, p. 545; V. 82, p. 990.

STOCK, &c.—In Jan. 1903 purchased all the stock of the U. S. Silver Corp., which had acquired \$9,068,400 common and \$515,800 preferred stock of the International Silver Co. and all the stock of C. Rogers & Bro., of Meriden, Conn. The International Co. issued in payment therefor \$1,500,000 pref. stock and \$2,000,000 6% debentures. V. 76, p. 106. Sult V. 82, p. 1044. Underlying bonds, \$127,600 Holmes & Edwards 1st 6s.

DIVIDENDS on pref., 1 1/4%, paid Apr. 1900; in 1901, none; Jan. 1902, to Oct. 1906, both incl., 4% yearly (1% Q.—J.); also in Jan. 1903 scrip for unpaid dividends (2 1/4% to date, \$1,085,343. V. 75, p. 1357; V. 76, p. 106.

Report for year ending Dec. 31 1905, with balance sheet, in V. 82, p. 566 showed net earnings, \$1,090,033; int. on bonds, \$333,922; div. on pref. stk. (4%), \$263,324; depreciation, \$206,285; bal., sur., \$286,502. Pres., Samuel Dodd; Treas., Geo. M. Curtis. Office, 11 Maiden Lane, N. Y.—(V. 82 p. 512, 566, 990, 1044.)

INTERNATIONAL STEAM PUMP CO.—ORGANIZATION.—Incorporated on Mch. 24 1899 under the laws of New Jersey as a consolidation of five companies estimated to do 90% of the steam pump business of the country, exclusive of high duty engines. Official statement in V. 68, p. 723; V. 72, p. 673; V. 71, p. 545; report, V. 75, p. 82; V. 76, p. 1146. New factory at Harrison, N. J., costing over \$1,000,000, was completed in 1904. V. 74, p. 1311; V. 75, p. 82, 215; V. 76, p. 215, 1146; V. 79 p. 210. In May 1906 the entire stock of the Power & Mining Machinery Co. was acquired. V. 82, p. 1044, 1159; V. 83, p. 754.

STOCK.—Stock authorized, \$24,000,000 common and \$15,000,000 as increased by \$5,500,000 common and \$2,500,000 preferred in May 1906 to acquire the Power & Mining Machinery Co. V. 82, p. 1044, 1159. Div. on pref. Aug. 1 1899 to Oct. 1 1906, both incl., 6% per annum (1 1/2% Q.—J.); on common, July 1901 to July 1904, incl., 1% quar.; Oct. 1904, 1/2%; in 1905, Jan., 1/2%; April, 1/2%; none since to Oct. 1906. V. 81, p. 34. The stock unissued is set apart to retire the \$2,000,000 7% cum. preference shares of Henry R. Worthington Co. and £161,950 6% debentures and \$485,000 8% pref. shares of Blake & Knowles Co. Holly Mfg. Co. bonds, see V. 73, p. 1117.

Debentures are convertible into stock at option of holder. V. 75, p. 1305, 1357; V. 76, p. 106, 215; V. 77, p. 2393; V. 81, p. 268.

EARNINGS.—For 4 mos. ending July 31 1906, total income, \$689,319; depreciation, miscel. int., &c., \$169,620; bal. subject to bond int., &c., \$519,699. Earnings of Power & Mining Machinery Co. for 4 mos. ending July 31 1906 were, gross, \$113,873; net, \$12,266; organization, &c., \$4,415 bal., sur., \$7,851. V. 83, p. 754.

REPORT.—Report for year ending Mch. 31 1906 given in V. 83, p. 624, showed net profits, \$1,849,744; dividend on pref. (6%), \$531,000; int., &c., \$570,949; bal., sur., \$747,795. Pres., John W. Dunn; Treas., Max Nathan; Ass't Treas., Arnold Tanzer. Office, 114-118 Liberty St., N. Y.—(V. 83, p. 326, 561, 624, 754.)

IRON STEAMBOAT CO. OF NEW JERSEY.—Property consists of seven iron steamboats. Incorp. in New Jersey in Aug. 1902 per plan V. 74, p. 778, 887.

For year ending Oct. 31 1905, gross receipts, \$344,273; oper. exp. and maint., \$339,253; int. on bonds, \$25,000; bal., def., \$19,981. Stock, \$400,000; par of shares, \$10 each; outstanding, \$292,790. Bonds are \$100,000 prior lien 30-year 5s (given for assessment of same amount on the old bonds) and \$500,000 gen. or 2nd 30-year 4s, all redeemable at par. Bonds may be called yearly for sinking fund. See V. 74, p. 778. Pres., Allan C. Washington, 17 Battery Place, N. Y.—(V. 81, p. 1726.)

JEFFERSON & CLEARFIELD COAL & IRON CO.—ORGANIZATION.—Organized under the laws of Pennsylvania in May 1896. See V. 62, p. 908; V. 63, p. 115. The securities of the company are given under Buffalo Rochester & Pittsburg RR.; see "Railroads." Maximum amount so far shipped in one year, 2,595,161 tons.

STOCK.—The \$1,500,000 common and \$300,000 of the \$1,500,000 of 5% non-cum. pref. stock is owned by the Rochester & Pittsburg Coal & Iron Co. (the common being mostly pledged as security for its bonds; V. 75, p. 1357), which places the control of the output with the Buffalo Rochester & Pittsburg Ry. Co.

DIVIDENDS.—On pref. in 1897, Aug., 5%; 1898 to Aug. 1906, 5% yearly (F. & A.). Dividends on common in 1900, 5%; 1902 to 1905, both inclusive, 5% yearly (paid in August); in 1906, none.

BONDS.—Trustee for 1st mtge. is Guaranty Trust Co. of N. Y.; for 2nd mtge., U. S. Mortgage & Trust Co. The sinking fund is 3 cents for each ton of coal mined, the payments not to be less than \$50,000 per annum, and the bonds to be drawn at 105 and accrued int. If not purchasable for less. Any bonds so purchased or drawn are to be held uncanceled by the trustee, and

MISCELLANEOUS. For explanation of column headings, &c., see notes on first page of tables.	Date of Bonds	Size, or Par Value.	Amount Outstanding	INTEREST OR DIVIDENDS.			Bonds—Princt- pal, When Due, Stocks—Last Dividend.
				Rate %	When Payable.	Where Payable, and by Whom.	
International Silver—Stock common \$11,000,000		\$100	\$9,944,700				
Stock preferred 7% also as to assets \$9,000,000		100	6,607,500	4 in 1906	Q—J	Checks mailed	Oct 1 1906, 1%
Dividend scrip (V 76 p 106)			1,085,343	None			At will
First M \$4,500,000 sink fund called at 110 beg'n 1901.. N.c*	1898	1,000	3,700,000	6 g	J & D	Amer Exch Nat Bk, N Y	Dec 1 1948
Debentures \$2,000,000 gold redeemable at par	1903	1,000	2,000,000	6 g	J & J	do do	Jan 1 1933
International Steam Pump Co—Com stock \$24,000,000.. Col		100	17,762,500	See text.	Q—J	Checks mailed	Apr 1 1905, 1/2%
Preferred stock 6% also assets cum \$15,000,000.. Col		100	11,350,000	6 in 1906	Q—F	do	Nov 1 '06, 1 1/2%
Debentures \$3,500,000 (conv into com stock) red 105 beg '08	1903	1,000	3,500,000	6 g	J & J	Colonial Trust Co, N Y	Jan 1 1913
Worthington preferred stock 7% cumulative (see also text)		100	2,000,000	7	M & N	Checks mailed	Nov 1 1906, 3 1/2%
Holly Mfg 1st M \$700,000 gold guar p & lend (V 73 p 1117)	1901	100 & c	700,000	5 g	J & J	Ct Real B & T Co, N Y	Jan 1 1921
Jefferson & Clearfield Coal & Iron—Pref stock 5% non-cum..		100	1,500,000	5	F & A	Checks mailed	Aug 15 '06, 2 1/2%
Bonds—see Buffalo Rochester & Pittsburg RR.							
Kansas City Stock Yards—Stock \$9,000,000 authorized		100	8,117,000	6 in 1905	Q—F		Aug 1 '06, 1 1/2%
Convertible bonds	1900	1,000	224,000	5			
do do	1903	1,000	659,000	5	F & A		Aug 1 1913
Keystone Telephone Co—1st M \$10,000,000 gold red (text) K	1905	1,000 & c	4,275,000	5 g	J & J	Fisk & Robinson, N Y	July 1 1935
Kings County Electric Light & Power—Stock \$10,000,000..		100	8,200,000	8 in 1905	Q—M	Checks mailed	Sep 1 1906, 2%
First mortgage gold \$2,500,000	1897	1,000	2,500,000	5 g	A & O	Colonial Trust Co, N Y	Oct 1 1937
Purchase money M gold sec by Ed stock & c (V 76 p 47) Ce.c*	1898	1,000	5,176,000	6 g	A & O	Central Trust Co, N Y	Oct 1 1907
Edison Elec Ill cons M (now first) \$10,000,000 gold.. Mo.c*	1898	1,000	4,275,000	4 g	J & J	Morton Trust Co, N Y	Jan 1 1939
Knickerbocker Ice—Preferred stock \$3,000,000 (text)		100	3,000,000	6 in 1905	J & J	Checks mailed	July 2 '06, 3%
First mortgage gold redeemable 105	1898	1,000	2,201,000	5 g	A & O	Central Trust, N Y & Chl	April 1 1928
Refunding mortgage \$6,000,000 gold	1906		See text.	5 g			Feb 1 1946
Collat. gold notes \$1,500,000 red. 101	1906	1,000 & c.	1,500,000	5 g	F & A	First Tr & Sav Bk, Chic	Feb 1 1909
La Belle Iron Works—Stock \$7,500,000 authorized		100	7,436,880	See text.	Q—F		Nov 1 1906, 2%
First mortgage \$2,500,000 gold redeemable (text)	1903	500 & c	2,500,000	6 g	J & D	Pittsburgh or Wheeling	Dec 1 1923

the interest on them invested for the sinking fund. It is estimated that with these accumulations the 1sts will be retired in 23 years and the 2nds in 28 years and 6 months.

As further security for the bonds there is pledged with the Guaranty Trust Co. of N. Y., Reynoldsville & Falls Creek RR. Co. 1st mtge. 6% bonds, \$170,000, and \$170,000 stock, being the total securities on about 28 miles of track connecting the mines at Falls Creek with Buff. Roch. & Pitts. Ry., Penn. RR. Erie RR. Western N. Y. & Penn. RR.—(V. 75, p. 188, 1357.)

JOURNEY & BURNHAM.—V. 70, p. 1293; V. 74, p. 580.

KANSAS CITY, MO., GAS CO.—Organized in Apr. 1897 in Missouri and acquired all the property, franchises, &c., of the Kansas City Gas and Missouri Gas Co's. Capacity 5,500,000 cubic feet a day. Capital stock, \$5,000,000, of which United Gas Impt. owns a majority; par, \$100. Bonds outstanding, \$4,250,000 gold 5s due Apr. 1 1922, subject to call at 105. Interest is payable A. & O. at N. Y. office of Guaranty Trust Co. or M. & N. in London. V. 65, p. 277; V. 67, p. 28.

Report for year ending Apr. 30 1905, V. 80, p. 2456. Net, \$428,117; Int., \$204,638; bal., \$223,479. Pres., Hugh McGowan.—(V. 80, p. 2456.)

KANSAS CITY STOCK YARDS CO.—ORGANIZATION.—Incorporated in Missouri in 1900 as successor of old co. of same name. Owns 175 acres used for stockyards purposes. Stock, \$9,000,000, of which \$750,000 reserved to retire the \$750,000 convertible bonds of 1903 and \$224,000 for bonds of 1900. Dividends of 6% yearly paid for many years (Q.—F.) to Aug. 1906, incl. the Aug. 1904 dividend being passed for special reasons. Chairman, Charles Francis Adams, 50 State St., Boston; Pres., C. F. Morse, and Sec. and Treas., E. E. Richardson, Kansas City.—(V. 79, p. 2089.)

KEYSTONE TELEPHONE CO. PHILADELPHIA.—Owns "Independent" (of Bell) telephone system. Operates under a perpetual charter from State of Pennsylvania and perpetual franchise from City of Philadelphia. Six exchange buildings in Philadelphia. Telephones in use, over 21,000, and extensive conduit system of about 12,000,000 feet of tile duct, located in over 270 miles of streets. Also controls about 40 municipal and township franchises through ownership of Keystone State Tel. & Teleg. Co.

Stock, \$2,500,000, all owned by Keystone Tel. Co. of N. J. Majority common stock (pref. has no voting power) of N. J. Co. held in voting trust expiring July 1 1912 (Geo. H. Burnham Jr. of Philadelphia, Chairman).

Bonds are subject to call, as an entirety only, at 108, beginning July 1 1908; \$4,275,000 have been sold to Fisk & Robinson of New York to pay all obligations for construction of plant and to furnish capital for extensions and betterments; \$2,500,000 are reserved to acquire securities of other telephone companies, under severe restrictions, and the remainder for future purposes at not over \$600,000 yearly. Authorized issue, \$10,000,000. V. 81, p. 34.

For 12 months ending June 30:

12 mos.—Gross. Net. Res. Fund. Net Inc. Fixed Chges. Surplus

1905-06. \$820,842 \$366,915 \$77,437 \$289,478 \$210,992 \$78,486

Directors—N. T. Folwell (Pres.), James Collins Jones (V.-P.), F. Wayland Ayer, Marcus Beebe, Geo. Burnham Jr., Clarence L. Harper, Geo. Kessler, Huellings Lippincott, Michael Murphy, Jacob E. Ridgway, Alfred Major. Main office, 135-141 So. Second St., Phila.—(V. 82, p. 283, 1044.)

KINGS COUNTY ELECTRIC LIGHT & POWER.—Acquired in 1898, per plan in V. 67, p. 482, the entire \$5,000,000 stock of the Edison Electric Illuminating Co. of Brooklyn, thus uniting all the electric-lighting business in Brooklyn, N. Y. See V. 69, p. 177, 957; V. 70, p. 483; V. 80, p. 2216.

SECURITIES.—The authorized stock was increased in 1905 from \$5,000,000 to \$10,000,000; of the new stock, \$3,200,000 being subscribed for by stockholders at par early in 1906. In Sept. 1906 permission was granted to issue the remaining \$1,800,000. V. 82, p. 51; V. 83, p. 496.

The \$5,176,000 purchase money bonds are secured by deposit of \$5,000,000 Edison stock in trust, by a 2nd mtge. lien on the Kings County plant as now owned or hereafter acquired and by \$1,000,000 cash guaranty fund to be invested in securities approved by the committee; see V. 67, p. 482, 1309. As to Edison Co.'s con. mtge., see V. 67, p. 482, 842; V. 71, p. 493, 868.

DIVIDENDS.—June 1900 to Mch. 1903, 1 1/2% quarterly; since, 2% quar.

REPORT.—Report for calendar year 1905 in V. 83, p. 212, showed: Net earnings of Edison Co. under lease, \$437,871; Int. from investments, &c., \$46,758; div. on stock (8%), \$400,000; legal exp., \$10,000; bal., sur., \$74,629. Pres., A. N. Brady; 1st V.-P., A. M. Young; 2d V.-P., Gen. Man and Treas., W. W. Freeman; Sec., J. H. Evans; Asst. Treas., P. R. Atkinson Office, 360 Pearl St., Brooklyn, N. Y.—(V. 82, p. 513; V. 83, p. 212, 496.)

KNICKERBOCKER ICE CO OF CHICAGO.—ORGANIZATION.—Incorporated in Illinois in 1885. V. 77, p. 254; V. 82, p. 1325.

STOCK.—Common stock, \$4,000,000, all outstanding; par of shares, \$100. Preferred is not preferred as to assets and is convertible into common stock at option of holder.

DIVIDENDS '98. '99. '00. '01. '02. '03. '04. '05. '06  
Common (%) 0 5 1/2 1 0 0 0 0 0 0  
Preferred (%) ———— 6% yearly to date

BONDS.—The first 5s of 1898 are subject to call at 105 when drawn by lot; Chicago Title & Trust Co. and W. E. Pluney, mortgage trustees. In April 1906 made mortgage to First Trust & Savings Bank of Chicago and Emile K. Holsot as trustees to secure \$6,000,000 of 5% refunding bonds, of which \$2,299,000 is deposited to secure \$1,500,000 5% 3-year gold notes. V. 82, p. 932, 990. Other collateral for notes, V. 83, p. 439.

REPORT.—Report for year ending Dec. 31 1905 in V. 82, p. 390, showed: Net earnings, \$391,951; bond interest, \$98,492; div. on pref. (6%), \$179,757; bal., sur., \$113,702. In 1904, net, \$384,528; bond interest, \$97,090.

OFFICERS.—Pres., John S. Fields; Treas., Alexander Dahman; Sec. Wm. A. Walter. Office, 171 La Salle St., Chicago.—(V. 83, p. 821.)

LA BELLE IRON WORKS.—ORGANIZATION.—Incorporated in West Virginia Dec. 3 1875. Owns plant at Steubenville, O., embracing 2 blast furnaces, open-hearth steel plant having 9 50-ton furnaces, skelp, pipe and plate mills; an 84-inch plate mill, cut-nall factory, coal and ore lands; also plant at Wheeling, West Va., embracing two skelp mills and cut-nall factory. V. 77, p. 1228, 1535; 1749; V. 80, p. 1365; V. 83, p. 627.)

RECENT DIVIDENDS.—May 1905 to Nov. 1905 1 1/2% quar.; Feb. to Nov. 1906, 2% quar.; also Sept. 1906, 8% in stock, V. 83, p. 627.

BONDS.—Of the bonds, \$100,000 are to be drawn yearly Dec. 1 at par, beginning 1908, further amounts by lot at company's option at 105. Dollar Sav. & Trust Co. of Wheeling, W. Va., trustee. V. 77, p. 1749.

REPORT.—Report for year ending June 30 1906 in V. 83, p. 625, showed Net profits, \$1,856,980; bond interest, \$150,000; dividends (7 1/2%), \$516,450; bal., sur., \$1,186,629. Pres., Isaac M. Scott; Sec., H. D. Westfall; Treas., R. C. Kirk. Directors, Sept. 1906, V. 83, p. 627. Office, Wheeling, W. Va.—(V. 83, p. 496, 625, 627.)

LACKAWANNA STEEL CO.—ORGANIZATION.—Incorporated in New York on Feb. 15 1902. The properties (see V. 77, p. 34; V. 74, p. 1142; V. 76, p. 161, 437; V. 80, p. 1916; V. 81, p. 1668) are:

(1) Plant situated at West Seneca, near Buffalo, N. Y., to manufacture plate and all classes of structural steel and other materials in addition to steel rolls and billets, to have a capacity of not less than 1,250,000 tons of finished product per annum; (2) ore properties in Minnesota, Michigan, Wisconsin and New York, stated to have 56,000,000 tons of ore in sight (3) 21,720 acres of bituminous coal lands (coal rights and in fee) in Pennsylvania; blast furnaces and coke ovens at and near Lebanon, Pa., an interest in the Cornwall RR. and Cornwall Iron Co., the first-named being leased, and about one-third of the stock of the Cornwall & Lebanon RR.

STOCK.—Stock authorized, all common, \$60,000,000; par of shares, \$100; of this, \$34,971,400 is outstanding, full paid, and \$28,600 is held for exchange, share for share, for Lackawanna Iron & Steel stock; and \$20,000,000 is reserved to retire convertible bonds. V. 76, p. 869.

BONDS.—The 1st mtge. gold 5s of 1903 (limited to \$15,000,000) are secured by a 1st lien on the West Seneca plant and the stocks of other corporations owned. They are convertible into stock, dollar for dollar, at par, at the holder's option at any time up to April 1 1915. V. 77, p. 34; V. 76, p. 437.

The 30-year 1st consol. 5s (\$30,000,000 authorized issue) of 1905 cover all the property of the company owned or to be acquired, including the stock of the Negaunee mne. Of the bonds, \$15,000,000 is reserved to retire the 1st 5s. For present needs, \$10,000,000 5-year 5% gold notes dated Mch. 1 1905 subject to call on any interest day at par, were sold, secured by pledge of \$12,500,000 of the 1st consols. V. 80, p. 225, 475.

There are also outstanding \$1,775,000 Lackawanna Iron & Steel 30-year 5s due Feb. 1 1926, Farmers' Loan & Trust Co., trustee, covering property in Pennsylvania. V. 76, p. 385.

OFFICERS.—Pres., E. A. S. Clarke; V.-P., Moses Taylor; V.-P. and Gen. Mgr., Charles H. McCullagh Jr.; Treas., J. P. Higginson; Sec., F. F. Graham; Comp., Marshall Lapham. N. Y. office, 100 Broadway.

Directors—J. J. Albright, C. Ledyard Blair, E. A. S. Clarke, Mark T. Cox, Warren Delano Jr., G. R. Fearing Jr., B. S. Guinness, Edmund Hayes, Adlan Iselin Jr., Samuel Mather, J. G. McCullough, D. O. Mills, Moses Taylor Pyne, John J. Mitchell, James Speyer, H. A. C. Taylor, Moses Taylor, H. McK. Twombly, Cornelius Vanderblit, Robert B. Van Cortlandt, Henry Walters.—(V. 81, p. 1668; V. 83, p. 894.)

LACLEDE GAS LIGHT.—ORGANIZATION.—Incorporated in 1857 and in 1889 secured control of all the other gas companies in St. Louis. Operates under perpetual franchises. In 1896 the price of gas was reduced from \$1 18 to \$1 per 1,000 feet for illuminating, and 80 cents for fuel gas. Sults, V. 66, p. 760; V. 70, p. 534. In 1903 North Amer. Co. acquired control. V. 76, p. 545, 922; V. 78, p. 1273; V. 80, p. 1000.

STOCK.—Preferred, 5% cumulative, \$2,500,000; common, \$17,500,000 authorized, outstanding, \$8,500,000; par of shares, \$100. V. 78, p. 823.

DIVIDENDS.—'95-'97. '98. '99. '00. '01. '02. '03. '04. '05. 1906.  
Preferred, 5% cum. } 7 8 5 5 5 5 5 5 5 5 June, 2 1/2  
Common } 0 3 3 4 4 4 4 5 5 Incl. Sep. 3 3/4

BONDS.—See application to Stock Exchange in V. 49, p. 657.

Of the refunding and extension 5s of 1904 (\$20,000,000 authorized issue; Bankers' Trust Co. of N. Y. and Missouri Valley Trust Co. of St. Louis, trustees), \$6,500,000 have been issued, \$10,000,000 are reserved to refund the outstanding bonds due 1919 and \$3,500,000 for not exceeding 85% of cost of future extensions and improvements. See V. 78, p. 1273, 1395; V. 79, p. 1644; V. 80, p. 470.

ANNUAL REPORT.—For year ending May 31 1906 (V. 83, p. 158), gross earnings, \$3,316,977; net, \$1,316,150; Int. on bonds, \$813,680; bal., sur., \$502,470; div. on pref. (5%) calls for \$125,000, and 5% on common, \$425,000 yearly. New York office, 50 Broad St.—(V. 83, p. 158, 275.)

LAKE SUPERIOR CORPORATION.—ORGANIZATION.—Incorporated in New Jersey on May 19 1904 as successor, per plan V. 77, p. 1296, and V. 78, p. 1784, 1909, of Consolidated Lake Superior Co. Owns directly or through its ownership of the Ontario Lake Superior Co. all the capital stock of the various corporations centering about Sault Ste. Marie, Canada, (See list in Section of Jan. 1904, and compare V. 77, p. 771.) Bounty on steel, V. 79, p. 906; V. 81, p. 671; V. 83, p. 627. Status Jan. 1905, V. 80, p. 654. Rall production 1906, V. 82, p. 1269.

The plants include: Bessemer steel works and rail mill with capacity for producing about 600 tons of rolls per day; two blast furnaces of about 400 tons daily capacity; by-product charcoal plant of 20 retorts and 56 bee-hive kilns; Helen Iron ore mines; 106 miles of railroad completed and in operation; 9 ore, freight and passenger steamships, nickel and copper mines and smelters, ferro-nickel roasting plant, sulphurous acid works, machine shops, forge, iron and brass foundry, car-building shops, two saw-mills of 160,000 feet daily capacity, veneer mill, ground wood-pulp mill of daily capacity of 100 tons sulphite pulp mill of 60 tons daily capacity, water works and electric light plant, two electric street railways, two water-power canals of 60,000 and 20,000 horse-power and ferry across St. Mary's River. See also V. 76, p. 656, 1410; V. 77, p. 193, 771; V. 79, p. 1026; V. 81, p. 977.

BONDS.—The 1st mtge. and coll. trust 5s of 1904 (\$10,000,000 auth.) are secured by all the property of the company, including the equity over the lien of the \$2,000,000 Canadian Improvement notes (see below) in the securities deposited thereunder, upon payment of which the bonds will become a first lien thereon. First div. on incomes, 5%, paid Oct. 1 1906. V. 83, p. 627.

The Canadian Improvement Co. (V. 78, p. 1551, 1784), which provided the balance of the cash requirements of the plan above the amount received from all other sources, including \$1,000,000 cash working capital, secured from the Province of Ontario a guaranty of its \$2,000,000 2-year 5% notes of which one-half paid off May 1 1906, remainder extended 6 months. (See V. 77, p. 771; V. 82, p. 1044, 1104.)

Bonds of subsidiary companies include \$3,500,000 Mich. Lake Superior 1st gold 5s due May 1 1949, Int. due M. & N., and \$1,013,572 of other companies. (See V. 77, p. 771, 193, and V. 76, p. 682, 754; V. 69, p. 336; V. 80, p. 602, 874. As to readjustment of Mich. Lake Superior bonds, see V. 80, p. 715, 1365, 1482, 1858; V. 81, p. 1173, 1853; V. 82, p. 573; V. 83, p. 382.)

REPORT.—Report for year ending June 30 1906 in V. 83, p. 821, showed: Total net income, \$1,138,744; Int., gen. expenses, taxes, etc., \$581,864; div. (5%) on income bonds, \$150,000; bal., sur., \$406,880.

DIRECTORS.—Charles D. Warren (Pres.), Toronto; Charles E. Orvis, New York, and Thomas J. Drummond, Montreal (Vice-Presidents); John T. Terry Jr. (Treas.), New York; Francis B. Reeves, J. Tatnall Lea and Charles S. Hinchman of Philadelphia; Dumont Clarke, John T. Terry, New York; Alfred P. Holler, Orange, N. J.; R. Wilson Smith, Montreal; and F. H. Clergue and Edmund Q. Trowbridge, New Haven. N. Y. office, 111 Broadway.—(V. 82, p. 1044, 1104, 1269; V. 83, p. 382, 627, 821.)

MISCELLANEOUS.	Date of Bonds	Size, or Par Value.	Amount Outstanding	INTEREST OR DIVIDENDS.			Bonds—Princ- pal, When Due. Stocks—Last Dividend.
				Rate %	When Payable.	Where Payable, and by Whom.	
Lackawanna Steel—Stock \$60,000,000 authorized.		\$100	\$34,971,400				
First mortgage gold redeemable convertible (text).....F.c*	1903	1,000	15,000,000	5 g	A & O	Office, 100 B'way, N Y	April 1 1923
Five-year secured gold notes \$10,000,000 redeemable at par	1905	1,000	10,000,000	5 g	M & S	do do	Mch 1 1910
First consol M \$30,000,000 gold redeem at 105 after Mch '15	1905	1,000	See text.	5 g	M & S	do do	Mch 1 1935
Laclede Gas Light—First mortgage gold.....Ce.c*	1889	100 & c	10,000,000	5 g	Q—F	30 Broad St, New York	May 1 1919
Refunding and extension mortgage \$20,000,000 gold.....c*	1904	1,000	7,000,000	5 g	A & O	do do	April 1 1934
Coupon notes gold.....	1901	1,000	1,000,000	5 g	F & A	do do	Feb 1 1911
Lake Superior Corporation—Stock \$40,000,000.....		100	40,000,000				
First mortgage \$10,000,000 gold.....Usm	1904	1,000	9,043,000	5 g	J & D	Amer Exch Nat Bk, N Y	June 1 1944
Income mortgage \$3,000,000 gold.....	1904	1,000	3,000,000	Upto 5%	Oct 1	5% paid Oct. 1, 1906	Oct 1 1924
Bonds of subsidiary companies (see text).....							
Lanston Monotype Machine—Stock \$5,000,000 authorized.....		20	4,962,400	4 ln 1906	A & O		Oct 23 '06, 2 %
Lehigh Coal & Navigation—Stock \$17,378,500.....		50	17,378,500	8 ln 1905	M & N	Office, Philadelphia.	May 28 '06, 4 %
First M canal 6,030 acres coal and 76 miles L & S RR.....r	1864	Various	5,000,000	4 1/2	Q—J	do do	July 1 1914
First M gold Lehigh & Susq RR (V 64 p 41) gold.....FP r	1867	Various	1,992,833	4 g	Q—F	do do	April 1 1914
Second M (1st M Nant RR) (V 65 p 367) gold.....c*	1867	500 & c	1,842,500	4 g	J 15 & D	do do	June 15 1914
Cons 3d M Canal Coal & 122 m RR; 2d M 26 m RR.....FP r	1871	1,000	2,470,750	7	J & D	do do	June 1 1911
General mortgage for \$15,000,000 gold.....FP r	1884	1,000	3,686,000	4 1/2 g	Q—F	do do	May 1 1924
Fund & Imp M \$7,500,000 g (Ser A) \$2,085,000 PIP.c*	1898	1,000	3,526,000	4 g	J & J	do do	July 1 1948
Mackay Companies—Common shares \$50,000,000 authorized.....		100	41,380,400	See text.	Q—J	Boston, Canada & Lond	Oct 1 '06, 1 %
Preferred shares 4 % cumulative \$50,000,000 authorized.....		100	40,645,600	4	Q—J	do do	Oct 1 '06, 1 %
Com Cable M (incl deb & stock) \$20,000,000 gold.....F.c&r	1897	\$ & £	20,000,000	4 g	Q—J	F L & T Co, & Off, N Y	Jan 1 2397
Manufacturers Light & Heat—Stock \$50,000,000 (bonds.text).....		50	21,000,000	6 ln 1906	Q—J	Checks mailed	Oct 20 '06, 1 1/2 %
Maryland Coal—Stock preferred (no bonds).....		100	1,885,005 8	ln 1905	J 30 & D	1 Broadway, New York	June 30 '06, 4 %
Massachusetts Gas Companies—Common stock.....		100	25,000,000	See text.	See text.		Aug 1 1906, 1 %
Preferred 4 % cumulative \$25,000,000.....OB		100	25,000,000	4 ln 1905	J & D	Company's office, Boston	June 1 '06, 2 %

**LANSTON MONOTYPE MACHINE CO.—ORGANIZATION.**—Incorporated in Virginia in 1887. Manufactures for sale or rental automatic machines for composing and casting of type. Controls Lanston Monotype Corporation of London, England, with which it has contract for sales in Europe. V. 78, p. 2440. In Jan. 1905 made a loan of \$250,000, payable in 3 years or sooner on unsecured notes. Report for year ending Feb. 28 1906 in V. 82, p. 1038, showed: Net sales, \$1,058,838; net profits over depreciation, \$305,148.

Dividends in 1906, 4% (A. & O.) Pres., J. Maury Dove; Treas., J. Sellers Bancroft; Sec., Wilfred Bancroft. Office and factory, 1231-39 Callowhill St., Philadelphia, Pa.—(V. 82, p. 808, 1039.)

**LEHIGH COAL & NAVIGATION.**—Owns canal from Coalport to Easton, Pa., 48 miles, and leases Delaware Division Canal, 60 miles. Also owns Lehigh & Susquehanna RR., Phillipsburg, N. J., to Union Jet., Pa., 105 miles, with branches, 60 miles, and leases for 999 years Nesquehoning Valley RR., 17 miles; Treskow RR., 7 miles; other lines, 17 miles; total, 206 miles, of which 115 miles double track; but all these roads are leased for 999 years from 1871 to Central of N. J. RR., rental being 33 1-13 % of gross earnings, with a minimum rental of \$1,414,400. Delaware Div. Canal leased for 99 years from 1866. As to Lehigh & Delaware RR., see V. 78, p. 1109, 2388; V. 79, p. 906. In May 1904 control of the Lehigh & New England RR. was acquired. V. 78, p. 1785; V. 79, p. 2646.

**STOCK.**—In 1905 \$13,327,250 stock was deposited in a voting trust expiring March 1 1910 (R. Dale Benson, E. W. Clark Jr., Geo. H. Earle Jr., George H. Frazier and Erskine Hewitt, trustees; Provident Life & Trust Co. of Phila., depository), with power to sell at not less than \$135 per share. V. 79, p. 2646, 2699; V. 80, p. 166, 602.

**BONDS.**—Gen. mtge. of 1884 covers 7,460 acres coal land, 48 miles canal and 161 miles railroad; bonds are reserved to retire all prior issues. For mtge. of 1898, see V. 67, p. 125; V. 70, p. 428; V. 81, p. 720.

The \$1,418,600 Nesquehoning Valley RR. stock, for which an equal amount of the 4s of 1898 is reserved, was called for payment on Sept. 1 1904 and is held in the treasury. V. 79, p. 107.

Jointly and severally with Cent. RR. of N. J. guarantees \$1,062,000 Lehigh & Hud. River Ry. gen. 5s, prin. and int. V. 67, p. 788.

**DIVS.**—'94. '95. '96. '97. '98. '99. '00. '01. '02. '03. '04. '05. 1906. Per cent 4 1/2 4 4 4 4 4 5 1/2 6 5 6 7 8 May, 4

**ANNUAL REPORT.**—Report for 1905 was in V. 82, p. 566. Coal produced in 1905, 2,651,538 tons; '04, 2,245,044 tons; '03, 2,194,119 tons.

Year ending Dec. 31—	1905.	1904.	1903.	1902.
From railroads.....	\$2,302,428	\$2,266,026	\$2,244,262	\$1,819,276
Canals.....	def. 49,190	def. 159,457	def. 69,039	def. 77,036
Net profit on Leh. Coal.....	852,772	601,417	730,032	393,349
Miscellaneous.....	316,653	223,322	203,879	217,510

Total receipts.....	\$3,422,662	\$2,931,309	\$3,109,134	\$2,353,098
Int., rentals, taxes, &c.....	\$1,305,265	\$1,363,434	\$1,397,551	\$1,354,595
Dividends.....	(8)1,387,604	(7)1,104,050	(6)946,329	(5)717,332
Balance.....	sur. 729,793	sur. 463,825	sur. 765,253	sur. 281,172
Sinking fund.....	121,415	102,277	100,381	48,636
Deprec'n and damage.....	200,000		100,000	222,558

Office, 108 South 4th St., Philadelphia.—(V. 82, p. 1044, 1500.)

**LEHIGH & WILKESBARRE COAL.**—See Central RR. of N. J.

**MACKAY COMPANIES.—ORGANIZATION.**—A voluntary association, formed under trust deed of Dec. 19 1903 and managed by five trustees to be elected annually. Present trustees are Clarence H. Mackay, W. W. Cook, Geo. G. Ward, Dumont Clarke and Edward C. Platt. Owns entire \$23,000,000 stock of Commercial Cable Co. and the entire capital stock of the Postal Telegraph Cable Co.; also shares of capital stock of 74 other cable, telegraph and telephone cos. in U. S., Canada and Europe. V. 78, p. 99; V. 80, p. 405, 1974.

Div. on pref., 1% quarterly, paid April 1904 to Oct. 1906, both inclusive. Div. on com., Jan. 1905 to Jan. 1906 (incl), 2% yearly (J. & J.); July and Oct. 1906, 1% (quar.). Report for period from Feb. 23 1905 to Feb. 1 1906 in V. 82, p. 450, showed: Div. received, \$2,719,595; gen. expen., &c., \$23,186; div. paid, \$2,232,492; bal., surp., \$363,917. Office, Ames Bldg., Boston. V. 81, p. 1795.

**COMMERCIAL CABLE CO.**—This co. owns five cables from Nova Scotia to Ireland; one from Ireland to Havre, France; two from Ireland to Bristol, England; two, Nova Scotia to New York, and one to Rockport, Mass., &c.; and one from Fayal (Azores) to Canso (Nova Scotia); one from Fayal (Azores) to Ireland; total cables, 13,000 miles. On Aug. 28 1906 cable to Iceland was opened. V. 83, p. 497. Also controls Commercial Pacific Cable Co., with lines from San Fran. via Hawaiian Islands to the Philippine Islands, 8,000 miles. V. 76, p. 541; V. 77, p. 39, 198; V. 81, p. 1438. Amendment to certificate of Incorporation Nov. 1904, V. 79, p. 2549; V. 81, p. 976. Proposed cables to Cuba, V. 83, p. 690.

Jan. 1 1897 the Commercial purchased Postal Telegr. Cable Co., its stock of \$15,000,000 being mostly exchanged, \$ for \$, for 4% bonds. The 1st mtge. covers all property and leases and also the stocks owned of the various companies controlled—see V. 64, p. 951; V. 72, p. 535. Postal Co. Dec. 31 1903 had 200,972 miles of wire (land lines), 3,017 offices. The Postal Co. has also working arrangements with 75,273 miles of wire and 16,960 additional offices. V. 74, p. 1357; V. 75, p. 79.

Office, 253 Broadway, N. Y.—(V. 83, p. 497, 690, 821.)

**MADISON SQUARE GARDEN.**—Owns in fee a block of land in New York City and building thereon. Stock, \$2,000,000 (par, \$100.)

**BONDS.**—\$1,250,000 first 20-year gold 5s, due Nov. 1 1919 and \$750,000 2d gold 6s; last coupon paid on latter being that of Nov. 1904. Mercantile Trust Co. of N. Y., trustee. Second mtge. bondholders' committee: F. K. Sturges and W. C. Gulliver; depository, J. P. Morgan & Co. V. 65, p. 620.

**DIRECTORS** (Oct. 1906)—F. K. Sturges, J. Pierpont Morgan, D. O. Mills, Charles Lanier, H. H. Hollister, W. F. Wharton, W. C. Gulliver, James T. Woodward, Adrian Iselin Jr. and James C. Young.—(V. 67, p. 690; V. 68, p. 85; V. 71, p. 137.)

**MANHATTAN BEACH HOTEL & LAND (Limited).**—Owns the real estate and premises known as Manhattan Beach, with the Manhattan Beach and Oriental hotels, music amphitheater, fireworks enclosure, bicycle track and other buildings, 446 acres of land, &c. Stock, \$2,000,000, of which \$500,000 is pref. 5% non-cum.; pref. outstanding, \$500,000. Bonds, \$1,500,000 gen. gold 4s, due Nov. 1 1940; Int., M. & N.; Title Guar. & Trust Co. of N. Y., trustee.

The May 1906 coupon is in default; on May 5 1906 Fred Ingraham of Hempstead, L. I., was appointed receiver. The Manhattan Beach Securities Co. owns a majority of the bonds and some of the stock. V. 82, p. 1044, 1104.

A minority bondholders' committee (State Trust Co., Boston, and Bankers' Trust Co., N. Y., depositories) in June 1906 requested deposits. V. 82 p. 1443; V. 83, p. 216.

N. Y. office, 192 B'way.—(V. 82, p. 1044, 1104, 1443; V. 83, p. 216.)

**MANUFACTURERS' LIGHT & HEAT CO., PITTSBURGH.—ORGANIZATION.**—Incorporated in Pa. on Nov. 28 1899; reincorporated April 21 1903. Owns 480,312 acres of gas lands, of which 383,223 not yet drawn upon in Jan. 1906. In Dec. 1903 new trunk pipe line extension into West Virginia was completed. V. 76, p. 1252; V. 78, p. 986.

**STOCK.**—Stock authorized, \$25,000,000 as increased June 1903; outstanding, \$21,500,000, of which \$529,150 in treasury; par of shares, \$50.

**DIVIDENDS.**—1 1/2 % quarterly, paid 1903 to Oct. 1906, both inclusive.

BONDS.	Date.	Interest.	Outstand'g.	Maturity.
Ft. Plu. Gas 1st M. g. due				
\$100,000 yearly (\$1,000)	1900	6 g. J 30 & D	\$500,000	To June 30 '11
each J Pi		Int. at T. Mellon & Sons' Bank, Pittsburgh.		
M L & I 1st M. g. due \$50,-	1900	6 g. J. & J.	\$450,000	To Jan. 1915
000 yearly (\$500, &c., ea.)		Int. at Union Trust Co., Pittsburgh, Pa.		
Wheel. 1st col. tr. M., \$2,-				
500,000, g. due \$200,000	1903	6 g. F. & A.	\$1,799,000	To Feb. 1916
yearly (\$1,000 each)....		Int. at Colonial Tr. Co., Pittsburgh, Pa.		
New mtge., \$6,500,000, g.	1903	5 g. M. & N.	\$5,700,000	To May 1918
		Int. at Union Trust Co., Pittsburgh.		
Wheel. col. bonds (several series) are subject to call from 102 to 105.				

**REPORT.**—Report for cal. years 1904 and 1905, in V. 82, p. 390, showed gross earnings, \$9,766,281; net over depreciation (\$1,215,358), \$5,494,424; surplus over 6% on stock, bond interest and retirement of \$1,590,000 bonds, \$241,754.

**OFFICERS.**—Pres., H. B. Beatty; Sec. and Asst. Treas., H. E. Seibert, Treas., E. H. Myers. Directors, Jan. 1906, V. 82, p. 390. Office, Farmers' Bank Bldg., Pittsburgh, Pa.—(V. 82, p. 337, 390.)

**MARSDEN CO.—**Incorporated in Feb. 1897 to manufacture products from cornstalks—see V. 65, p. 235, for uses of product. Com. stock authorized, \$35,000,000; outstanding, \$33,962,200. Report 1904 in V. 80, p. 1056. In Dec. 1903 sold majority interest in Internat. Smokeless Powder & Chem. Co., receiving in exchange \$2,565,000 Dupont Internat. Powder Co. 8% pref. stock (cum. as to 5%) and \$120,000 collat. trust 5% bonds. Most of Marsden pref. has been exchanged for Dupont pref., \$861,625 of the latter being held in the treasury Dec. 31 1904. V. 80, p. 1056. Owns entire stock of American Milling Co., with plants at Riverdale, Chicago and Peoria. V. 74, p. 35, 1354; V. 78, p. 767. In June 1905 W. W. Gibbs of Phila. requested options on 25% of stock at \$4 per share to Sept. 1 1905. V. 80, p. 2625. Pres., A. G. Wlnter; V.-P., and Treas., E. G. Buckner. Office, Drexel Bldg., Philadelphia.—(V. 78, p. 290, 767, V. 80, p. 2625.)

**MARYLAND COAL CO.—**Controls 6,000 acres of land in Allegheny and Garrett counties, Md., 1,500 acres in Wendel County, W. Va., and 2,800 acres near South Fork, Pa.

**STOCK.**—Pref. as in table, and in addition old com., \$11,100, and treasury stock, \$103,895. Produced 244,684 tons in 1905; 322,079 tons in 1904. Report for year ending January 31 1905, in V. 80, p. 654. Surplus earnings in 1905 over interest, &c., were \$222,634; in 1904, \$276,456; dividends in 1905 (8%), \$150,776; surplus for year, \$71,858.

**DIVS.**—'94. '95. '96. '97. '98. '99. '00. '01. '02. '03. '04. '05. 1906. New pref. % 3 1/2 4 1/2 3 1/2 4 4 1/2 5 5 1/2 7 8 1/2 8 1/2 8 J'ne, 4  
In 1903 and 1904, June, 3 1/2 %, incl. 1 % extra; Dec. 31, 5 %, incl. 2 1/2 % extra. In 1905, June, 3 1/2 %, incl. 1 % extra; Dec., 4 1/2 %, incl. 2 % extra. In 1906, June, 4 %, incl. 1 1/2 % extra. Office, 1 B'way, N. Y.—(V. 78, p. 586, 819; V. 80, p. 654; V. 82, p. 337.)

**MASSACHUSETTS GAS COMPANIES.—ORGANIZATION.**—A voluntary association formed in Oct. 1902 as successor of the New England Gas & Coke Co., reorganized without foreclosure per plan in V. 74, p. 1311. Operates 400 by-product coke ovens at Everett, Mass.; 200 additional ovens were to be completed by 1905. (V. 70, p. 483; V. 77, p. 199.) The gas there produced (over 8,000,000 cubic feet daily) is enriched and distributed for consumption in Boston, through the Boston Consol. Gas Co., which was formed in June 1905 by consolidation of the Boston, Brookline, Dorchester, Jamaica Plains, South Boston and Roxbury gas-light companies and the Bay State Gas Co. of Mass. and the Mass. Pipe Line Co. The Mass. Gas Cos. owns \$15,110,600 of the \$15,124,600 capital stock of the Consolidated Co. (no bonds issued); also the \$17,469,800 capital stock of the reorganized New England Gas & Coke Co. In June 1906 the Citizens' Gas Light Co. of Quincy, Mass., was acquired. V. 82, p. 1443. Sliding-scale gas law to continue 10 years from July 1 1906. See V. 82, p. 1270.

**DIVIDENDS.**—On pref. in 1903 to June 1906, 4% yearly (J. & D.). In June 1906, \$750,000 (3%) was set aside for dividends on common stock from accumulated earnings, 1% being declared payable Aug. 1 1906. V. 82, p. 1443.

**CONTRACT.**—Contract with the Dominion Coal Co., V. 75, p. 1257.

**REPORT.**—Report for year ending June 30 1906, with bal. sheet (also earnings and bal. sheets of constituent cos.), was in "Chronicle" Oct., showing: Divs. and int. received, \$1,855,964; divs. on pref. stock (4%), \$1,000,000; int. and exp., \$100,307; bal., sur., \$755,657; total undivided earnings of all constituent companies, \$66,272.

**OFFICERS.**—Pres., C. Minot Weld; Treas., Wallace S. Draper; Sec., F. Tudor. Office, Old South Bldg., Boston. Old Colony Trust Co., transfer agent. Mass. Trust Co., registrar.

**TRUSTEES.**—Charles Francis Adams 2d, Walter Cabot Baylles, Samuel Carr, Robert Clarence Pruyn, Joseph Ballister Russell, Frederick Elmer Snow, Chas. Augustus Stone, Albert Strauss, Christopher Minot Weld, Robert Winsor.—(V. 82, p. 51, 1272, 1382, 1443; V. 83, p. 99, 628, 690, 894.)

**MERGENTHALER LINOTYPE.**—Listed in 1898. Report for 1904-05, V. 81, p. 1490. In 1905-6 total net profits, \$2,733,752; divs. (15%), about \$1,650,000. Statement as to rival companies, V. 67, p. 371.

The stockholders voted Feb. 20 1905 to increase the stock from \$10,000,000 to \$15,000,000; of the new stock \$1,000,000 was subscribed for in May 1905 by stockholders at par. V. 80, p. 654, 1733.

**DIVS.**—'95 '96 '97 '98 to '00 '01 '02 '03 '04 '05 1906  
Per cent..... 10 1/2 16 16 1/2 20 y'rly. 13 1/2 15 15 15 \*15 Incl. Sep. 7 1/2  
\* 2 1/2 % quar. (Q.-M.) and in Dec., 5 % extra.—(V. 81, p. 1490.)

**MEXICAN TELEGRAPH.**—Company organized in 1878 under laws of N. Y. State. Has a cable from Galveston to Tampico and Vera Cruz, 738 m.; land line, Vera Cruz to Mexico City, 267 m. Also direct cable from Galveston, Tex., to Coatzacoalcos, Mex., 825 m., duplicating the Mex. Tel. and Cent. & So. Am. Co.'s Gulf cable system, and a third cable completed July 1905. Owns 2,125 shares of the Cent. & So. Am. & Teleg. Co. which see.

MISCELLANEOUS.	Date of Bonds	Size, or Par Value.	Amount Outstanding	INTEREST OR DIVIDENDS.			Bonds—Princ- pal, When Due.	Stocks—Last Dividend.
				Rate %	When Payable.	Where Payable, and by Whom.		
Mergenthaler Linotype—Stock authorized \$15,000,000-----	-----	\$100	\$10,996,500	15	In '05	Q—M	Tribune Building, N Y	Sept 29 '06, 2 1/2 %
Mexican Telegraph—Stock, \$3,000,000-----	-----	100	3,000,000	10		Q—J	Office, 66 B'way, N Y	Oct 13 '06, 2 1/2 %
Michigan State Telephone—Pref 6% (also as to assets) (text)	-----	100	2,285,000	6	In 1905	-----	Checks mailed	Nov 1 '06, 1 1/2 %
Michigan Telephone first mortgage gold-----	1897	1,000	285,000	-----	-----	-----	-----	1917
Michigan State Telephone 1st M \$10,000,000 gold-----OB.c*	1904	1,000	5,656,000	5	g	F & A	N W Harris & Co, NY & B	Feb 1 1924
Milwaukee Gas-Light—Stock \$1,500,000 authorized-----	-----	50	1,380,150	See text.	-----	Q—J	-----	Oct '06, 1 1/2 %
First mortgage gold \$10,000,000 redeemable at 110-----Ce	1902	1,000	7,300,000	4	g	M & N	J & W Sellman, N Y	May 1 1927
Minneapolis General Electric—Common stock \$1,500,000-----	-----	100	1,500,000	4	In 1906	F & A	-----	Aug 1906, 2 %
Preferred stock 6% cumulative-----	-----	100	1,000,000	6	In 1906	F & A	-----	Aug 1 1906, 3 %
First mortgage-----	1893	1,000	690,000	6		-----	Minnesota L & Tr Co, Min	-----
Consolidated mortgage \$8,000,000 gold subject to call at 110	1904	1,000	4,310,000	5	g	J & D	City Trust Co, Boston	Dec 1 1934
Mon River Coal & Coke—Pref 7% non-cum \$10,000,000	-----	50	10,000,000	See text.	-----	See text.	Checks mailed	Jan '06, 1.94 %
First mortgage \$10,000,000 gold slnk fund (see text) - UPI.c*	1899	1,000	8,931,000	6	A & O	-----	Union Trust Co, Plttsb'h	Oct 1 1949
Certificates of Indebtedness due \$200,000 yearly-----	1902	5,000	1,860,000	5		J & J	do do	July 1 1917
Montreal Light Heat & Power—Stock \$17,000,000-----	-----	100	17,000,000	See text.	-----	Q—F	Checks mailed	Aug 15 '06, 1 1/2 %
Flrst & coll trust M \$7,500,000 gold red 105 beg 1912-----c*	1902	1,000	4,633,000	4 1/2	g	J & J	Company's off, Bank of	Jan 1 1932
Lachline M \$4,000,000 gold s f red 105 after 10 years-----c*	1903	1,000	3,407,000	5	g	A & O	{Montreal or N Y Agcy}	April 1 1933
Mt Vernon-Woodberry Cotton Duck Co—See Consol Cotton Duck Corp.	-----	-----	-----	-----	-----	-----	-----	-----
National Biscuit—Common stock \$30,000,000-----	-----	100	29,236,000	See text.	-----	Q—J 15	Chicago and New York	Oct 15 '06, 1 %
Preferred stock 7% cum \$25,000,000 (for bonds see text)	-----	100	24,804,500	7	In 1905	Q—F	do do	Aug 31 '06, 1 1/2 %
National Carbon—Common stock \$5,500,000-----	-----	100	5,500,000	See text.	-----	See text.	Checks mailed	Oct 15 '06, 1 %
Preferred stock 7% non cumulative \$4,500,000-----	-----	100	4,500,000	7	In 1905	Q—F 15	do do	Aug 15 '06, 1 1/2 %
National Enameling & Stamping—Common stock \$20,000,000	-----	100	15,591,800	See text.	-----	Q—J	Colonial Trust Co, N Y	July 1 '05, 1 1/2 %
Preferred stock (as to assets) 7% cumulative \$10,000,000-----	-----	100	8,546,600	7	In 1906	Q—J	do do	Oct 1 '06, 1 1/2 %
Flrst M gold \$250,000 payable yearly-----SSi	1901	1,000	1,250,000	5	g	M & S	St Louis Tr Co, St Louis	Sept 1 '07-'11

STOCK.—Stockholders voted May 8 1906 to increase the authorized stock from \$2,000,000 to \$3,000,000, the new stock being paid as a 50% div. on the outstanding stock. V. 82, p. 755, 1104, 1384.

DIVIDENDS.—In 1882 to 1886, incl., 8% yearly; from 1887 to Oct 1906, both incl., at rate of 10% per annum (2 1/2% Q.-J.); also June 1 1906, 50% in stock. V. 82, p. 1104, 1384.

EARNINGS.—For 6 months ending June 30 (partly estimated):

6 Months.	Gross.	Net.	Mex. Gov.	Dividends.	Bal., sur.
1906 (est.)-----	\$377,500	\$322,000	\$15,000	(5%) \$119,562	\$187,438
1905 (est.)-----	326,600	275,600	12,000	(5%) 95,630	167,970

REPORT.—Report for year ending Dec. 31 1905 was in V. 82, p. 1495, showing, gross earnings, \$670,142; net, \$555,694; Mex. Gov't share, \$24,000; improvements, \$11,676; divs., \$191,260; bal., sur., \$328,758. J. A. Scrymser, Pres., 66 Broadway, N. Y.—(V. 82, p. 1495, 1500.)

MICHIGAN STATE TELEPHONE CO.—ORGANIZATION.—Incorporated in Michigan on Jan. 30 1904, per plan V. 75, p. 33, 1034. A licensee of the Amer. Teleph. & Teleg. Co., though not controlled by that Co. Stations May 31 1906, 84,128; on Dec. 31 1905, 77,047.

STOCK.—Common stock authorized, \$6,000,000 (par, \$100); outstanding, \$3,500,000, held in voting trust to Mch. 1 1909, unless sooner terminated by voting trustees, viz., Norman W. Harris, Chicago; Fred'k A. Farrar, Boston; Wm. C. McMillan, Detroit; Allen B. Forbes, New York, and Isaac Sprague, Boston. Preferred (\$4,000,000 authorized) is subject to call at par on any Feb. 1. Dividends on pref., 1 1/2% quar. (Q.-F.), paid May 1 1904 to Nov 1 1906, both inclusive.

BONDS.—Of the bonds, \$4,181,000 was issued to satisfy obligations and for general corporate purposes, \$285,000 was reserved to retire underlying bonds and \$5,534,000 (of which \$1,475,000 issued) for 75% of cost of acquisitions, extensions, improvements, &c., under stringent provisions.

REPORT.—Report for year ending Dec. 31 1905 was in V. 82, p. 1378, showing: Gross earnings, \$2,293,552; net earnings, \$673,328; charges, &c. \$276,769; div. on pref. stock (6%), \$137,100; bal., sur., \$259,459.

OFFICERS.—Chairman of Board, N. W. Harris; Chairman Exec. Com., W. C. McMillan; President, W. A. Jackson; Secretary, W. I. Mizner; Treasurer, John T. Shaw. Office, 20 Clifford St., Detroit, Mich.—(V. 82, p. 1378, 1382, 1500; V. 83, p. 159.)

MILWAUKEE GAS LIGHT CO.—ORGANIZATION.—Incorporated in 1852. Has perpetual franchise, V. 74, p. 1199. On July 1 1904 the price of gas was reduced. V. 78, p. 2602. The American Light & Trac. Co. owns practically entire stock. Divs. not less than 6% yearly (J.&J.) paid for 45 years to July 1905 incl.; 1906, Jan., 2 1/2%; April, 1 1/2%; July, 1 1/2%; Oct., 1 1/2%.

Of the \$2,700,000 bonds remaining unissued, \$100,000 is reserved to take up \$80,000 Office Co. 5s, subject to call after 1905, and the remaining \$2,600,000 can only be issued at par for 80% of the actual cost of extensions and improvements. See V. 78, p. 481, 1199; V. 79, p. 631; V. 80, p. 602.

For 9 months ending Sept. 30 1906, net, \$687,041, against \$590,062 in 1905. Net earnings for calendar year 1905, \$856,183; interest charge is now \$296,000. In 1903, net, \$665,101.—(V. 80, p. 602, 1056.)

MINNEAPOLIS GENERAL ELECTRIC CO.—ORGANIZATION.—Incorporated in N. J. Jan. 9 1899. V. 68, p. 824; V. 77, p. 773. Stone & Webster of Boston are the General Managers of the property.

DIVIDENDS.—On pref. from organization to Aug. 1906, 6% yearly (F. & A.). On common, in 1906, 4%.

BONDS.—Of the 5s of 1906 (\$8,000,000 authorized) \$4,310,000 have been sold to retire \$1,285,000 bonds called for payment and to develop the water power at Taylor's Falls, \$690,000 are reserved to retire the 6s due Jan. 1 1908, and \$3,000,000 are reserved for 80% of cash expenditures to be made, as required. Sinking fund 1% of outstanding bonds. The City Trust Co. of Boston is mtge. trustee. V. 80, p. 223.

EARNINGS.—Year ending Dec. 31 1905, gross, \$724,582; net, \$340,781. Pres., Henry G. Bradlee; Treas., A. S. Pratt; Sec., H. R. Hayes. Executive office, 84 State St., Boston.—(V. 82, p. 100, 573.)

MONONGAHELA RIVER CONSOLIDATED COAL & COKE CO.—("River Coal Consolidation.")—Incorporated in Pa. In June 1899 to consolidate coal interests along the Monongahela River, and coal traffic to New Orleans, &c., including 200 steamers and 4,000 coal boats and barges and coal elevators, &c. Owns between 36,000 and 37,000 acres of coal, exclusive of surface. See constituent concerns, V. 69, p. 1065; V. 72, p. 876, 939; V. 74, p. 99; V. 76, p. 264; V. 78, p. 1278.

In Sept. 1903 the Pitts. Coal Co. purchased \$15,000,000 of the \$20,000,000 com. and \$2,500,000 of the \$10,000,000 pref. stock at \$15 and \$45 per \$50 share respectively. Operated separately. V. 77, p. 630, 774, 1297, 1759.

DIVIDENDS on pref., 7% yearly, July 1000 to Jan. 1904 (J.&J.); in July 1904 the div. was passed; 1905, Jan., 1.54%; 1906, Jan., 1.94% (97c. per share), payable from earnings of fiscal year 1904-05. V. 82, p. 164. A s. f. of 5c. per ton of 1 1/2-inch coal mined and shipped will retire bonds annually about Dec. 1 if purchasable in the open market at a reasonable price; to Nov. 1 1905 \$1,069,000 were canceled.

REPORT for year ending Oct. 31 1905, with bal. sheet, was in V. 82, p. 158, showing profits over charges and divs. on pref. (\$194,000) of \$476; total sur. Oct. 31 1905 \$1,804,086. Pres., F. L. Robbins; Treas., W. Hamilton Brunt, Pittsburgh, Pa.—(V. 82, p. 158, 164.)

MONTREAL LIGHT HEAT & POWER CO.—ORGANIZATION.—Incorporated by special Act of Quebec Legislature March 28 1901. Controls the gas, electric light and power business of Montreal and suburbs; also two hydraulic stations for generation of electricity, in operation in the fall of 1903, to have a capacity of 28,000 horse power, viz.: one hydraulic plant, Lachline, Que., and one at Chambly, Que. Controls output for Island of Montreal of Shawinigan Water Power Co.; also the output of the Provincial Light, Heat & Power Co., which is building a 15,000 horse-power plant on the Soulanges Canal to develop the surplus waters thereof. V. 83, p. 216. Properties owned, see V. 74, p. 580; V. 75, p. 238; V. 76, p. 923; V. 80, p. 2456. Divs. on stock, 4% yearly to May 1906; in Aug. 1906, 1 1/2% V. 83, p. 99.

BONDS.—Royal Trust Co. of Montreal is trustee of both mtges., interest being payable in Montreal at Bank of Montreal or in N. Y.

Of the 4 1/2s of 1902 \$1,013,000 are reserved to retire an equal amount of underlying bonds and \$1,854,000 for improvements. The unissued Lachline bonds are reserved, viz., to pay for balance of sub company stocks, \$7,000, and to retire sub-company bonds, \$279,000. List of underlying bonds and description of mtges., V. 71, p. 589; V. 75, p. 238; V. 76, p. 923.

REPORT.—Report for the year ending April 30 1906 was in V. 82, p. 1436.

Year.	Gross.	Net.	Interest.	Dividends.	Bal., sur.
1905-06-----	\$3,186,103	\$1,754,905	\$476,419	(4%) \$680,000	\$598,486
1904-05-----	2,901,265	1,599,143	470,351	(4%) 680,000	448,789

OFFICERS.—Pres., Herbert S. Holt; 1st V. P., W. McL. Walbank; 2d V. P., Rudolph Forest; Sec. Treas., J. S. Norris. Directors, V. 74, p. 580.—(V. 83, p. 99.)

MT. VERNON-WOOD C D. CO.—See Consol. Cotton Duck Corp.

NATIONAL ASPHALT CO.—See General Asphalt Co.

NATIONAL BISCUIT.—A consolidation under laws of N. J. in 1898.—V. 66, p. 288, 901; V. 71, p. 545; V. 77, p. 92; V. 80, p. 870; V. 82, p. 388.

DIVIDENDS.—On pref., in 1898, 5 1/2%; 1899, to Aug 1906, 7% (1 1/2 Q-F). On com., Jan. 1899 to Oct 1906, inclusive, 4% (1% Q-J) and in April 1906 1% extra.

BONDS.—These include N. Y. Biscuit first 6s (M & S.), due March 1911, \$516,469; Am. Biscuit & Man. 1st 6s (F & A.), due Aug. 1910 \$545,000, and \$21,000 5s due \$5,000 yearly in October. V. 67, p. 274.

ANNUAL REPORT.—Report for year ending Jan. 31 1906 was in V. 82, p. 388, showing: Sales for year, \$39,702,566; net profit, \$3,822,338; dividends, 7% on pref. and 4% on com., \$2,905,755; bal., sur., \$916,583.

DIRECTORS.—A. W. Green (Pres.), John D. Richardson (1st V. P.), F. M. Peters (2nd V. P.), D. F. Brenner, B. F. Crawford, J. H. Douglas, L. D. Dozler, H. J. Evans, F. L. Hine, F. O. Lowden, S. S. Marvin, T. S. Ollive, N. B. Ream, H. F. Vorles, J. B. Vredenburg, H. M. Hanna and S. A. Sears. Sec. and Treas. is F. E. Bugbee; Asst. Treas., J. U. Hignbotham. Office, 10th Ave. and 15th St., New York.—(V. 82, p. 395.)

NATIONAL CARBON CO.—ORGANIZATION.—Incorporated in New Jersey on Jan. 16 1899. V. 68, p. 85, 130. Dividends on pref. 1899, 3 1/2%; 1900, to Aug. 1906, 1 1/4% quar. Dividend on common, 1905, 3% (J. & J.); 1906, Jan., 2%; April, 1%; October, 1%. Report for year ending Jan. 31 1906 with balance sheet, in V. 82, p. 508, showed: Net earnings, \$890,764; dividends (7%) on preferred, \$315,000; dividend (3 1/2%) on common, \$192,500; depreciation, &c., \$353,513; bal., sur., \$29,751. Pres., James Parmelee; Treas., H. E. Hackenberg; Sec., J. S. Crider. Main office, Cleveland.—(V. 82, p. 508, 1325, 1500.)

NATIONAL ENAMELING & STAMPING CO.—ORGANIZATION.—Incorporated in New Jersey on January 21 1899. See prospectus in V. 68, p. 187, and official statement in V. 76, p. 1405; V. 77, p. 403; V. 82, p. 755. Div. on preferred, 1899 to Oct. 1906, 7% yearly (Q.-J.); 7% declared, paid 1 1/4% each, Oct. 1906, Jan., Apr. and July 1907. On com., 1902 to Oct. 1906, 4% yearly; 1907, Jan., Apr. and July, 1/2% each; none since to Oct 1906. V. 81, p. 617. Decision July 1905. V. 81, p. 215; V. 82, p. 755.

Report for year ending June 30 1906 was in V. 83, p. 433, showing: net, \$870,973; dividends on pref. (7%), \$598,262; surplus, \$272,711; total surplus, \$858,049; and \$1,000,000 general reserve account. Pres., Fred'k G. Niedringhaus; Sec., Wm. H. Matthal; Treas., A. M. Steinhardt. N. Y. office, 83 Fulton St.—(V. 81, p. 215, 612, 617; V. 82, p. 755; V. 83, p. 38 433.)

NATIONAL FIREPROOFING CO.—Incorporated in 1889; name changed in 1899 from Pittsburg Terra Cotta Lumber Co. Controls 29 plants adjacent to various cities between Boston and Chicago, over 4,000 acres of coal and clay lands, patent rights, etc. Manufactures porous terra cotta, fireproofing, hollow tile, building blocks, etc. Properties owned, see V. 72, p. 296, 1191; V. 76, p. 651.

BONDS.—Stockholders April 5 1905 authorized an issue of \$2,500,000 5% bonds, maturing \$250,000 yearly, but subject to call at any interest period. Of the bonds \$2,000,000 have been sold, balance to be held for future use. The cash and quick assets, until payment of the bonds, over all other liabilities, shall never be less than \$2,000,000. V. 82, p. 1104. Mortgages, \$121,169.

DIVIDENDS.—On preferred, Oct. 1900 to July 1905 both inclusive, 7% yearly (paid Q.-J.); Oct. 1906, 1%. V. 83, p. 754, 821. On common, May 1901 to 1902, 5% yearly; in 1903, 4 1/2%; none since to Oct. 1906. V. 77, p. 2038.

REPORT.—Report for year ending Dec. 31 1905, in V. 82, p. 866, showed: Net earnings, \$5472,053; loss in venture in reinforced concrete construction, \$158,105; reserve, \$100,000; dividends (5 1/4% on pref.), \$417,593; balance, def., \$203,592.

DIRECTORS.—D. F. Henry (Chairman), W. D. Henry (Pres.), R. W. Allison, Henry M. Keasbey and E. V. Johnson (Vice-Presidents), John R. Gregg, Fred. Gwinner Jr., W. A. Dinker, Theo. F. Straub, James J. Booth, J. R. Gregg, T. Hart Given, Hay Walker Jr., W. A. Stone and J. B. Finley. Treas. is Wm. H. Graham and C. G. Jones, Secretary.—(V. 82, p. 1104; V. 83, p. 754, 821.)

NATIONAL GLASS CO.—ORGANIZATION.—Incorporated in Pennsylvania on July 5 1899, as a consolidation of tableware manufacturing interests. V. 69, p. 61, 1015; V. 78, p. 587. In 1899 capacity, 678 pots. In 1904 the several properties were leased to various parties. V. 78, p. 587; V. 79, p. 736. Independents, capacity 280 pots. V. 69, p. 1015.

STOCK.—In 1903 \$1,650,000 pref. stock was subscribed for at par, \$875,000 being paid in cash and the balance by surrender of \$775,000 of old (common) stock. V. 75, p. 1357; V. 76, p. 438. Dividends on pref. Jan. to Oct 1906, both incl., 1 1/4% quar.

BONDS.—First mtge bonds of 1899 are payable \$200,000 yearly Nov. 1, in numerical order beginning with number one, at Pittsburgh. Of the general mtge. bonds sufficient are reserved to replace the first mtge. bonds. V. 73, p. 239, 348, 618; V. 75, p. 1357. Balance sheet Feb. 1 1906, V. 82, p. 456.

OFFICERS.—Pres., Andrew W. Herron; Sec. and Chairman of Executive Committee, Addison Thompson; Treas., C. H. Mitchell. Office, Pittsburgh, Pa.—(V. 79, p. 736; V. 82, p. 100, 456; V. 82, p. 933.)

NATIONAL LEAD COMPANY.—ORGANIZATION.—Organized under the laws of New Jersey on Dec. 7 1891. It controls extensive plants in different States for manufacture of white lead and other products. Early in 1905 merger of the United Lead Co. was arranged. See stocks below. St. Louis Smelting & Refining Co., whose stock is owned, authorized in 1900 \$1,000,000 5% bonds, due June 1 1920, but subject to call in 1905; int. payable J. & D.; Merc Trust Co., N. Y., trustee. V. 72, p. 390. The United Lead Co. had an authorized issue of \$12,000,000 thirty-year 5% gold debentures, maturing July 1 1943, int., J. & J., at Morton Trust Co., N. Y., trustee, amount issued unknown, and \$271,000 Chadwick-Boston Lead 1st gold 5s due April 1 1921 as the only underlying bonds.

STOCK.—The preferred stock is entitled to 7% per annum cumulative, and subject to call at par from Jan. 1 1910. See editorial of May 1893 "Supplement," and V. 60, p. 340.

The stockholders voted on June 26 1905 to increase the common and preferred stocks from \$15,000,000 to \$25,000,000 each, to provide for acquisitions and working capital. In 1906 \$2,713,600 preferred and \$5,750,000 common stock were issued to acquire new properties, presumably including United Lead, V. 81, p. 1853; V. 82, p. 865.

DIVS.—'92, '93, '94, '95, '96, '97, 1898 to '00, 1901 to '05, 1906. Common—% 0 2 3 1 0 0 1 % yearly 0 Below Preferred were 7% yearly (1 1/4 Q-M) to Sept 1906, inclusive. Dividends were resumed on common in July 1906 1% (quarterly) being paid; Oct., 1%.

Table with columns: MISCELLANEOUS, Date of Bonds, Size, or Par Value, Amount Outstanding, INTEREST OR DIVIDENDS (Rate %, When Payable, Where Payable, and by Whom), Bonds—Principal, When Due, Stocks—Last Dividend.

ANNUAL REPORT.—The annual report for 1905 in V. 82, p. 865, showed: Net earnings, \$2,082,632; dividends on preferred, \$1,043,280; balance for year, surplus, \$1,039,352. In 1904 net \$1,595,693. DIRECTORS.—L. A. Cole (Pres.), F. W. Rockwell and R. P. Rowe (Vice-Presidents), W. W. Lawrence (Treas.), E. F. Beale, G. O. Carpenter, R. R. Colgate, E. C. Goshorn, A. P. Thompson, Walter Tufts, C. F. Wells, Daniel Guggenheim, Murray Guggenheim and Edward Brush. Sec. is Charles Davison. N. Y. office, No. 100 William St.—(V. 82, p. 1159.) NATIONAL RICE MILLING.—See full statement V. 55, p. 49; V. 71, p. 1123, 1223; V. 72, p. 94, 135; V. 73, p. 1163; V. 81, p. 666; V. 83, p. 433. NATIONAL SALT CO.—See International Salt Co.

NATIONAL SUGAR REFINING OF NEW JERSEY.—Incorporated in New Jersey on June 2 1900, and took over the New York Sugar Refining Co.'s (Docher) refinery, Long Island City, the Mollenhauer refinery Brooklyn, N. Y., and the National refinery, Yonkers, N. Y. The capacity of the new company is 10,000 barrels daily. V. 70, p. 1098; V. 71, p. 31; V. 77, p. 1877. Div. on pref., 1 1/2% (Q.-J.), paid Oct. 1900 to Oct. 1906, inclusive. Non bonds. Pres., James H. Post. New directors Jan. 1906, V. 82, p. 104.—(V. 82, p. 104.) NEWARK CONSOLIDATED GAS.—See "Street Railway" Section.

NEW CENTRAL COAL (MD.).—Owns coal lands in Allegheny County, Maryland. Tons mined in 1898, 203,677; 206,262 in 1897, 188,453 in 1896, 201,826 in 1895, and 151,002 tons in 1894; net profits, in 1898, \$37,397; in 1897, \$32,006; in 1896, \$23,018. N. Y. office, 1 Broadway. In 1898 reduced the stock from \$5,000,000 to \$1,000,000 and shares from \$100 to \$20. V. 66, p. 901, 1140; V. 64, p. 515. DIVS.—'88 '89 '90 '91-'94 '95-'97 '98 '99 '00 '01 '02 '03 '04 '05 1906 Since '87 % 1 0 0 1 0 2 4 2 0 0 4 2 4 4 The dividend was passed Sept. 1904. (V. 79, p. 1333.) NEW ENGLAND COTTON YARN.—A consolidation of 9 yarn mills of New Bedford, Fall River and Taunton. V. 69, p. 28, 81, 181; V. 70, p. 587, 1294. Total, 531,000 spindles. V. 71, p. 345; V. 73, p. 443; V. 81, p. 617, 1608. Incorpor. in Mass. Nov. 27 1903 as successor, per plan V. 77, p. 40, 149, 206, of New Jersey Co. of same name; V. 77, p. 2161. SECURITIES.—Stock authorized, common, \$3,900,000; pref. (as to assets and accrued div. and subject to redemption at \$140 per share and accrued dividends), 6% non-cum., \$2,000,000. Div. on pref. stock, Nov. 1905 to Aug. 1906, inclusive, 1 1/2% quar. (Q.-F.). As to sinking fund for bonds, see V. 77 p. 2161.

REPORT.—Report for year ending Sept. 30 1905, in V. 81, p. 1608, showing: Profits, (about) \$510,000; charges, \$280,000; bal., sur., \$230,000; pref. div. paid Nov. 1 1905 (1 1/2%), \$30,000; sink. fund, \$58,000; bal., sur., \$142,000. Pres., C. Minot Weld. Office, New Bedford, Mass.—(V. 81, p. 1608.) NEW ENGLAND TELEPHONE & TELEGRAPH.—This company does a telephone business in Maine, New Hampshire, Vermont and Massachusetts under license from The American Bell Telephone Co. On January 1 1906 it had 173,726 stations in all, against 139,829 in 1905. Of stock, \$16,183,900 is owned by American Telephone & Telegraph (Bell) Co. V. 70, p. 40. Stockholders voted May 7 1906 to increase the authorized stock to \$50,000,000; of the new stock, stockholders subscribed for \$3,065,500 at par, payable one-half Aug. 20 1906 and one-half Feb. 20 1907, raising the amount outstanding to \$31,724,500. The debentures are to be secured by any mortgage placed. DIVIDENDS.—1886-93 '94. '95. '96. '97. 1898 to Aug 1906, Per cent 3 1/2 yearly. 4 1/2 5 1/2 6 yearly (1 1/2 Q.-F) ANNUAL REPORT.—Fiscal year ends Dec. 31. Report for 1905 was in V. 82, p. 1376, showing gross earnings \$8,071,244; net over interest, maintenance, taxes, etc., \$1,624,122; dividends (6%), \$1,458,648; balance, surplus for year, \$165,474.—Office, 125 Milk St., Boston.—(V. 82, p. 1376.) NEW YORK AIR BRAKE.—Incorporated under laws of New Jersey. Works at Watertown, N. Y.; capacity, 500 sets of car brakes a day. In April 1902, Russian plant was placed in operation. V. 74, p. 887. In 1905 control of the U. S. Light & Heating Co. was acquired. V. 81, p. 671. In 1896 dividend 6%; in 1897 and 1898 none; Oct. 1899 to Oct. 1906, inclusive, 2% quar. (8% per ann.) Litigation, V. 79, p. 217; V. 80, p. 2462. DIRECTORS.—Pres., C. A. Starbuck, 66 Broadway; Vice-Pres., Daniel Magone; Sec. and Treas., John C. Thompson; Asst. Treas., C. H. Chaffee, Fred. Flower, H. A. Rogers, J. C. Young, Anthony N. Brady, Thomas C. Purdy and George B. Massey.—(V. 81, p. 671.) NEW YORK DOCK CO.—ORGANIZATION.—Incorporated in N. Y. State on July 18 1901 as successor of the Brooklyn Wharf & Warehouse Co. foreclosed and reorganized per plan V. 72, p. 957. Possession taken Aug. 1 1901. V. 73, p. 239, 1355. Owns water frontage in Brooklyn "frontage of more than 2 1/2 miles," of which 157 feet leased. STOCK AND BONDS.—Com. stock, \$7,000,000, pref. 5% non-cumulative, \$10,000,000, all in shares of \$100 each. After 5% on both stocks the two stocks to share equally. Of the bonds, \$1,200,000 were in the treasury July 31 1906. DIVIDENDS.—On pref., 1%, 1902; 1903 to Oct. 1905, 2% yearly (A. & O.), and in Oct. 1905 1/2% extra; 1906, Apr., 1 1/2%; Oct., 2%. REPORT.—Report for year ending July 31 1906, with balance sheet, in V. 83, p. 816, showed: Gross earnings, \$2,130,980; net, \$1,231,384; interest on bonds, \$468,573; divs. (3%), \$300,000; depreciation charges, &c., \$102,043; renewal fund, \$150,000; bal., sur., \$210,768. OFFICERS.—Pres., David H. King Jr.; Vice-Pres., Columbus O'D. Iselin; Sec., Edwin Thorne; Treas., George E. Spencer. Office, 8 & 10 Bridge St. (Manhattan), N. Y.—(V. 83, p. 276, 628, 767, 816.) NEW YORK & EAST RIVER FERRY.—Owns the "Astoria" Ferry between Astoria, L. I., and foot of 92d St., New York, and has three ferry-boats. Capital stock, \$750,000; dividends are payable Q.-M. DIVIDENDS.—'95. '96. '97. '98. '99. '00. '01 to June 1905 (Q.-M.) Per cent 3 4 4 1/2 5 5 1/2 6 yearly (Q.-M.) Bonds, \$750,000 1st 30-year gold 5s due Nov. 1 1922, interest M.-N., at Kings Co. Trust Co. Directors—William A. Nash, Theo. F. Jackson, H. K. Knapp, E. Lehman and Roswell Eldridge.—(V. 71, p. 392.) NEW YORK & EAST RIVER GAS CO.—See CONSOLIDATED GAS CO. NEW YORK EDISON CO.—See CONSOLIDATED GAS. NEW YORK & HOBOKEN FERRY CO.—Incorporated Nov. 10 1898, V. 77, p. 454. In April 1903 Del. Lack. & West. RR. acquired entire \$3,300,000 stock. Dividends: 1899, 1%; 1900, 4%; 1901, 4 1/2%; 1902 5%; since, (?). Of the \$4,000,000 general 5s of 1898, \$700,000 were reserved for improvements; all are redeemable at 110.—(V. 82, p. 164.) N. Y. MUTUAL GAS LIGHT.—See CONSOLIDATED GAS.

NEW YORK MUTUAL TELEGRAPH.—Successor to the Mutual Union Telegraph Company. The stock carries dividends of 6% per annum under a lease for 99 years from February 15 1883 to Western Union Telegraph, which owns \$2,385,700 of \$2,500,000 stock; par \$25.

NEW YORK & NEW JERSEY TELEPHONE.—Operates telephone lines under perpetual license from the Bell Company in Staten Island, Long Island (including Brooklyn), in New Jersey in counties of Bergen, Essex, Hudson, Middlesex, Monmouth, Morris, Passaic, Somerset, Sussex and Union. Total stations on Jan. 1 1906 were 112,049 (of which 56,610 on Long Island, 80,324 in 1905, 66,564 in 1904 and 53,184 in 1903. Reduction in rates in 1906 in Metropolitan district, V. 82, p. 338, 1272. STOCK.—Stockholders voted Oct. 25 1905 to increase the authorized stock from \$15,000,000 to \$50,000,000. Of the new stock, \$3,442,525 was offered to stockholders at par, payable 25% Dec. 1 1905 and 25% each April 1, July 1 and Oct. 1 1906, or optionally all on Dec. 1 1905. V. 81, p. 1178, 1316, 1378. Stockholders were offered \$1,721,140 stock at par on or before July 31 payment to be made Aug. 1 1906. V. 82, p. 1443.

DIVIDENDS.—1892. 1893. 1894 to Oct 1906, Incl. Per cent 6 6 7% yearly (Incl., 1% ex. In Jan) EARNINGS.—Report for year ending Dec. 31 1905 was in V. 82, p. 1377, showing, gross, \$6,217,288; net, \$1,641,443; interest and taxes, \$195,427; dividends, \$1,034,150; balance, surplus, \$411,866. In 1904, gross, \$5,303,709. Office, 81 Willoughby St., Brooklyn, N. Y.—(V. 81, p. 1178, 1316, 1378; V. 82, p. 338, 456, 1377, 1443.) NEW YORK & QUEENS ELECTRIC LIGHT & POWER CO.—ORGANIZATION.—A consolidation. Incorpor. in July 1900. Supplies entire borough of Queens outside of Rockaway. See V. 72, p. 1039. N. Y. & Queens Gas Co. is controlled by same interests. V. 79, p. 2089, 2151. STOCK.—Stock, common and pref. 5% non-cum., \$1,250,000 each, all issued. Par of shares, \$100. Div. on pref., 2 1/2%, paid Dec. 1 1904. DIRECTORS.—Frank Tilford, H. E. Gawtry, Henry R. Wilson, James T. Pyle, Julian D. Fairchild, Abram M. Hyatt and L. B. Gawtry, of New York, and John Day Jackson, New Haven, Conn. Frank Tilford, Pres.; Henry R. Wilson, 1st Vice-Pres.; H. L. Snyder, Sec. and Treas. N. Y. office, 208 Fifth Ave.—(V. 79, p. 2089.) NEW YORK & RICHMOND GAS CO.—ORGANIZATION, ETC.—Incorporated in New York in 1901. See official statement V. 81, p. 667. Stock authorized, \$1,500,000; outstanding, \$1,225,000; par of shares \$100 each. Bonds, see table above. For 9 months ending Sept. 30 1905 earnings from operations, \$71,242; interest on bonds, \$38,850; bal., sur., \$32,392. Pres., Robert L. Forrest; Vice-Pres. and Treas., Chas. B. Van Nostrand, 36 Wall St., N. Y.—(V. 81, p. 1726; V. 82, p. 933.) N. Y. SUBURBAN GAS.—See Consol. Gas Co. (N. Y. & Westchester Ltg)

NEW YORK TELEPHONE.—In 1896 this company took over the business of the Metropolitan T. & T. Co., with exclusive rights under a perpetual license from the American Bell Telephone Co., to the telephon business in city of New York and suburbs. V. 63, p. 229. Telephone in service May 1 1906, 256,962. V. 82, p. 1377. Controls Empire City Subway Co., V. 76, p. 50. Reduction in rates July 1 1906, V. 82, p. 1272. Stock was increased Dec. 1902 to \$50,000,000 (par \$100); of which American Telephone & Telegraph Co. on Jan. 1 1906 owned \$32,215,700 and Western Union Telegraph Co. on July 1 1906 \$9,733,100, V. 71, p. 139, 290. Reduction in rates, V. 82, p. 338. Report of committee of Merchants' Association, Aug. 1905, V. 81, p. 780. Dividends paid in 1899 and 1900, 6% yearly. Office, 15 Dey St., N. Y.—(V. 82, p. 1377.) NEW YORK TRANSPORTATION CO.—ORGANIZATION.—Incorporated in New Jersey on Feb. 21 1899, and operates under license from the Electric Vehicle Co. Name changed as above Jan. 1902. Stock authorized \$5,000,000; par, \$20, as reduced in Jan. 1902; outstanding, \$4,700,000. V. 74, p. 99, 215. Owns entire capital stocks of Fifth Avenue Coach, Metropolitan (leased in 1904 to Am. Express Co. for 16 years) and Park Carriage companies. In June 1901 purchased Newport (R. I.) plant. V. 72, p. 1139, 1191; V. 73, p. 35. V. 70, p. 844; V. 71, p. 290; V. 73, p. 35. Official statement, May 1905, V. 80, p. 2224; V. 79, p. 2591. At end of 1905 had over 700 vehicles in service. Statement for year 1899, with balance sheet, was in V. 70, p. 840. Pres., Richard W. Meade; Sec. and Treas. Wm. H. Palmer, Jr. Office, 851 Eighth Ave., N. Y.—(V. 80, p. 2224.) NIAGARA FALLS POWER COMPANY (THE)—ORGANIZATION.—Incorporated 1886 and has authority by special Acts of New York State to use the water of Niagara River and also to transmit any power, heat or light developed from such water to practically any point in New York State. It has 1 071 acres of land devoted to sites for manufacturers using its power. Tunnel first opened January 1 1894. Completion of installation of powerhouse No. 2 increased in 1904 the company's capacity to 105,000 electrical h. p. and 8,000 hydraulic h. p. on the American side. A plant on the Canadian side of 110,000 h. p. is under construction; 50,000 h. p. has been installed and the wheel pit for balance constructed. V. 72, p. 939; V. 73, p. 35. Customers, 1904, V. 78, p. 1910. Controls Niagara Junction Ry., which sec. Act of Congress June 1906, V. 83, p. 159. STOCK.—Stock authorized by stockholders, \$10,500,000. Issued, \$4,180,700, \$6,000,000 being reserved for conversion of debentures. BONDS.—The 1st mtg. of 1891, \$10,000,000, covers 1,071 acres in city of Niagara Falls, tunnels, franchises, &c.; also majority of stock of the Cataract Power & Conduit Co., Buffalo, and the Tonawanda Power Co., North Tonawanda, N. Y. Coupon mtg. bonds are \$1,000 each; int. J. & J.; registered, \$500 or multiples of \$500; int. Q.-J. The \$3,000,000 debentures dated April 1 1900 are convertible into stock, \$ for \$, at holder's option on or before April 1 1908. The \$3,000,000 debentures of 1901, due Oct. 1 1911, are convertible at holder's option on or before Oct. 1 1908 into stock, \$ for \$. In Dec. 1904 \$2,000,000 non-conv. debens. were sold to complete Canadian plant. V. 73, p. 35. See V. 70, p. 689. REPORT.—For year ending June 30 1906, gross, \$1,269,564; net, \$1,015,931; other income, \$380,367; charges, taxes, &c., \$1,081,479; improvements, \$23,907; balance, surplus, \$290,931. Pres., D. O. Mills; V.-P., Edward A. Wickes; Sec., Frederick L. Lovelace; Treas. and Asst. Sec. W. Paxton Little, N. Y. office, 15 Broad St.—(V. 78, p. 1910; V. 79, p. 1461; V. 83, p. 159.) NILES-BEMENT-POND CO.—ORGANIZATION.—Incorporated in N. Y. on Aug. 11 1899 as a consolidation. Does much of the heavy machine trade of the country; V. 69, p. 388. Owns entire common stock (\$1,525,000) of the Pratt & Whitney Co., guar. 6% on the latter's \$1,225,000 pref. stock (subject to call in 1911 at par) provided that the guarantor earns same on its own stock. V. 71, p. 139; V. 70, p. 1253; V. 72, p. 143. V. 78, p. 1113; V. 80, p. 1734. Also owns entire com. stock of Niles Tool Works, dividends of 6% yearly on \$1,000,000 having been paid regularly since 1890. In Sept. 1905 the entire common stock (\$400,000) of John Bertram & Sons Limited of Dundas, Ont., was acquired. V. 81, p. 977.

For explanation of column headings, &c. see notes on first page of tables.	Date of Bonds	Size, or Par Value.	Amount Outstanding	INTEREST OR DIVIDENDS.			Bonds—Principal, When Due. Stocks—Last Dividend.
				Rate %	When Payable.	Where Payable, and by Whom.	
N Y Mutual Gas Light—Stock (bonds, see Cons Gas)		\$100	\$3,500,000	7 in 1906	J & J	Checks mailed	July 10 '96 3 %
N Y Mutual Tel—Mut Un Tel 1st M g gu not drawn	Cc c 1881	1,000	5,000,000	6 g	M & N	N Y, West Union Tel	May 1 1911
New York & New Jersey Telephone—Stock, \$50,000,000		100	18,932,540	7 in 1906	Q—J	15 Bklyn, 81 Willoughby St	Oct 15 '06 1 1/2 %
M (now 1st) \$1,500,000 g s f \$20,000 yearly not drawn	Mp c 1890	1,000	1,250,000	5 g	M & N	Atlantic Tr Co, N Y	May 1 1920
New York & Queens El L & P—N Y & Q Gas & El gold		100	78,000	5 g	J & J		Jan 1 1949
1st mtge \$2,500,000 gold	Un 1900	1,000	2,272,000	5 g	F & A		Aug 1 1930
New York & Richmond Gas—1st mtge gold red 110	Ce c* 1901	1,000	1,225,000	5 g	M & N	Liberty Nat Bank, N Y	May 1 1921
Niagara Falls Power—Stock authorized \$10,500,000		100	4,180,700				
1st mortgage gold	Cc	500 &c	10,000,000	5 g	Various	Winslow, Lanier & Co, N Y	Jan 1 1932
Debentures gold convertible	C*	1,000	3,000,000	6 g	A & O	Metropolitan Tr Co, N Y	Apr 1 1910
do do	C*	1,000	3,000,000	6 g	A & O	Winslow, Lanier & Co, N Y	Oct 1 1911
do gold not convertible, redeemable begin Oct 1911	C*	1,000	2,000,000	6 g	M & N	do do	Nov 1 1914
Niles-Bement-Pond Co—Stock common \$5,000,000		100	5,000,000	6 in 1906	Q—M	Checks mailed	Sept 20 '06 1 1/2 %
Pref stock 6 % cum \$3,000,000, call in 1911 at 105		100	2,000,000	6 in 1906	Q—F	do	Aug 15 '06 1 1/2 %
Pratt & Whitney 6 % cum pref stock gu red (text)			1,225,000	6 in 1906	Q—F	do	Aug 15 '06 1 1/2 %
Niles Tool Works 6 % cum pref stock not guaranteed			1,000,000	6 in 1906	Q—M	do	Sept 30 '05 1 1/2 %
John Bertram & Sons 6 % cum pref stock not guaranteed		100	200,000	See text.	Q—F	do	Aug 1 '06 1 1/2 %
North American—Stock \$30,000,000		100	30,000,000	5 in 1906	Q—M	30 Broad Street N Y	Sept 1 '06 1 1/2 %
Northwestern Gas-Light & Coke—Consol (now 1st) M gold	1895	1,000	250,000	6 g	Q—J	Equit Trust Co, Chicago	Jan 1 1915
Mortgage \$2,000,000 gold	EC 1898	500	1,202,000	5 g	Q—M	do do	Dec 1 1928
Cicero Gas first mortgage	MC 1892	1,000	500,000	6 g	Q—J	Merch L & Tr, Chicago	July 1 1922
do Gen & ref M \$5,000,000 g gu prin & int	EC c* 1902	1,000	1,770,000	5 g	J & J	Equit Trust Co, Chicago	July 1 1932
Northwestern Telegraph—First mortgage gold gu p & l	B 1904	500	1,500,000	4 1/2 g	J & J	West Un Teleg Co, N Y	Jan 1 1934
Ontario Power—1st M \$12,000,000 auth g s f red (text)	C 1903	1,000	3,823,000	5 g	F & A	Can NB of Com, Tor or NY	Feb 1 1945
Ontario Transmision 1st M gu p & l red 110 to May 1916	1905	1,000	853,000	5 g	M & N	do do	May 1 1945

STOCK.—Common, \$5,000,000; pref., 6 % cum. (subject to call in 1911 at 105), \$3,000,000, of the latter \$1,000,000 being unissued.

DIVIDENDS—Nov. '99. '00. '01. '02. '03. '04. '05. 1906.  
Common, per cent. 3 6 8 8 7 6 Incl. Sep, 4 1/2  
Preferred, per cent. 6 % yearly, 1 1/2 (Q.-Feb.)

Bal. sheet Dec. 1905, V. 83, p. 153. Pres., R. C. McKinney; Treas., Chas. L. Cornell; Sec., E. M. C. Davis, 111 Broadway, N. Y.—(V. 81, p. 977; V. 82, p. 338; V. 83, p. 153.)

NORTH AMERICAN CO.—Organized in 1890 under laws of New Jersey and controls the Milwaukee (Wis.) Elec. Ry. & Lt. Co. (see "Street Ry." section), and the Detroit (Mich.) Edison Co. (V. 81, p. 33); also the illuminating, power and trolley companies of St. Louis, Mo., as follows: Union Elec. Lt. & Power Co. (V. 79, p. 2751; V. 77, p. 40; V. 82, p. 104), Laclede Gas Lt. Co. (V. 78, p. 1273, 1278), and United Ry. (see "Street Ry." sec.).

STOCK.—In 1901 decreased from \$40,000,000 to \$12,000,000 by the issue of one share for each 3 1-3 shares. V. 73, p. 30; V. 76, p. 106. In 1903 the stock was increased from \$12,000,000 to \$17,000,000 to pay for stock of the Laclede Gas Light Co. of St. Louis, &c., and in Mch. 1905 from \$17,000,000 to \$30,000,000 to acquire additional shares in those properties and a majority interest in the United Railways of St. Louis and for development of said properties. The West Kentucky Coal Co., with \$3,000,000 stock and an authorized issue of \$5,000,000 1st mtge. 25-year 5 % bonds, of which \$2,000,000 to be issued at present, will hold about 22,000 acres of coal lands acquired in May 1905. V. 81, p. 35, 563, 1178.

DIVIDENDS—1903. 1904 to Sept., 1906.  
Per cent. 4 5 (1 1/2 Q.-Mar.)

In 1906 5 % payable quarterly, beginning March 1.  
REPORT, &c.—Report for year ending Dec. 31 1905 at length in V. 82, p. 216, 223, showed: Total inc., \$1,378,612; rentals and gen. expenses, \$93,006; taxes, \$4,622; dividends (5%), \$1,252,996; bal., sur., \$27,988  
On Dec. 31 1905 owned: Stocks, \$29,916,745; bonds, \$541,333; and balance sheet showed loans payable, none; loans and accounts receivable, \$2,272,894; cash, \$1,090,212.

DIRECTORS.—Edward Q. Keasbey, John I. Beggs, C. W. Wetmore, S. W. Burt, Edwin M. Bulkley, Wm. Nelson Cromwell, G. R. Sheldon, Edmund C. Converse, Emerson D. Pray, Chas. F. Pfister, Randolph Rodman, F. S. Smithers, Adolphus Busch, Breckinridge Jones, Chas. H. Huttig, F. Vogel Jr., Charles A. Coffin, James Campbell; Pres., C. W. Wetmore; V.-P., Wm. F. White; Sec., Sillas W. Burt; Treas., Geo. R. Sheldon, 30 Broad St.—(V. 81, p. 1178; V. 82, p. 104, 216, 221, 284, 395, 1272.)

NORTHERN UNION GAS CO.—See Consol. Gas Co., N. Y. City.

NORTHWESTERN GAS LIGHT & COKE CO.—ORGANIZATION.—A consolidation in Sept. 1902. V. 75, p. 397, 665. Controlled by interests friendly to the People's Gas Light & Coke Co. of Chicago.  
Dividends April 1903 to April 1905, 1 % quarterly; since, (?) %.

Nelson A. McCleary, Pres.; T. M. Jackson, Treas. Office, Chicago (V. 75, p. 669.)

NORTHWESTERN TELEGRAPH.—Owns 10,000 miles of wire and is leased to Western Union for 99 years, which guarantees dividends at 6 % on \$2,500,000 stock (par \$50) and prin. and int. on \$1,500,000 bonds (see table above). Guaranty, V. 79, p. 216.

OGDEN GAS (CHICAGO).—"Supplement" of Jan. 1898.—V. 78, p. 461.

OHIO & INDIANA CONSOLIDATED NATURAL & ILLUMINATING GAS.—An amalgamation incorporated in N. J. on Dec. 29 1899, per plan V. 69, p. 1251. Stock \$10,000,000, of which \$1,000,000 to acquire new gas fields. See statement to N. Y. Stock Exchange, V. 70, p. 994. Dividends March 1900 to June 1902, 1 % quarterly; none since.

Underlying bonds, \$820,000 Ind. Nat. & Ill. Gas 6s (Int. M.-N.), due 1908; \$1,690,000 Logansport & Wabash 6s, J.-D., due 1925; \$1,940,000 Fort Wayne 6s, J.-D., due 1925; \$960,000 Lafayette 6s, M.-N., due 1924; \$1,940,000 Ohio & Indiana 6s, J.-D., due 1926.

Reorganization Committee.—A committee consisting of James N. Wallace, Anthony N. Brady and Chas. F. Dleterich (Central Trust Co., N. Y., depository) requests deposits of all the underlying bonds interest on which is in default. A plan of reorganization will be prepared. V. 81, p. 1046, 1496, 1796; V. 79, p. 2089; V. 82, p. 1104; V. 82, p. 51. In Feb. 1906 foreclosure suits were begun. V. 82, p. 456. On June 21 1906 Henry C. Paul of Fort Wayne was appointed receiver. V. 82, p. 1443, 1500.

Report for calendar year 1903 in V. 78, p. 227. In 1904 net deficit after interest on bonds and construction (\$46,234), \$38,900. Pres., Chas. F. Dleterich; Treas., A. B. Proal, 45 Broadway, N. Y.—(V. 82, p. 1500.)

OMAHA WATER CO.—ORGANIZATION.—Successor in 1896 of American Water-Works Co. of Illinois, per plan in V. 62, p. 1085. In 1903 the city of Omaha proposed to purchase property. V. 76, p. 1411; V. 83, p. 216.

Stock, common, \$2,500,000 not issued; outstanding, 1st pref., 5 % non-cum., \$750,000; 2d pref., 5 % non-cum., \$1,000,000. Par of shares, \$50. Preferred stocks are subject to call at par, dividends being paid at Farmers' Loan & Trust Co., N. Y. Decision, see V. 71, p. 915; V. 73, p. 1211; V. 82, p. 1443. Divs. paid on 1st pref., 5 % yearly to Aug. '05 incl.; no div. paid Feb. '06. On 2d pref., 1 % '99; 1900, 2%; '01, 2%; '02, 2%; '03, 2%.

Securities.	Par.	Interest.	Outstanding.	Last div., &c.
Common stock	\$50	None.		
1st pref., 5 %	50	F & A	\$606,100	Aug. 10 '05, 2 1/2
2d pref., 5 %	50	F & A	867,045	Aug. 10 '03, 1
Prior Hen gold 5s	1,000	5 J & J	1,093,000	July 1 1916
\$1,500,000		Subject to call at 105 %.		
Consolidated gold, \$6-	1,000	5 J & J	3,543,000	1946
000,000		Subject to call at 105 %.		

Pres., Theodore C. Woodbury, New York; Sec., Eben Stevens, New York; Treas., Stockton Beth, Omaha, Neb.—(V. 82, p. 1443; V. 83, p. 216.)

ONTARIO POWER CO.—ORGANIZATION.—Organized under special charter of Canadian Parliament and is developing power plant on Canadian side of Niagara Falls below the Horseshoe Falls to have ultimate capacity of about 250,000 h. p., of which 42,000 h. p. installed April 1906. The Niagara Lockport & Ontario Power Co., organized under New York law, has contract to buy 60,000 h. p. with privilege of taking 120,000 more for a period ending July 1 1950, with renewal rights for 60 years more. V. 81, p. 671, 1439; V. 82, p. 395; V. 83, p. 628.)

Stock, \$5,000,000 authorized.

BONDS.—The bonds (\$12,000,000 authorized issue) are limited to \$4,300,000 for the first 60,000 h. p. The Toronto General Trust Corporation is mortgage trustee. Sinking fund, \$1 per h. p. sold beginning July 1 1909. They are subject to call at 110 on or before Feb. 2 1915. V. 80, p. 1427; V. 82, p. 632. Ontario Transm. guar. bonds (\$2,000,000 authorized issue). V. 82, p. 395.

OFFICERS.—Pres., J. J. Albright; Sec. and Treas., R. C. Board, Office, Niagara Falls, South Ontario; branch, Fidelity Building, Buffalo, N. Y.—(V. 82, p. 395, 632.)

OTIS ELEVATOR CO.—Incorporated Nov. 28 1898 under the laws of New Jersey and took over about 13 plants comprising about 85 % of the business. See V. 71, p. 545; V. 74, p. 271; V. 75, p. 552; V. 83, p. 441. Injunction, V. 82, p. 1326. Stock, \$6,500,000 common; outstanding, \$6,375,300. Stockholders in Sept. 1906 subscribed for \$609,500 pref. stock, raising the amount outstanding to \$6,449,500, the proceeds to be used for working capital. V. 75, p. 345, 552; V. 83, p. 628.

Dividends on pref., July 15 1899 to Oct. 1906, both incl., 1 1/2 % quar. (6 % per annum). On common, 1903 to 1906, both incl., 2 % yearly (paid in April). Gold notes, \$400,000, due \$200,000 yearly Jan. 1 1907 and 1908.

REPORT for year ending Dec. 31 1905, with balance sheet, in V. 82, p. 690, showed net earnings over interest and renewals, \$912,938; div. on pref. (6%), \$339,697; div. on common (2%), \$127,006; charged off for depreciation, \$246,235; bal., surplus, added to working capital, \$200,000. Office, 17 Battery Place, N. Y.—(V. 82, p. 690, 1326; V. 83, p. 441, 628.)

PACIFIC COAST COMPANY.—This company controls the Pacific Coast Steamship Company (owning its entire capital stock) and operates five steamship lines running between San Francisco, Portland, Victoria, Sitka, Fort Bragg, San Diego, &c. Also owns all the securities of the Columbia & Puget Sound RR. (now standard gauge), Seattle to Franklin, &c., with sidings, 57 miles, and its New Castle mine; the Pacific Coast Ry. (narrow gauge), Port Harford, Cal., to Los Olivos, 80 miles. Operates Franklin Coal Co., owning Franklin mine, with 3,050 acres of coal lands at Franklin and 2,083 acres at New Castle; also Black Diamond (Wash.) Coal Mining Co. acquired in May 1904; South Prairie Coal Co. at Burnett, Wash., acquired Apr. 11 1906.

HISTORY.—Successor on Dec. 1 1897 to the Oregon Improvement Co., sold in foreclosure and reorganized per plan in V. 65, p. 412, 463.

DIVIDENDS—'98. '99. '00. '01. '02. '03. '04. 1905. 1906.  
Com., p. c.— 2 2 4 4 4 1/2 5 5 See below. 6  
1st pref., p. c.— 5 4 1-6 5 5 5 5 5 5  
2d pref., p. c.— 4 3 1-3 4 4 4 1/2 5 5 See below. 6

In 1905 on com. and 2d pref., Feb., 1 1/4 %; May, 1 1/4 %; Aug., 1 1/4 %; Nov., 1 1/4 %. After 4 % on 2d pref. and com., these stocks share equally.

REPORT.—Report for year ending June 30 1906 in "Chronicle" Oct. 20 showed gross of steamships and colliers, \$3,614,169; net, \$408,475; rail lines, gross, \$766,062; net, \$364,340; coal department, &c., gross, \$1,928,181; net, \$599,603. Total results were:

Gross earnings	\$6,308,413	Interest on bonds	\$240,767
Op. expenses and taxes	4,935,994	Depreciation, &c.	22,831
Net earnings	\$1,372,419	Div. on 1st pref. (5%)	76,250
Interest and discount	82,963	Div. on 2d pref. (6%)	240,000
		Div. on common (5%)	350,000

Total net income—\$1,455,382 Balance, surplus—\$455,534  
For year 1904-05, gross, \$6,199,276; net, \$1,333,116.

OFFICERS, &c.—Chairman of the Board and Pres., H. W. Cannon; V.-P., J. C. Ford; Treas., John Kean; V.-P., W. M. Barnum; Sec. and Asst. Treas., Clifford C. Fay. N. Y. Office, 10 Wall St.—(V. 83, p. 894.)

PACIFIC MAIL STEAMSHIP.—In Nov. 1900 the Southern Pacific Co. acquired \$10,005,000 of the stock (V. 71, p. 1015). The traffic agreement with the Panama RR. terminated July 12 1905. V. 74, p. 1255; V. 80, p. 874, 1916. Steamers owned April 30 1905, V. 79, p. 498; V. 80, p. 2341.

DIVIDENDS.—1896, 1 %; in '97, 2%; '98, 2 1/2 %; '99, 3 %; none since, surplus being invested in new vessels, &c. V. 70, p. 331.

REPORT.—Statement for 1905-06, V. 83, p. 890.

Year ending April 30.	1906.	1905.	1904.	1903.
Steamships	\$5,512,917	\$5,592,822	\$3,439,113	\$2,677,913
Subsides	15,180	15,180	15,180	14,510
Miscellaneous	196,240	167,781	147,473	135,083

Total earnings—\$5,724,337 \$5,775,783 \$3,601,766 \$2,827,506  
Net earnings—\$282,885 \$427,656 \$246,896 \$8,280

E. H. Harriman, Pres.; Alex. Millar, Sec., 120 B'way, N. Y.; (William Mahl, Comptroller; A. K. Van Deventer, Treas.—(V. 83, p. 890.)

PATERSON & PASSAIC GAS & ELECTRIC CO.—See "Street Ry." sec.

PENNSYLVANIA BEECH CREEK & EASTERN COAL CO.—ORGANIZATION.—Incorporated in Pennsylvania in 1906 with \$5,000,000 of authorized capital stock (of which \$1,200,000 is outstanding, par \$100). Has 999-year lease of Penn. Coal & Coke Co., Beech Creek Coal & Coke and allied properties, which will be developed and enlarged. See V. 83, p. 441. Controls about 113,500 acres of coal lands and surface, chiefly in Blair, Cambria, Clearfield and Indiana counties, Pa. (estimated to contain about 1,000,000,000 tons of coal), collieries, railroads, electric light companies, &c. Properties of Penn. Coal & Coke Co. include stocks of Webster Coal & Coke Co. (V. 72, p. 884; V. 77, p. 513.) Beech Creek Coal & Coke Co. (V. 72, p. 582; V. 78, p. 1910; V. 79, p. 1706), &c. See also V. 77, p. 2102; V. 79, p. 1335. Contracts for the transportation of coal: With N. Y. Cent., V. 77, p. 2098; V. 79, p. 1335, 1435; Pittsburgh Blughampton & Eastern RR., V. 83, p. 752.

Securities of Operating Cos.—Date, Interest, Outstanding, Last div., &c.

Penn. C. & C. Co., pref. 6 % non-cumulative			\$3,768,000	
Penn. C. & C. com. stock			3,894,000	
Webster C. & C. 1st con. M.				
\$3,000,000 gold (\$1,000 each)	1902	5g. M-S	3,000,000	March 1942
		g Sinking fund 2 1/2 % per ton, beginning 1907.		
Penn. C. & C. 1st M., Ser. A.	1902	5g. J-J	1,200,000	July 1 1932
g, red. 105, s.f., 3c. ton. Int. at Commercial Trust Co., Phila., trustee.				
Consol. 1st & col. trust M.				See table above.
Car trusts			432,000	
Chest Creek Land & Imp.	1898	4 A O	216,000	Oct. 1 1924
1st M.		K To be retired \$12,000 yearly.		
Beech Cr. C. & C. 1st M.	1904	5g. J D	2,784,000	June 1 1944
\$3,000,000 g, gu. p. & l. Interest at Knickerbocker Trust Co., New York, end., slnk. fd. red. beg. trustee. Sinking fund, 3c. per ton; mtul-1907 (\$1,000 each) cum., \$75,000 yearly.				

BONDS.—The slnk. fund 5s of 1906 (\$3,000,000 authorized issue) will mature Oct. 1 yearly beginning 1911. The \$1,200,000 first issue for working capital, additions and development work will mature: 1911 to 1920, \$50,000 yearly; 1921 to 1927, \$100,000 yearly. V. 83, p. 441. Probably \$800,000 additional will be sold shortly.

Of the Penn. Coal & Coke consol. 5s of 1903 (\$12,000,000 authorized), \$4,200,000 is reserved to retire the Webster Coal & Coke bonds and Penn. 1st 5s (V. 76, p. 51), \$475,000 for purchase money mortgages and car trusts and \$787,500 for improvements and future purposes. V. 77, p. 2102; V. 82, p. 284. Beech Creek guar. 5s, see V. 78, p. 1910; V. 79, p. 1706; V. 80, p. 1364. Scranton Trust Co. is trustee of consolidated mortgage.

EARNINGS.—Average yearly net earnings for 4 years 1902 to 1905

MISCELLANEOUS. For explanation of column headings, &c., see notes on first page of tables.	Date of Bonds	Size, or Par Value.	Amount Outstanding	INTEREST OR DIVIDENDS.			Bonds—Princ- pal, When Due. Stocks—Last Dividend.
				Rate %	When Payable.	Where Payable, and by Whom.	
Otis Elevator—Stock common \$6,500,000			\$6,375,300	2 in 1906	Aprll	Office, 17 Batt'y Pl, N Y	Apr 16 '06 2 %
Stock preferred 6 % non-cumulative \$6,500,000		\$100	6,449,500	6	Q—J	do do	Oct 15 '06 1 1/2 %
Gold notes due Jan 1 yearly (see text)			400,000	4 g	J & J	do do	Jan 1 '07-'08
Pacific Coast Co—Stock common \$7,000,000 (see text)		100	7,000,000	6 in 1906	Q—F	Checks from Co.'s office	Nov 1 '06 1 1/2 %
First preferred stock \$1,525,000 5 % non-cumulative		100	1,525,000	5 in 1906	Q—F	do do	Nov 1 '06 1 1/2 %
2d preferred stock \$4,000,000 4 % non-cum (see text)		100	4,000,000	6 in 1906	Q—F	do do	Nov 1 '06 1 1/2 %
First mortgage \$5,000,000 gold	Ma c*	1897	5,000,000	5 g	J & D	Manhattan Tr Co, N Y	June 1 1946
Pacific Mail Steamship—Stock		100	20,000,000	3 in 1899	J & D	Mercantile Trust, N Y	Dec 1 '99 1 1/2 %
Penn B Cr & E Coal—Serial s f gold bonds \$3,000,000 text	S	1906	1,200,000	5 g	A & O	Standard Trust Co, N Y	Oct 1911-1927
Penn Coal & Coke—Con 1st & coll tr M g s f (oth bds see txt) c*	S	1903	6,537,500	5 g	M & S		Sept 1 1953
Pennsylvania Canal—Gen M \$5,000,000 Interest guar.	c*	1870	1,948,000	6	J & J	Broad St Station, Phila	July 1 1910
Pennsylvania Steel Co—Pref stock 7 % non-cum \$25,000,000		100	16,500,000	7 in 1905	M & N	Checks mailed	May 1 '06 3 1/2 %
Old Pennsylvania Steel first mortgage currency	GP r	1887	1,000,000	5	M & N	Philadelphia office.	Nov 1 1917
Maryland Steel first mortgage currency	GP r	1892	2,000,000	5	F & A	do	Feb 1 1922
Penn-Maryland Steel Co consol mtge \$7,000,000 gold GP c*	S	1895	4,000,000	6 g	M & S	Girard Trust Co, Phila	Sept 1 1925
Collat trust loan Cornwall properties s f red (text)		1902	7,050,000	5 g	A & O	Office, Philadelphia	Oct 1 1932
Mortgage on coke ovens due \$150,000 yearly red	GP	1905	1,125,000	4 1/2 g	J & D	Office, Philadelphia	To June 1 1915
Penn-Mary Coal (serial) notes gold guar due part semi-ann		1906	1,250,000	5 g	A & O 15		To Apr 15 1908
Pennsylvania Steel car trust bonds gold \$25,000 yearly		1900	100,000	5 g	J & J	Office, Philadelphia.	July 1 '07-'10
Maryland Steel car tr bonds g \$60,000 due yearly call 105		1902	360,000	5 g	J & J	Girard Trust Co, Phila	July 1 '07-'12
People's Gas Light & Coke (Chicago)—Stock \$35,000,000		100	32,969,100	6 in 1905	Q—F	Office, 54 Wall St. N Y	Aug 25 '06 1 1/4 %
First consolidated mortgage for \$10,000,000 gold	Ce c*	1893	4,900,000	6 g	A & O	Central Trust Co, N Y	Apr 1 1943
Chicago Gas Light & Coke first mortgage gold	FP c	1887	10,000,000	5 g	J & J	Cent'l Tr, N Y; & Chicgo	July 1 1937
Consumers' Gas 1st M gold (See V 66, p 472)	Ce c	1886	4,246,000	5 g	J & D	Cent'l Tr, N Y; & Chicgo	Dec 1 1936
Illinois Light, Heat & Power first mortgage	c	1885	500,000	7	M & N	Central Trust Co, N Y	Nov 1 1915
Lake Gas first mortgage gold	IC	1885	300,000	6 g	J & J	Ill Tr & Sav Bk, Chicgo	July 1 1915
P G L & C—Refunding M \$40,000,000 gold	F c* & r	1897	9,900,000	5 g	M & S	Cent'l Tr, N Y; & Chicgo	Sept 1 1947
Mutual Fuel Gas first mortgage \$5,000,000 gold, assumed		1897	5,000,000	5 g	M & N	do do	Nov 1 1947

\$949,010; charges, \$718,538; int. on \$1,200,000 new bonds calls for \$60,000; net surplus, \$170,472. V. 83, p. 441.

Pres., James Kerr; V. P., T. H. Watkins; Sec. and Treas., A. G. Edwards. Office, 17 Battery Place.—(V. 78, p. 1910; V. 79, p. 1706; V. 82, p. 284; V. 83, p. 441, 497, 767.)

PENNSYLVANIA MFG. LIGHT & POWER.—See Philadelphia Electric.

PENNSYLVANIA STEEL CO.—Chartered in N. J. on April 29 1901 and acquired per plan in V. 72, p. 46, 91, almost entire \$6,500,000 stock of Penn. company of same name and entire stock of Maryland Steel Co. Thus controls plants at Steelton, Pa., and Sparrows Point, Md., incl. blast furnaces, annual capacity 750,000 tons pig iron; two Bessemer plants, capacity 800,000 tons, and one open-hearth plant, capacity 250,000 tons of ingots; two rail mills, capacity 640,000 tons, a shipbuilding and a bridge-building plant (new plant V. 77, p. 773), a complete frog and switch-building plant, &c. Owns entire \$150,000 stock of Balt. & Sparrows Point RR. V. 73, p. 1355.

Owns the entire \$2,400,000 stock of the Spanish-American Iron Co., shipping from 400,000 to 500,000 tons of ore annually, and owning about 5,000 acres of land near Santiago, Cuba (V. 62, p. 776; V. 71, p. 393; V. 76, p. 917; V. 77, p. 1229; V. 78, p. 1495).

Has also purchased a 42-96 interest in the Cornwall Ore Banks Co., Lebanon Co., Pa., the Lebanon Furnaces, Lebanon, Pa., and \$540,000 of the \$800,000 stock of the Cornwall & Leb. RR., issuing in 1902 \$7,500,000 5 % collateral trust bonds of Penn. Steel Co. (of Penn.). V. 75, p. 345, 397; V. 72, p. 1241, 1283; V. 73, p. 1364; V. 74, p. 1312. Owns entire stock of Penn-Mary Coal Co., holding 16,000 acres of coal lands in Indiana County, Pa. V. 82, p. 1100.

STOCK.—Common stock authorized, \$25,000,000; outstanding, \$10,750,000 (par \$100). Preferred, see table above. V. 72, p. 1241.

In June 1901, control was acquired by the Pennsylvania RR. and affiliated roads by purchase of \$10,000,000 each of common and preferred stock. V. 72, p. 678; V. 79, p. 1269.

DIVIDENDS.—On pref. stock since re-capitalization, Nov. 1 1901 to May 1906, incl., 7 % yearly (paid M. & N.).

BONDS.—Consolidated joint mortgage covers the plants at Steelton, Pa., and Sparrows Point, Md., and all of the \$1,000,000 stock of the Maryland Steel Co.; \$3,000,000 are reserved to retire the prior liens.

Of the collateral trust 5s of 1902, not less than \$100,000 nor more than \$500,000 may be called, at 105, at any interest period; in addition a sinking fund of 50 cents per ton of ore mined is to be similarly applied; if the sinking fund is not sufficient to redeem \$150,000, the company must meet deficiency. V. 74, p. 1312.

The bonds on coke ovens dated June 1 1905 are subject to call at 102 1/2 as a whole or in amounts of \$100,000 or more. V. 80, p. 1975. Penn-Mary guaranteed serial notes mature \$500,000 semi-annually to Oct. 15 1907, remaining \$250,000 on April 15 1908. V. 82, p. 1100.

REPORT for calendar year 1905, in V. 82, p. 1100, showed: Earnings of operating companies over charges and depreciation, \$2,697,211, against \$1,235,512 in 1904; dividends (paid to Penn. Co.), \$1,164,000; balance, \$1,533,211; total receipts of Penn. Co., \$1,471,205; bal., sur., over expenses (\$31,003), 7 % div. on pref. (incl. 3 1/2 % paid May 1906), and adjustment value of securities (\$200,000), \$85,202; combined surplus of operating and holding companies, \$1,618,413. Office, Philadelphia; New York office, 71 Broadway.—(V. 81, p. 1562; V. 82, p. 104, 456, 1044, 1100.)

PEOPLE'S GAS LIGHT & COKE (CHICAGO).—An absolute consolidation on Aug. 2 1897 of the companies forming the old Chicago Gas Trust. V. 64, p. 1088; V. 65, p. 235. Mutual Fuel was purchased in Nov. 1897, and early in 1898 consolidated, as was also the Hyde Park Co., with the People's Gas-Light & Coke Co. The Universal Gas Co. (stock, \$1,500,000) is controlled in the company's interest. V. 67, p. 179; V. 68, p. 474. On Nov. 1 1900 made a contract to purchase the property of the Ogden Gas Co. for \$7,000,000, at the expiration of the latter's franchise on March 4 1945. V. 72, p. 91, 244, 630, 779; V. 74, p. 99, 155; V. 78, p. 1501; V. 82, p. 574. As to Indiana Oil & Gas Co., see V. 67, p. 690; V. 68, p. 825, 1182; V. 71, p. 33, 1123. As to Northwestern Gas Light & Coke Co., see that co. above.

PROPERTY.—In service January 1906: Street mains, 2,028 miles; meters, 376,051; public lamps, 24,608; V. 78, p. 1501. See V. 66, p. 382.

In March 1906, it was proposed to erect a new gas plant to eventually replace the nine existing plants at an initial expenditure of about \$5,000,000. V. 82, p. 574.

The price of gas has been fixed at 85 cents per 1,000 cubic ft. for 5 years from Feb. 1 1906. The 75-cent gas ordinance of Oct. 1900 was repealed, without prejudice to the city's right to maintain its validity in the Mills suit, (V. 78, p. 346; V. 82, p. 574), the lower court having declared it illegal. See ordinance at length, V. 82, p. 574.

DIVS.—'89 '90 '91 '92 '93 '94 '95 '96 '97 to Nov. '05 1906  
Per cent. — 4 3 3 5/4 4 1/2 (1 1/2) 6 2 1/2 1 1/2 6 yrly (1 1/2 Q-F) In Aug. 3 1/4  
In Feb. 1906 the dividend rate was reduced from 6 to 5 % in connection with a reduction in price of gas. V. 81, p. 1796; V. 82, p. 284.

BONDS, ETC.—Of the \$40,000,000 issue of 1897 \$29,046,000 bonds were reserved to retire prior bonds, of which \$9,100,000 has been issued. The balance (\$10,954,000), of which \$800,000 has been sold, was issuable for additional property, improvements or betterments. V. 65, p. 572; V. 79, p. 155.

REPORT.—Report for year ending Dec. 31 1905 in V. 82, p. 388.

Years ending Dec. 31	1905	1904	1903
Gross income	\$12,284,363	\$12,014,085	\$11,854,800
Net over oper. exp.	\$5,705,579	\$5,678,264	\$5,414,438
Interest on bonds	1,829,300	1,853,550	1,857,300
Depreciation	726,989	690,569	656,431

Balance for stock \$3,149,290 \$3,134,145 \$2,900,707  
Dividends, 6 % \$1,978,146 \$1,978,147 \$1,978,146

DIRECTORS.—C. K. G. Billings (Chairman), Geo. O. Knapp (Pres.), A. N. Brady (Vice-Pres.), Walter Ferguson (2nd V. P.), A. R. Flower, C. K. Wooster Jr 3rd V. P.; Treas., W. S. McCrea; Sec., L. A. Wiley. Office, 54 Wall St., N. Y.—(V. 82, p. 388, 395, 574.)

PHILADELPHIA COMPANY.—See Pittsburgh, in "St. Ry." Section.

PHILADELPHIA ELECTRIC CO.—ORGANIZATION.—Incorporated in New Jersey on Oct. 5 1899. Controls all electric-light properties of city; also in West Philadelphia and Chester. V. 73, p. 496, 680; V. 74, p. 1249.

STOCK.—Authorized, \$25,000,000, of which \$12,250 in treasury; 40 % paid in. V. 74, p. 156, 215; V. 78, p. 1449. Dividends: June, 1902, to June, 1906, inclusive, 5 % yearly on amounts paid in.

BONDS.—Collateral trust 4 % gold fifty-year certificates, dated Oct 16 1899, amounting to \$17,500,000 have been authorized, of which \$14,982,200 were used to purchase \$14,994,100 of the \$15,000,000 Penn. Mfg. L. & P. stock (\$1,500,000 paid in) and all the \$17,500,000 Nat. Elec. stock (\$4,375,000 paid in), the balance to be retained to acquire other electric properties in Philadelphia and adjacent counties. See V. 69, p. 797, and official circular page, 853 and official statement V. 74, p. 1249.

Under agreement of Oct. 12 1899, \$2,000,000 old Phila. Electric certificates were purchased, reducing the amount outstanding to \$11,268,060. V. 70, p. 331. In Aug. 1900 purchased \$2,000,000 fours the same being held available as collateral for loans. V. 74, p. 215.

REPORT.—Year ending Dec. 31 1905, with balance sheet, was in V. 82, p. 1209. Total gross income, \$4,104,113; expenses, taxes, etc., \$2,014,938; interest, \$1,263,626; other charges, \$14,334; dividends, \$499,935; balance, surplus, \$311,081.

Pres., Joseph B. McCall; Sec., A. V. R. Coe; Treas. Wm. P. Conover Jr. Office, 10th and Sansom Sts., Phila., Pa.—(V. 82, p. 872, 1209.)

PITTSBURGH COAL CO.—("Rail Coal Consolidation.")—ORGANIZATION.—Incorporated in N. J. in Sept. 1899. Owns about 150 coal mines and 160,000 acres of coal lands in or within a radius of 40 miles of Pittsburgh, together with some 5,000 coal cars operating over railroads radiating from Pittsburgh. In Jan. 1902 leased Shaw Coal Co. V. 74, p. 376. See V. 78, p. 765, 1449. In Nov. 1904 the coal properties of the Pittsburgh RR. Terminal & Coal Co., having a monthly output of about 250,000 tons, were leased for 40 years. V. 80, p. 1238.

In 1903 were purchased \$15,000,000 of the \$20,000,000 common and \$2,500,000 of the \$10,000,000 preferred stock of the Monongahela River Consolidated Coal & Coke Co. at \$15 and \$45 (of which \$16 29 had been paid in July 1906) per \$50 share, respectively. Payment was made for the common in non-interest-bearing notes due one-third Nov. 3 yearly for three years, and for the preferred in semi-annual instalments, beginning Jan. 20 1904, equal to 6 cents per ton of coal mined from the Monongahela properties.

In April 1905 made 25-year contract for the supply of coal to the U. S. Steel Corporation and later one with the Republic Iron & Steel Co. running till April 1911. V. 80, p. 1427.

Application to list, showing prop., stock, rights, etc. V. 80, p. 1919.

BONDS.—The \$25,000,000 first and collat. 5s of 1904 issued by the Pittsburgh Coal Co. of Penn. are guaranteed, principal and interest, by the Pittsburgh Coal Co. They are a first lien on 160,000 acres of coal lands and 13,000 acres of surface, and by collateral trust on 7,000 acres of Hocking Valley coal and 8,400 acres of Pittsburgh coal held under leases and deposit of all securities owned. The proceeds will be used to fund the floating debt and for working capital and retirement of \$5,400,000 bonds due in 1904-08. The issue is subject to call at 110, in whole or in part on any interest day, and has a sinking fund of 5 cents a ton on run-of-mine coal, with a yearly minimum of \$600,000. Coupon bonds or registered bonds issued in exchange for coupon bonds are to be called first, in numerical order, beginning with the lowest number. See V. 78, p. 1965; V. 80, p. 1919. To Aug. 1906 \$1,570,000 of bonds was acquired by sinking fund and canceled. V. 82, p. 389; V. 83, p. 327.

BONDED DEBT OF SUBSIDIARY AND CONSTITUENT COMPANIES, ETC.

Bonds—	Interest.	Outstanding.	Maturity.
Northwestern Coal Ry. 1st M. 5 g., M & N		\$794,000	May 1 1923
Pitts & Cas Shan Ry (V. 81 p. 781) 6 F & A		162,320	Aug. 1908
Pitts & Chicago Gas Coal Co	5	85,000	Jan. 1906-14
Imperial Coal Co	6	75,000	May 1907-10
Mansfield Coal & Coke 1st M., guar p & l. due \$40,000 yrly. } 6 A-O		280,000	Oct. 1907-13
Int. at Colonial Tr. Co., Pittsburgh, Pa.			
Ohio Coal Co	5	200,000	Feb. 1922
Pittsburgh & Moon Run	6	100,000	Jan. 1912
Various purch. money mtgs.		1,437,354	Var. to 1906

(funds deposited to retire these at maturity.)  
Car trust notes 112,625 to 1909  
do do gold \$52,000 due s. a. 4 1/2 g., M & N 884,000 to May 1915

DIVIDENDS.—On pref., 1900 to Oct. 1903, 7 % yearly in cash; on Jan. 25 1904, 1 1/4 % in scrip. (paid off Nov. 25 1904); since to April 1905 inclusive, 1 1/4 % quarterly; none later to Oct. 1906. V. 81, p. 269.

EARNINGS.—For 6 months ending June 30:

6 months—	Gross Earnings.	Depletion of Lands.	Depreciat'n Charges.	Bond Interest.	Balance Surplus.
1906	\$2,384,422	\$369,844	\$568,184	\$588,058	\$858,336
1905	1,475,732	276,060	63,339	609,100	527,233

REPORT.—Report for year ending Dec. 31 1905, in V. 82, p. 389 showed net profits after deducting expenses and all losses, \$3,255,358; royalty and depreciation, \$1,423,346; interest on bonds, \$1,207,087; dividend (1 1/4 % on pref., \$343,273; undivided profits, appropriated for preferred stock dividends and working capital, \$281,654.

DIRECTORS.—Francis L. Robbins (Chairman), M. H. Taylor (Pres.), W. R. Woodford (Vice-Pres.), A. W. Mellon, Geo. T. Oliver, H. R. Rea, John A. Bell, James H. Beal, John I. Bishop, Calvary Morris, Grant B. Schley, D. L. Gillespie, Alexander Dempster, J. Dennistoun Lyon and Charles Donnelly. Treas. is F. M. Wallace, Sec., F. J. Le Moyne 232 5th Ave., Pittsburgh. V. 82, p. 696.—(V. 83, p. 216, 327.)

PITTS TERM. WAREH. & TRANSFER.—V. 80, p. 476; V. 83, p. 442.

POCAHONTAS COAL & COKE.—See Norfolk & Western Ry.

POPE MANUFACTURING CO.—ORGANIZATION.—Incorporated in New Jersey in Feb. 1903 as successor per plan in V. 75, p. 1401, and V. 76, p. 267, of the American Bicycle Co., which acquired concerns mentioned in V. 69, p. 177, 493. See application to list V. 72, p. 536, and V. 73, p. 782, 1358; plan V. 75, p. 1401; plants, V. 78, p. 1966; properties sold in 1905, V. 80, p. 1734, 2348.

STOCK.—Common stock, \$10,000,000, all outstanding; 1st pref. 6 % cum. (subject to call at 110), \$2,500,000; 2d 5 % pref. cum. after Feb. 1 1905, \$10,000,000; par of shares, \$100 each; outstanding, see table. Stock is held in a voting trust until Feb. 1 1908.

REPORT for the year ending July 31 1905 was in V. 81, p. 1721, showing: Gross sales and earnings, \$7,801,145; total net income, \$1,303,995; general expenses, interest, etc., \$1,216,775; bal., sur., \$87,220.

OFFICERS.—Pres., Albert A. Pope; 1st Vice-Pres. Albert L. Pope; Treas., George Pope; Sec., Wilbur C. Walker. Directors, May 1904 V. 78, p. 1966. Main office, Hartford, Conn.; N. Y. office, 21 Park Row. (V. 81, p. 1721.)

PRESSED STEEL CAR CO.—ORGANIZATION.—Incorporated in N. J. on Jan. 13 1899; owns plants at Pittsburgh and McKees Rocks, Pa. Prospectus in V. 68 p. 188, 131. Capacity of the works about 120 cars a day of largest size. Competition, V. 73, p. 1316; V. 74, p. 580. Leases Western Steel Car & Foundry Co., having plants at Hegewisch, Ill., and Anniston, Ala.; capacity over 100 cars daily. V. 74, p. 991, 835, 729; V. 80, p. 169. Controls Canada Car Co. (V. 79, p. 2459 2749); Penn. Car Wheel Co., Central Car Wheel Co. and Penn. Malleable Co. (V. 81, p. 1243.) See V. 82, p. 450. In 1906 was to begin manufacture of street cars. V. 81, p. 672.

BONDS.—The first mtge. gold bonds are subject to call in whole or part at par and interest on any interest day. V. 72, p. 343; V. 74, p. 203;



MISCELLANEOUS.	Date of Bonds	Size, or Par Value.	Amount Outstanding	INTEREST OR DIVIDENDS.			Bonds—Princi- pal, When Due. Stocks—Last Dividend.
				Rate %	When Payable.	Where Payable, and by Whom.	
<i>For explanation of column headings, &amp;c., see notes on first page of tables.</i>							
Rhode Island Perkins Horse Shoe—Common stock		\$100	\$1,000,000				
Preferred 7% cumulative \$1,750,000		100	1,750,000	See text.	See text.		Oct 15 '06 1 3/4%
Royal Baking Powder—Pref stock \$10,000,000 6% cumulative		100	10,000,000	6	Q—M	Checks mailed	Sep 29 '06 1 1/2%
Rubber Goods Manufacturing—Common stock \$25,000,000		100	16,941,700	See text.	A—O 15	Checks mailed	Oct 15 '06 1%
Preferred stock 7% cum \$25,000,000 (bonds, text)		100	10,351,400	7 in 1905	Q—M 15	do	Sep 15 '06 1 3/4%
Safety Car Heating & Lighting—Stock (\$5,000,000)		100	4,921,000	12 in '06	Q—J	By check	Oct 1 '06 4%
St Paul Union Stock Yards—Sterling priority loan			211,900	5	A & O	London, England	Oct 1 1936
First mortgage			1,849,000	5	A & O	NY, Lon and South St P	Oct 1 1916
Simpson Securities—Stock (\$1,000,000 8% cum pref)		100	3,500,000				
Real estate & coll M \$1,500,000 g red 102 1/2	1904	1,000	1,422,000	6 g	J & J	Colonial Trust Co, N Y	Jan 15 1929
Simpson-Crawford Co mortgage			1,000,000				
Debentures gold	1902		78,000	6 g	J & J	Office, 311 6th Ave, N Y	
Singer (Sewing Machine) Manufacturing—Stock \$30,000,000		100	30,000,000	See text.	Q—M		Mar 31 '06 2%
Sloss-Sheffield Steel & Iron—Common stock \$10,000,000		100	10,000,000	5 in 1906 A	& O	Guaranty Trust Co, N Y	Oct 1 '06 2 1/2%
Preferred (as to assets) 7% non-cum \$10,000,000		100	6,700,000	7 in 1906	Q—J	do	Oct 1 '06 1 3/4%
Sloss Iron & Steel Co first mortgage gold	1887	Ce	2,000,000	6 g	F & A	Central Trust Co, N Y	Feb 1 1920
General mortgage gold subject to call at par	1888	Ce	2,000,000	4 1/2 g	A & O	do	Apr 1 1918
Somerset Coal—Stock, \$4,000,000		100	4,000,000	See text.	See text.	Checks mailed.	Feb 1 '04 2%
First mortgage \$4,000,000 gold red 110 s f	1902	1,000	2,895,000	5 g	F & A		Feb 1 1932
Spring Valley Water—Stock \$28,000,000		100	28,000,000	See text.	Q—J		Apr '06 63c
General mortgage \$28,000,000 gold (other bonds see text)		1,000	17,500,000	4 g	J & D	N Y, San F & Fran-on-M	Dec 1 1923
Standard Cordage—Stock		100	2,800,000				
First mortgage gold red 105	1906	Eq	2,806,000	5 g	A & O	New York	Apr 1 1931
Adjustment (Income) mortgage see text	1906	Eq	2,500,000	Up to 5%		New York	Apr 1 1931

**SINGER (SEWING MACHINE) MFG. CO.—ORGANIZATION.**—Incorporated in 1873 in New Jersey under special Act. Plants are located at Elizabeth, N. J.; Kilbolve, near Glasgow; St. John, Que., etc. In 1905 arranged alliance with Wheeler & Wilson Mfg. Co. V. 81, p. 1440; V. 83, p. 276. Proposed improvements 1906, V. 83, p. 276. Stock, \$30,000,000, having been increased in Dec. 1900 by 200% stock dividend, capitalizing surplus. V. 71, p. 1224, 1273. Dividends on stock as increased 1901 to June 1902, inclusive, 7% yearly (paid Q.—M.); Sept. 1902 to Dec. 1903, both inclusive, 3% quarterly; Mch. 1904, 4%; June 4%; Sept., 19%; Dec., 4%; 1905, March, 4%; June, 4%; Sept., 3%; Dec., 2%; in 1906, Mch., 2%; June, (?)%. Office, 149 Broadway, N. Y. Pres. Douglas Alexander; Vice-Pres., Edwin H. Bennett. (V. 83, p. 276.)

**SLOSS-SHEFFIELD STEEL & IRON CO.—ORGANIZATION.**—Incorporated in New Jersey. See prospectus, V. 69, p. 286; V. 70, p. 1099; V. 71, p. 185, 545; V. 72, p. 779; V. 76, p. 659. Stock, \$3,300,000 pref. is reserved for future requirements. See listing, V. 70, p. 1200, showing properties, rights of preferred shares, etc.; also V. 72, p. 774; V. 78, p. 1177; V. 81, p. 1324.

In Dec. 1905 the syndicate controlling the Tenn. Coal, Iron & RR., it was rumored, acquired an interest. V. 81, p. 1796.

**DIVIDENDS** on preferred, April 1900 to Oct. 1906, .7% yearly (Q.—J.) Div. on common in 1905, 5% in cash (A. & O.) and in Oct., 33 1-3% in common stock (\$2,500,000); in 1906, 5% (A—O). V. 81, p. 901.

**EARNINGS** for 9 months ending Aug. 31 1906 (partly estimated), net, \$1,148,432, against \$1,175,092; charges, \$253,746; div. on pref., \$342,000; bal., sur., \$552,686. Report for year ending Nov. 30 1905 given at length in V. 82, p. 625, 700, showed net above depreciation, etc., \$1,415,079; bond interest, \$210,000; div. on pref. (7%), \$469,000; div. on common, (5%), \$375,000; sur., \$361,079. Total sur. Aug. 31 1906, \$3,367,449. Pres., J. C. Maben; Sec. and Treas., E. L. Morris, Birmingham, Ala. (V. 83, p. 629.)

**SOMERSET COAL CO.—ORGANIZATION.**—Incorporated in Pennsylvania about Jan. 1902. V. 81, p. 1497. Coal mined in '05, 1,352,539 tons. Of the stock, \$2,001,100 is owned by Consolidation Coal Co., which see; par of shares, \$100. V. 78, p. 1272. First dividend, 2%, paid Feb. 1 1904; none since. Bonds, see above. V. 78, p. 1272.

Report for year ending Dec. 31 1905 in V. 82, p. 1154, showed: Gross earnings, \$1,606,271; net, \$247,175; other income, \$21,445; charges, \$240,289; bal., sur., \$28,331. Pres., C. W. Watson. Office, Baltimore, Md. (V. 82, p. 809, 1154.)

**SOUTH YUBA WATER CO.—**See "Street Railway" section.

**SOUTHERN & ATLANTIC TELEGRAPH.**—Leased to Western Union for 99 years from Oct. 1 1876 (which owns \$390,475 of the \$949,050 stock), and stock guaranteed by rental 5%, payable A. & O. by Treasurer West. Un.

**SOUTHERN NEW ENG. TELEPH.**—(V. 82, p. 1378; V. 83, p. 217.)

**SPRING VALLEY WATER CO., SAN FRANCISCO.—ORGANIZATION.**—Successor Sept. 24 1903, per plan V. 76, p. 216, 977, to Spring Valley Water-Works. V. 78, p. 827. Sult, V. 82, p. 574. In Aug. 1906 an assessment of \$3 a share was levied on the stock to provide for losses in the recent earthquake. V. 83, p. 327, 498. Status Sept. 1906, V. 83, p. 704.

Of the gen. gold 4s (\$28,000,000 authorized issue; Union Trust Co. of San Francisco, trustee), \$3,000,000 have been issued for improvements and to take up \$359,000 old water-works bonds. In Dec. 1905 \$13,975,000 were sold to refund the \$13,616,000 prior bonds Sept. 1 1906 and \$525,000 for improvements. The remaining \$10,500,000 are applicable for acquisitions and improvements equal in cost to at least 85% of value of bonds. V. 78, p. 992; V. 81, p. 1726; V. 82, p. 164.

**DIVIDENDS.**—Reorganized company paid 21 cents per share Oct. 1903; Jan., Apr., July 1904 and Jan., Apr. and July 1905, 63 cents each; in Oct. 1904 and 1905, none; 1906, Jan. and Apr., 63 cents each; none July 1906.

**REPORT.**—In 1905 total income, \$2,299,765; net, \$1,730,102; int., \$757,000; taxes, \$370,658; dividends, \$532,330; bal., sur., \$70,116. (Com. pare V. 79, p. 987.)

**OFFICERS.**—Pres., Chas. W. Howard; Sec., Pelham W. Ames; Treas., Bank of Cal. Office, 126 Stockton St., San Francisco, Cal. (V. 83, p. 704.)

**STANDARD CORDAGE CO.—ORGANIZATION.**—Incorporated in N. Y. Apr. 11 1906 as successor of the Standard Rope & Twine Co., foreclosed per plan V. 81, p. 1726, which owned 3 mills in operation, viz.: Sewall & Day Mill at Boston (Alston), Mass., and the Waterbury and Morgan Ave. mills at Brooklyn, N. Y., besides two idle and partly dismantled; also stock (\$50,000) of Cannabis Mfg. Co., owning 3 mills—the Chelsea and Boston mills in Boston, Wm. Wall & Sons of Brooklyn; see V. 73, p. 614; V. 81, p. 1726; reports of committees in V. 72, p. 987, 1140.

**BONDS.**—The adjustment (Income) mtge. bonds have the right to elect a majority of directors until interest has been paid for two consecutive years and thereafter one vote for each \$100.

**EARNINGS.**—Report for 1903-04 in V. 79, p. 1265.

**OFFICERS.**—Chairman of Board, James B. Clews; Pres., Charles Wilson; Vice-Pres., E. C. Butler; Sec. and Treas., James G. Hurty. Directors April 1906, V. 82, p. 872. Office, 82 Beaver St., N. Y. (V. 82, p. 1273; V. 83, p. 42, 442.)

**STANDARD MILLING CO.—ORGANIZATION.**—Incorporated in New Jersey on Oct. 31 1900 as successor of the U. S. Flour Milling Co., per plan in V. 70, p. 284, V. 71, p. 185, and owns directly or through subsidiary companies mills in Minneapolis, Duluth, West Superior, Milwaukee, Buffalo, Syracuse and New York; total daily capacity, 47,000 barrels of flour. See V. 75, p. 1252; V. 68, p. 873, 929; V. 69, p. 29, 1010; V. 71, p. 817. Properties taken over May 11 1902.

**STOCK AND BONDS.**—Stock, all outstanding, common, \$4,600,000; pref., 5% non-cum., \$6,900,000. Of the new 1st 5s, \$2,123,000 is reserved to retire at par the \$1,448,000 Hecker-Jones-Jewell 1st 6s and \$675,000 Northwestern Consolidated Milling 1st 6s (see V. 70, p. 283). The new mtge. is limited to \$5,750,000 but may be increased by \$500,000 for working capital, the bonds to be sold at not less than 95.

**DIVIDENDS.**—On pref., 1903, 1%; 1904 to Oct 1906, 2% yearly.

**REPORT.**—Report for year ending Sept. 30 1905, with balance sheet, in V. 81, p. 1314, showed: Income for year, \$391,746; int. on bonds, \$180,209; div. on pref. stock (2%), \$137,757; bal., sur., for year, \$73,780; total surplus Sept. 30 1905, \$1,390,961.

**OFFICERS.**—Pres., Brayton Ives; 1st V.—P., Wm. L. Bull; 2d V.—P., J. C. Klineck; Sec. and Treas., J. A. Knox. Office, 49 Wall St., N. Y. (V. 79, p. 1954; V. 81, p. 512, 1244, 1314; V. 82, p. 164.)

**STANDARD OIL.—ORGANIZATION.**—This New Jersey corporation succeeded in June 1899 to the Standard Oil properties, held by liquidating trustees. See "Supplement" for April 1899 and V. 68, p. 1227; V. 69, p. 28. Controls about 23,000,000 of the 26,000,000 barrels of refined oil produced yearly in the country and about the same proportion of other finished products of petroleum. Also controls wells in Penn., Ohio and W. Va., and has pipe lines to tidewater. V. 66, p. 1239; V. 69, p. 745; V. 71, p. 1273; V. 76, p. 387, 870; V. 77, p. 1536; V. 82, p. 809; V. 82, p. 1105.

Report of Commissioner of Corporations, V. 82, p. 1105, 1160.

**DIVID'S.**—'96. '97. '98. '99. '00. '01. '02. '03. '04. '05. 1906.  
Per cent.----- 31 33 30 33 48 48 45 44 36 40 Incl. Sept, 30  
1905, Mch., 15%; June, 9%; Sept., 6%; Dec. 10%; 1906, Mch., 15%;  
June 9%; Sept., 6%.

**OFFICERS.**—Pres., J. D. Rockefeller; Treas., W. H. Tiltford; Sec., C. M. Pratt. Office, 26 Broadway, New York.

**DIRECTORS.**—J. D. Rockefeller, William Rockefeller, H. M. Flagler, J. D. Archbold, H. H. Rogers, W. H. Tiltford, C. M. Pratt, O. H. Payne, E. T. Bedford, C. W. Harkness, J. A. Moffett, F. Q. Barstow and Walter Jennings. (V. 81, p. 977, 1046; V. 82, p. 809, 1105, 1160; V. 83, p. 100.)

**STANDARD ROPE & TWINE CO.—**See Standard Cordage Co.

**STANISLAUS WATER POWER CO.—ORGANIZATION.**—Incorporated in Maine on Dec. 23 1905, as a holding company for the Stanislaus Electric Power Co. (operating Co.), whose stock it owns. It is planned to develop over 25,000 electrical horse-power, and in addition water equivalent to 16,000 electrical horse-power will be diverted at the power-house site so as to be available during a large part of each year for hydraulic mining on the company's property or for sale to independent mines. (V. 81, p. 1854.)

**SECURITIES.**—Common stock authorized, \$10,000,000; pref., 6%, \$3,000,000; par, \$100. The pref. stock will be redeemable on and after Jan. 1 1913 at \$130 per share, dividends thereon to be cumulative from Jan. 1 1910. Bonds will be a direct lien on the property of the Stanislaus Electric Power Co. and be redeemable at 110 on and after Jan. 1 1913. A syndicate managed by Tucker, Anthony & Co. of Boston and others has underwritten \$6,000,000 bonds and \$3,000,000 pref. stock. Not over \$8,250,000 common stock will be issued at present. Pres., C. M. Drummond; Sec. and Treas., Henry Endicott Jr. (V. 82, p. 570.)

**SUNDAY CREEK CO.—ORGANIZATION.**—Incorporated in New Jersey June 30 1905, acquiring Sunday Creek Coal Co. (acreage owned in Ohio, 16,300; leased, 250), also leasing properties allied to the Hocking Valley Ry., viz.: Kanawha & Hocking Coal & Coke Co. and Continental Coal Co. (owning together 59,500 acres in W. Va. and Ohio) for 39 years, assuming all interest charges for their first mortgage bonds, and the Buckeye Coal & Ry. and Ohio Land & Ry. (24,350 acres) for 25 years at rental of \$100,000 yearly and royalty on coal mined. Total acreage leased, 84,100; owned, 16,300. Application to list showing properties owned and leased, earnings and balance sheets of the various companies, was in V. 83, p. 160-2. Stock authorized, \$4,000,000; outstanding, \$3,750,000; par, \$100.

**BONDS.**—The collateral trust 5s of 1905 are secured by deposit of certificates of beneficial interest representing the entire \$3,250,000 Cont. Coal stock and \$3,230,000 of the \$3,250,000 Kan. & H. C. & C. stock, \$12,000 of the bonds being reserved to retire the remaining \$20,000 stock. A sinking fund of \$35,000 and interest on all bonds previously retired will be used to draw bonds by lot at par July 1 yearly. Sunday Creek Coal 20-year 1st s. f. gold 6s \$317,000 (assumed), due 1912. Kan. & Hock. C. & C. 5s, \$2,909,000 outstanding and Cont. Coal (\$2,399,000). see Hocking Val. Ry.

**EARNINGS.**—For 9 mos. ending Mch. 31 1906, gross, \$4,664,790; net, \$834,110; oth. income, \$14,845; int., s. f., &c., \$692,498; bal., sur., \$156,457.

**OFFICERS.**—Pres., John H. Winder; Vice-Pres., H. H. Helmer; Sec. and Treas., C. A. Suydam. Office, 44 East Broad St., Columbus, Ohio. (V. 82, p. 1105; V. 83, p. 100, 162.)

**SWIFT & CO.—ORGANIZATION.**—Incorporated in Illinois April 1 1885. Has packing plants at Union Stock Yards, Chicago; at South Omaha, Kansas City, East St. Louis, South St. Joseph, South St. Paul and Ft. Worth, and in Dec. 1905 secured option on plant in Portland, Ore. V. 81, p. 1854. Report of Bureau of Corporations, V. 80, p. 1001, 1062.

**STOCK.**—Stockholders in 1906 purchased \$15,000,000 new stock at par, raising amount outstanding to \$50,000,000. V. 82, p. 52. Probable increase of stock, V. 83, p. 822. Dividends since 1888: 1889 to 1894 incl., 8%; 1895 to July 1898 incl., 6%; Oct. 1898 to Oct. 1906, 7%. Bonds, see table above.

**REPORT.**—Report for year ending Dec. 31 1905, with balance sheet, was in V. 82, p. 98, 279. In 1902-05 sales were about \$200,000,000 yearly against \$170,000,000 in 1900. Chairman, E. C. Swift; Pres., Louis F. Swift; V. P., Edward F. Swift; Treas., L. A. Carton; Sec., D. E. Hartwell; Asst. Treas., I. A. Vant. Directors, Jan. 1906, V. 78, p. 233; V. 82, p. 52. Office Chicago. (V. 82, p. 51, 98, 279, 754, 1216; V. 83, p. 822.)

**SYRACUSE LIGHTING CO.—**V. 77, p. 248, 302, 399, 1299.

**TEMPLE IRON CO.—ORGANIZATION.**—Incorporated in 1873 in Pennsylvania, and in Mch. 1899 purchased anthracite coal properties of Simpson & Watkus around Seranton, Pa. V. 69, p. 231. Controlled in the interest of Del. Lack. & West., Cent. RR. of N. J., Reading Co., Lehigh Valley, Erie and N. Y. Susq. & West, which guarantee both stock and bonds. See V. 71, p. 1124, 1170; V. 78, p. 2015.

**STOCK AND BONDS.**—Stock is subject to call at par and interest on (or after) Jan. 1 1904 on 6 months notice, but absolutely payable by the RR. co's Dec. 31 1906. Held in voting trust by Guaranty Trust Co. Bonds are secured by stocks of properties owned and are subject to call by sinking fund of 15 cents per ton on coal mined at 110 and interest; they are guaranteed, but severally in different proportions, by the railways above named. Bonds for \$11,000,000 are reserved for additions. V. 71, p. 1124 1170; V. 75, p. 926.

**OFFICERS.**—Pres., Geo. F. Baer, Philadelphia, Pa.; V.—P., and Treas., A. F. Law, Scranton Pa.; Sec., Geo. L. Houser. (V. 78, p. 2015.)

**TENNESSEE COAL IRON & RAILROAD COMPANY.—ORGANIZATION.**—Owns steel rail mill, blast furnaces, coal mines, iron mines, foundries, &c., in Tennessee and Alabama. V. 70, p. 588; V. 75, p. 621. In July 1906 re-purchased Birmingham Southern RR., 26 miles. V. 83, p. 42. On Nov. 30 1899 the Alabama Steel & Shipbuilding Co. plant was opened at Ensley City. The plant has ten open-hearth furnaces of 50 tons each and a capacity of 1,000 tons of steel billets and slabs daily, and is leased to the Tenn. Coal, Iron & RR. Co., which guarantees its \$1,100,000 6% bonds and \$440,000 6% pref. stock. V. 70, p. 591. The common stock, all owned by the Tenn. C. I. & RR. Co., carries control of stock. V. 66, p. 1002, 1235; V. 67, p. 127, 801; V. 70, p. 1196; V. 72, p. 584.

In Dec. 1905 Republic Iron & Steel interests acquired control. V. 81, p. 1677, 1796; V. 82, p. 164, 1046.

**DIVIDENDS.**—On common in 1887, 1%; in 1900, 6%; 1902 to 1904, none; May 1905 to Nov. 1906, both incl., 1% quarterly.

**STOCK.**—Stockholders voted Jan. 31 1906 to increase the com. stock from \$23,000,000 to \$30,000,000. Of the new stock, \$3,417,204 was offered to stockholders pro rata at par, payable in four equal instalments, the first at once, on July 16, Oct. 16 and Jan. 16 1907, making the common stock outstanding \$25,970,300. V. 82, p. 284, 396. Stockholders voted Oct. 16 1906 to increase the common stock from \$40,000,000 to \$50,000,000 to provide for additions and acquisitions and working capital. V. 83, p. 704. Pref. stock may be exchanged for com. at rate of \$100 pref. for \$180 com. stock.

**BONDS.**—Of the \$15,000,000 gen. gold 5s of 1901, \$3,000,000 were sold to complete the steel mill at Ensley, having an annual capacity of 100,000 tons of rails and 200,000 tons of steel and other forms; \$10,654,500 were reserved for existing bonds bearing 6 and 7% interest (of which \$619,000 had

MISCELLANEOUS.		Date of Bonds	Size, or Par Value.	Amount Outstanding	INTEREST OR DIVIDENDS.				Bonds—Principal, When Due. Stocks—Last Dividend.
For explanation of column headings, &c., see notes on first page of tables.					Rate %	When Payable.	Where Payable, and by Whom.	Payable, and by Whom.	
Standard Milling—Stock (preferred 5% non-cumulative)			\$100	\$6,900,000	2 in 1906	A & O	Office 49 Wall St. N Y	Oct 31 '06 1%	
First mortgage gold \$6,250,000	Mpc*	1900	1,000	3,837,000	5 g	M & N	N Y, Metropolitan Tr Co	Nov 1 1930	
Mtge. bonds of controlled cos (Co owns \$1,052,000 of these)				2,123,000	6		New York	1911 & 1922	
Standard Oil—Stock \$100,000,000			100	98,338,300	40 in '05	Q—M	New York, 26 Broadway	Sept 15 '06 6%	
Stanislaus Water Power—Common stock \$10,000,000			100	See text.					
Preferred stock 6% \$3,000,000 (see text)			100	See text.					
First mortgage \$10,000,000 gold red 110 beginning 1913		1906	1,000	See text.	5 g	J & J		Jan 1 1946	
Sunday Creek—Coll tr M gold s f (other bonds text)	Ce.c*	1905	1,000	3,865,000	5 g	J & J	New York	July 1 1944	
Swift & Co—Stock \$50,000,000			100	50,000,000	7 in 1906	Q—J	New York & Chicago	Oct 1 '06 1 3/4%	
First mortgage \$5,000,000 gold, call after July 1910	AC	1900	500 &c	5,000,000	5 g	J & J	N Bk of Rep; N Y & Ch	July 1 1914	
Temple Iron—Stock \$5,000,000 guaranteed (see text)			100	2,500,000	6	J & J	Guaranty Trust Co, N Y	July 2 '06 3%	
Mortgage & coll tr bonds \$15,000,000 g u s f (see text)	G.c*	1899	1,000	2,500,000	4 g	J & J	Guaranty Trust Co, N Y	Jan 1 1925	
Tenn C I & RR Co—Stock common \$50,000,000			100	See text.	See text.	Q—F	Hanover Bank, N Y	Nov 1 '06 1%	
Preferred stock 8% cumulative (see text)			100	248,300	8	Q—F	do	Nov 1 '06 2%	
Birmingham, Ala. Div, con M g s f 1% not d'rn	Ce.c*	1887	1,000	4,030,000	6 g	J & J	do	Jan 1 1917	
Tennessee Div bonds g s f 1 1/2% yearly not drawn	Ce.c*	1887	1,000	1,142,000	6 g	A & O	do	Jan 1 1917	
De Bard M g ass s f \$300,000 yearly not drawn	F.c*	1890	500 &c	2,729,000	6 g	F & A	do	Feb 1 1910	
Tenn Coal & Iron RR gen mortgage gold \$15,000,000	Unc.c*	1901	1,000	4,823,000	5 g	J & J	do	July 1 1951	
Alabama Steel & Shipbuilding pref 6% cum guaranteed				440,000	6	J & J	do	July 2 '06 3%	
1st M g g u s f reg red 110 beginning Jan 1907	Ma	1898	1,000	1,100,000	6 g	J & J	do	July 1 1930	
Cahaba 1st M \$1,100,000 g u s f red at 110	Ce.c*	1892	1,000	892,000	6 g	J & D	do	Dec 1 1922	
Union Bag & Paper—Common stock \$16,000,000			100	16,000,000					
Pref stock (as to as. & div) 7% cum.			100	11,000,000	See text.	Q—J	Check from Co's office	Oct 15 '06 1%	
First mortgage \$5,000,000 gold, red 105 s f	Ta.c*	1905	1,000	2,200,000	5 g	J & J	17 Battery Place, N Y	July 1 1930	
Union E I L & P, St Louis—1st M g (other bonds text)	M St.c*	1902	1,000	6,202,000	5 g	M & S	No Am Co, N Y or St L	Sept 1 1932	

been issued in Jan. 1906), and the balance for improvements. To Jan. 1906 \$145,000 had been retired by the sinking fund. V. 72, p. 876, 940, 989; V. 73, p. 86, 554, 1117; V. 77, p. 93, 2162; V. 80, p. 169.

REPORT.—Report for 1905 in V. 82, p. 1208. In 1905 output was: Coal 2,231,659 tons; coke, 890,634 tons; iron ore, 1,436,282 tons; limestone and dolomite, 212,290 tons; foundry and basic pig iron, 529,036 tons; open-hearth steel ingots, 246,558 tons; total finished product steel works, 198,814 tons; Bessemer rolling mill product, 25,166 tons.

Yr. end.	Dec. 31—	1905.	1904.	1903.	1902.
Total net profits	-----	\$2,092,463	\$1,562,797	\$2,904,976	\$2,602,778
Int. on bonds, &c.	-----	772,580	761,583	739,527	750,283
Depreciation, &c.	-----	291,599	304,905	411,422	419,537
Div. on common, 4%	-----	902,116	-----	-----	-----
Div. on preferred	-----	19,786	19,006	19,864	23,174

Bal. for year—sr. \$106,382 sr. \$477,253 sr. \$1,734,163 sr. \$1,409,785  
 DIRECTORS.—John A. Topping (Chairman), Anthony N. Brady, L. T. Beecher, Geo. A. Kessler, J. W. Gates, C. S. Guthrie (dec'd), L. C. Hanna, E. W. Oglebay, Grant B. Schley, S. G. Cooper, E. J. Berwind and Oakley Thorne. Pres., John A. Topping; Sec. and Treas., L. Hoover, 111 Broadway, New York.—(V. 82, p. 1046, 1208; V. 83, p. 42, 162, 564, 704.)

TEXAS & PACIFIC COAL.—Owns 56,700 acres of coal lands in Texas. Business consists of mining coal and manufacturing coke, brick, &c. Stock, \$2,500,000; outstanding, \$2,387,628. Cash dividends: 1896, 4%; 1897, 4%; 1898, 4 1/2%; 1899, 6%; 1899 to 1904, 6% yearly; 1905, Mch., June and Sept., 2% each in stock; Dec., 1 1/2% cash; 1906, Mch., June and Sept., 1 1/2% cash each. Mtge. is for \$500,000 of 6% bonds due 1908, bonds for \$355,000 in sink. fund (in Apr. 1906), leaving \$145,000 outstanding; Int. A. & O. at Central Trust Co., N. Y., trustee. Pres., E. L. Marston, 24 Broad St., N. Y.—(V. 80, p. 1239.)

TEXAS PACIFIC LAND TRUST.—V. 81, p. 209; V. 83, p. 154.

TRENTON POTTERIES CO.—Stock, \$3,000,000, of which \$1,179,400 is 8% non-cum. and \$70,600 cumulative 8% pref.; "Supplement" Apr. 1897. Dividends on pref. from Apr. 1900 to July 1906, incl., 2% quarterly. In July 1902 \$518,728 4% income certificates (Int. payable J. & J. 10), were issued to fund the 4% accumulated dividends on assenting pref., latter being made 8% non-cum., per plan V. 74, p. 1256. The certificates are subject to call for a non-cumulative sinking fund of \$25,000 yearly, beginning Jan. 1903, payable out of net profits, if any, over interest on certs. and dividends on pref.; to Jan. 1906 \$93,907 were purchased and canceled. Int. on certs. paid to July 1906, incl. V. 75, p. 81, 1208, 1258.—(V. 76, p. 483.)

TROW DIRECT. PRINT. & B'KBIND.—V. 69, p. 1060; V. 71, p. 962.

UNION BAG & PAPER CO.—ORGANIZATION.—Incorporated in New Jersey on Feb. 27 1899 as a consolidation of over 90% of the paper bag business of the country. V. 68, p. 430; V. 69, p. 182. See V. 71 p. 545. Assets and list of properties, see prospectus, V. 68, p. 333; V. 82, p. 937; rights, of stock, &c., V. 68, p. 675. Report year ending Feb. 1 1906, with balance sheet, was in V. 82, p. 865, showing: Net earnings, \$833,352; Int. on bonds, \$29,721; div. on pref. (7%), \$770,000; balance, \$33,631.

BONDS.—Of the bonds of 1905 (\$5,000,000 authorized), \$2,200,000 was sold to pay the floating debt, acquire additional timber lands and other property, increase working capital, &c. The remaining bonds are reserved for future purposes, any property acquired to be placed under the mortgage. V. 80, p. 2402; V. 81, p. 269, 564.

DIVIDENDS.—On pref., July '99 to July '06, 7% per an. (1 3/4% quar.). Oct. 1906, 1% (quar.). V. 83, p. 564.

OFFICERS.—Pres., L. G. Fisher; 1st V.-P., Edgar G. Barratt; 2d V.-P., A. R. Bush; Treas., E. S. Coleman; Sec., W. L. Sparks. Office, 17 Battery Place, N. Y.—(V. 81, p. 937; V. 82, p. 1444; V. 83, p. 564, 629.)

UNION DEPOT CO. OF COLUMBUS, O.—The P. C. C. & St. L. owns a half interest in this property.—(V. 63, p. 117; V. 64, p. 804.)

UNION ELECTRIC LIGHT & POWER CO., ST. LOUIS.—ORGANIZATION.—Incorp. in Mo. in June 1902 as a consolidation; in Sept. 1903 the Missouri Edison Electric Co. was absorbed. V. 77, p. 40, 774. Does practically all of the electric-lighting business of St. Louis. Has a 10-year contract with St. Louis Transit Co. to supply about 12,000 horse-power and contract to supply public city electric lighting till Sept. 1 1910. North American Co. owns practically all (\$5,655,575) of the outstanding stock. V. 80, p. 1099. Decision sustaining consolidation, V. 82, p. 1105.

Application to list showing properties owned, securities, &c., was in V. 83, p. 269.

Securities—	Date.	Interest.	Outstanding.	Last div., &c.
Stock (par \$100)	-----	-----	\$5,709,675	-----
Imper. L. H. & P. 1st M	-----	5	154,000	-----
Mo. El. Lt. & Power 1st M	1891	6 Q.-F.	600,000	1921
Mo. Ed. 1st cons. M., \$4,000,000, g. c* (\$1,000 each)	1897	5 g. F. & A.	3,198,000	Feb. 1 1927

U. E. L. & P. 1st M. (\$10,000,000 authorized issue), see table above.

Three-year g. notes, \$4,000,000 5 g. J. & J. 15 3,000,000 Jan 15 1907

000,000 (\$1,000 each) c) Redeemable par after Jan. 15 1907.

STOCK.—Of the \$10,000,000 stock, \$175,325 is reserved for exchange for outstanding Mo. Ed. El. stock and \$4,115,000 is held in trust for the treasury, of which \$3,000,000 is pledged as security for the 3-year notes due 1909.

BONDS.—Of the 5s of 1902, \$3,798,000 is reserved to retire the Mo. Edison and Mo. El. L. & P. bonds. Cash has been deposited to retire the Imp. L. H. & P. bonds. See V. 76, p. 1360; V. 77, p. 40; V. 78, p. 1396; V. 79, p. 2751.

The 3-year gold notes of 1906 (of which \$3,000,000 issued) are secured by an equal amount of stock which the North Amer. Co. agrees to buy at par at maturity. If the notes are not otherwise provided for. The North American Co. will also have the right to purchase the \$1,000,000 stock deposited for the remaining notes, if issued. V. 82, p. 105.

EARNINGS.—For year ending Dec. 31 1905, gross earnings, \$1,573,348; net over taxes, \$628,612; Int. on bonds, \$293,362; bal., sur., \$335,250.

OFFICERS.—Pres., John I. Beggs; 1st Vice-Pres., Julius S. Walsh; Treas., W. V. N. Powelson; Sec., Harold P. G. Coates. N. Y. office, 30 Broad St.—(V. 82, p. 104, 1105; V. 83, p. 102, 269.)

UNION FERRY.—Operates five ferry lines between New York and Brooklyn. Capital stock is \$3,000,000; par, \$100. The mtge. covers 19 ferryboats, real estate, &c.

DIVIDENDS — } 1891 to '97. '98. '99. 1900 to Oct. '06  
 Per cent ----- } 1 yearly. 3 1/2 3 2 yearly.

Terms of lease, expiring May 1 1906, V. 80, p. 2225. Pres., J. D. Fairchild.—(V. 80, p. 1125, 2224; V. 81, p. 921.)

UNION STEEL CO.—The United States Steel Corporation, which took possession as of Jan. 1 1903, owns the entire \$20,000,000 stock guaranteeing

\$45,000,000 of 5% bonds. See V. 75 p. 1359; V. 75, p. 1150; V. 74, p. 100. Properties are:

Plants at Donora and Sharon, Pa., with daily capacity as follows: 5 blast furnaces, 2,500 tons; 24 open-hearth furnaces, 2,400 tons; 3 blooming, slabbing and sheet bar mills, 3,200 tons; 4 rod mills, 800 tons; 2 wire and nail mills, 7,000 kegs; 1 tube works, 300 tons; 1 plate mill, 400 tons; 1 tin-plate plant, 3,600 boxes; 1 sheet plant, 100 tons; 1 by-product coke plant (212 ovens), 1,000 tons.

Coking coal property in lower Connellsville district, 4,740 acres of coal and 810 acres of surface.

Steam coal property on Monongahela River, 1,524 acres of coal and 179 acres of surface. Two modern steel ore steamers.

The Sharon and Penobscot mines (in fee) and Donora and Sweeney mines (leases) on the Mesaba range, estimated to contain 40,000,000 tons of ore.

BONDS.—The 1st and coll. 5s of 1902 (\$45,000,000 authorized issue) are guaranteed, principal and interest, by the U. S. Steel Corp., and are secured by all the property of the company including the Sharon Steel stock acquired. They are subject to call after Dec. 1 1907 at 110 and interest. Of the bonds, \$38,527,000 have been issued, of which \$2,651,000 were held all in sinking fund on Jan. 1 1906, \$3,500,000 are to be used to retire underlying bonds and balance is reserved for future purposes. An annual sinking fund payment of 2% of the amount of bonds outstanding. V. 75 p. 1150; V. 76, p. 107, 546. Guaranty, V. 76 p. 709.

Underlying bonds—	Date.	Interest.	Outstanding.	Maturity.
Sharon Steel 1st M. g. sink fund	1900	5 g. A. & O.	\$841,000	Oct. 1 1940
Sharon Steel Mtge. (1st on tube mill, 2d on other property)	1901	5 g. J. & D.	1,000,000	June 1 1941
Sharon Coke first mortg. gage	1901	5 g. J. & D.	1,250,000	Dec. 2 1931

Subject to call at par after Oct. 1 1910.  
 Subject to call at 105 to June 1 1911; thereafter at par.  
 Subject to call after 5 years.  
 —(V. 76, p. 107, 334, 545, 709; V. 78, p. 1171, 1227; V. 83, p. 912.)

UNION STOCK YARDS OF OMAHA.—ORGANIZATION.—Incorporated in Nebraska in Dec. 1887. Owns about 200 acres of land at South Omaha covered with buildings, &c., to carry on business and other real estate. In May 1903 it was voted to increase the stock from \$6,000,000 to \$7,500,000, the new stock being distributed, it was understood, as a 25% stock dividend. V. 76, p. 927; V. 83, p. 162. Cash dividends are paid 6% yearly (Q.-M.). There are no bonds. Pres., W. A. Paxton; Sec. and Treas., J. C. Sharp. Office, South Omaha, Neb.—(V. 83, p. 162.)

UNION SWITCH & SIGNAL CO.—ORGANIZATION.—Incorporated in Pa. in 1882. Owns plant at Swissvale, Pa. In 1898 acquired National Switch & Signal Co. V. 68, p. 471; V. 67, p. 738. Automatic signals on Harriman system, V. 83, p. 42.

STOCK.—In Jan. 1906 stockholders subscribed to \$250,000 new com. stock at \$75 per \$50 share, raising the amount outstanding to \$1,748,700. Pref. is entitled to 1% above 6% for every 1/2% on com. until 12% is reached, then both stocks share alike.

DIVIDENDS (since 1898) %	'99	'00	'01	'02	'03	'04 to Oct '06
On pref.	6 7/8	8	8	9	10	(Q.-J.)
On com.	0	3	4	6	8	(Q.-J.)

REPORT.—Report for cal. year 1905 in V. 82, p. 567, showing: Gross, \$2,980,890; surp. over int., \$409,667; divs. on com. (8%), \$119,936; div. on pref. (10%), \$49,760; sur., \$239,971. In 1904, gross, \$2,486,840. Pres., George Westinghouse; Sec. and Treas., James Johnson. Office Swissvale Pa.—(V. 82, p. 52, 105, 567; V. 83, p. 42.)

UNION TYPE WRITER.—Organized in 1893 in N. J. A combination including Wyckoff, Seamans & Benedict (Remington), Yost Writing Machine, American Writing Machine (Calligraph), Smith Premier Typewriter and Densmore Typewriter cos. V. 79, p. 1481.

DIVS.	'93	'94	'95	'96	'97	'98	'99	'00	'01	'02	'03	'04	'05	'06
1st pref.	3 1/2	7	7	7	7	7	7	7	7	7	7	7	7	7
2d pref.	0	0	6	6	8	8	8	16	16	8	8	8	8	8
Com. stk.										6	6	6	6	6

Pres., Clarence W. Seamans; Sec., Geo. K. Gilluly. Office, Jersey City, N. J. New directors, March 1906, V. 82, p. 701.—(V. 82, p. 701.)

UNITED BANK NOTE CORPORATION.—ORGANIZATION.—Incorporated in N. Y. Feb. 20 1906 as successor per plan, V. 81, p. 1851, 1794, of American Bank Note Co. Stockholders of the old company received per share one share of com. and one share of pref. of the new company; also having the right to subscribe pro rata for \$400,000 of new pref., with 100% com. as bonus at the rate of \$75 per share (par \$50) to supply \$600,000 for working capital and investment fund. In Jan. 1906 more than a majority of the stock was deposited and the plan was declared effective. Proposed new plant, V. 83, p. 499.

STOCK.—No lien shall be created or additional stock issued without the assent of 80% of each class of stock. Of the stock \$500,000 of each class is available for future purposes.

DIVIDENDS (old co.)	'02 to '04	'05 to '08	'09	'00 to Sept '06 Inc
Per \$50 share	\$4 yrly.	\$3 yrly.	\$3 50	\$3 yrly; see below

Payable (50c.) 1% each in M. & S. and (\$1) 2% each in J. & D.

Div. on pref. stock of United Co., 1 1/2% each, paid July and Oct. 1906; on common, 1% Aug. 15 1906.

REPORT (old Co.)—For cal. year 1905, profits (after deducting cost of new machinery), \$765,006; charged off (real estate, &c.), \$114,543; reserves for depreciation in investment acct. (\$50,000), special machinery (\$30,000), &c., \$100,000; dividends paid, \$216,000; bal., sur., \$334,463.

Office, 78-86 Trinity Place, N. Y.—(V. 82, p. 1383; V. 83, p. 162, 199.)

UNITED BOX BOARD & PAPER CO.—ORGANIZATION.—Incorporated in N. J. on May 28 1902 and took over as of Jan. 1 1902, per plan V. 74, p. 375, 26 leading strawboard and box-board plants in the country having a capacity of 1,359 tons daily; also acquired \$5,788,300 of the \$6,000,000 American Strawboard Co. stock and entire stock of Kleckerbocker Pulp & Paper Co., with a daily capacity of 40 tons of pulp. V. 74, p. 1041; V. 75, p. 1358; V. 80, p. 226. Owns entire 2,000 shares of Uncas Paper Co., Norwich, Conn.

Div. on pref., 1 1/4%, paid Dec. 15 1902; none since to Oct. 1906. V. 76, p. 658, 1038.

BONDS.—The shareholders on Dec. 18 1905 authorized \$2,750,000 gen. mtge. 6% bonds, with s. f. \$50,000 annually beginning 1907 to draw bonds by lot; also \$1,750,000 collat. trust 6% gold bonds, to be secured by deposit of majority interest (\$5,788,200) in the Amer. Strawb. Co. stock repurchased from friends of the co., with a like s. f. beginning Oct. 1908. The gen. mtge. bonds were used to take up the existing mtge. debt, the balance being reserved for underlying liens, aggregating about \$1,000,000 on 14 of the plants (see list V. 75, p. 1304), viz.:

MISCELLANEOUS.	Date of Bonds	Size, or Par Value.	Amount Outstanding	INTEREST OR DIVIDENDS.			Bonds—Princ- pal, When Due. Stocks—Last Dividend.
				Rate %	When Payable.	Where Payable, and by Whom.	
Union Ferry—Stock		\$100	\$3,000,000	See text.	Q—J	Company office, Bklyn	Oct 1 '06 1/2 %
First mortgage gold red at 110 since Nov 1 1895	1890	100 &c	2,200,000	5 g	M & N	Corn Exch Bank, N Y	Nov 1 1920
Union Steel—1st & coll M \$45,000,000 g gu s f	1902	1,000 &c	35,876,000	5 g	J & D	N Y Trust Co, N Y	Dec 1 1952
Union Stock Yards of Omaha—Stock \$7,500,000		100	7,500,000	6 ln 1905	Q—M		June 1 '06 1 1/2 %
Union Switch & Signal—Common stock \$2,500,000 auth		50	1,748,700	8 ln 1906	Q—J	Checks mailed	Oct 10 '06 2 %
Preferred stock (see text)		50	497,600	10 in '06	Q—J	do	Oct 10 '06 2 1/2 %
1st consol mortgage gold due \$50,000 July 1 yearly	1898	1,000	319,000	5 g	J & J		July 1907 14
Union Typewriter—Common stock		100	10,000,000	6 ln 1906	A & O	Check from Co's office	Oct 1 '06 3 %
First 7 % preferred stock cumulative		100	4,000,000	7 ln 1906	A & O	do do	Oct 1 '06 3 1/2 %
2d pref stock 8 % cumulative \$6,000,000 authorized		100	5,015,000	8 ln 1906	A & O	do do	Oct 1 '06 4 %
United Bank Note Corporation—Common stock \$5,000,000		50	4,000,000				Aug. 15 '06, 1 %
Preferred 6 % cumulative \$5,000,000 (also as to assets)		50	4,000,000	See text.	Q—J		Oct 1 '06 1 1/2 %
Amerlean Bank Note debentures gold	1902	1,000	833,000	4 1/2 g	A & O	Bowl Green Tr Co, N Y	Apr 1 1952
United Box Board & Paper—Common stock \$14,018,500		100	13,896,433				
Preferred 7 % cumulative \$14,948,900		100	14,771,459	See text.	See text.		Dec 15 '02 1 3/4 %
Gen M \$2,750,000 g red par, s f \$50,000 yearly	Tac* 1906	250 &c	1,750,000	6 g	J & J	New York	Jan 1 1926
Collateral trust bonds \$1,750,000 redeemable at par	Tac* 1906	100 &c	1,300,000	6 g	J & J	15	Jan 15 1926
United Copper—Common stock \$75,000,000 authorized		100	45,000,000	7 ln 1906	Q—J	42 Broadway, N Y	Oct 31 '06 1 3/4 %
Stock 6 % gold cumulative preferred, can be called at 125		100	5,000,000	6 ln 1905	M & N	do do	May 15 '06 3 %
United Fruit—Stock \$20,000,000		100	17,826,000	7 ln 1906	Q—J	15 Co's office, Boston	Oct 15 '06 1 3/4 %
Debentures gold conv red at 110 after Jan 1903	OB 1901	1,000	1,955,000	5 g	M & S	Old Colony Tr Co, Boston	Sept 1 1911
No Ry of Costa Rica 1st M g red 105 s f & Int gu	OB.c* 1900	1,000	1,137,000	5 g	M & S	do do	Sept 1 1915
United Gas Improvement Co—Stock \$45,906,250		50	45,06,250	8	Q—J	15 Philadelphia office	Oct 15 '06 2 %
United Shoe Machinery Corp—Common stock \$35,000,000		25	16,248,900	8 ln 1906	Q—J	15 Check from Co's office	Oct 15 '06 2 %
Preferred stock 6 % cumulative \$15,000,000		25	9,303,950	6 ln 1906	Q—J	15 do do	Oct 15 '06 1 1/2 %
U S Cast Iron Pipe & Foundry Co—Com stock \$15,000,000 au		100	12,500,000	4 in 1906	See text.	Office 71 Broadway, N Y	Oct 1 '06 1 %
Preferred stock 7 % non-cumulative		100	12,500,000	7 ln 1906	Q—M	do do	Oct 1 '06 1 3/4 %
U S Cotton Duck—See Consolidated Cotton Duck Co							

Traders' Paper Co., N. Y., 6s, \$200,000, due by Nov. 1919; Thompson Pulp & Paper Co., N. Y., 6s, \$200,000; Somerset & Kennebec Co., Me., \$338,000; Tylus Paper, &c., O., \$122,500; Wabash Paper Co., Indiana, \$200,000; Peoria Strawboard Co., Ill., 6s, \$100,000; Wilson et al., Conn., \$58,300, &c.

Amer. Strawboard Co. has outstanding \$265,000 1st s. f. fund gold 6s, due Feb. 1 1911, Int. paid F. & A., at Internat. Tr. Co., Boston. Bal. sheet Amer. Strawboard Co. Dec. 31 1905. V. 82, p. 451.

REPORT.—Report for the year ending Dec. 31 1905, including subsidiary cos., was in V. 82, p. 450, showing: Gross profits, \$912,804; net profits over interest, repairs, &c., \$474,078.

DIRECTORS.—O. C. Barber (Pres.), S. B. Fleming (Vice-Pres.) and Gen. Mgr., C. S. Merrill, A. H. Ivins, L. A. Wiley, D. McCallay, Charles D. Brown, J. K. Robinson, A. H. Dougall, C. H. Palmer and Willard A. Holman. Office, 111 1/2 Broadway, N. Y.—(V. 83, p. 327, 499.)

UNITED COPPER CO. OF NEW JERSEY.—ORGANIZATION.—Incorporated in N. J. on April 28 1902, and owns about 95 % of stock and all the bonds of the Montana copper properties developed by F. Augustus Helnze and associates. In Feb. 1906 the leading mines were acquired by Amalgamated interests and associates and vested in the Red Metal Mining Co., an operating company with \$11,000,000 stock, the latter being all owned by the Butte Coalition Mining Co., incorporated Feb. 24 1906 with \$15,000,000 stock (par of shares, \$100). V. 82, p. 396, 511, 755, 991. Assets April 1906, V. 82, p. 991. Surplus over stock paid in may be used in acquiring company's bonds, other obligations or shares. V. 82, p. 991.

STOCK authorized, com., \$75,000,000; present issue, \$45,000,000; balance being reserved for new properties; pref., 6 % cum.; \$5,000,000. Par of shares, \$100. V. 75, p. 139. Div. on pref. paid Nov. 1902 to May 1906, incl., 6 % yearly (M. & N.). Div. on com., 1/2 % and 1/2 % extra paid July 31 1905; Jan. to Oct. 1906, both incl. quarterly, 1 1/4 % and 1/2 % extra. V. 82, p. 639.

Report for year ending June 1 1906 in V. 82, p. 1320, showed: Total income, \$3,011,620; taxes and general expenses, \$316,533; div. on pref. stock (6 %), \$300,000; div. on com. stock (4 1/2 %), \$2,025,000; bal., sur., \$370,087.

OFFICERS.—Pres., F. Augustus Helnze; Vice-Pres., Arthur P. Helnze; Treas. and Sec., Stanley Gifford. Office, 42 Broadway, N. Y.—(V. 82, p. 396, 513, 639, 754, 991, 1320, 1501.)

UNITED ELECTRIC CO. OF NEW JERSEY.—See "Street Ry." Section.

UNITED EL. L. & POWER CO., N. Y.—See Consolidated Gas.

UNITED FRUIT CO.—ORGANIZATION.—Incorporated in N. J. on March 30 1899 to control the tropical fruit business.

Official statement, V. 69, p. 854. Properties owned, see reports V. 71, p. 1011, 1020; V. 73, p. 1060, and V. 77, p. 2096; V. 79, p. 2475; V. 81, p. 1548; V. 74, p. 1095; V. 75, p. 621. Northern Ry. of Costa Rica, see V. 71, p. 1067; V. 75, p. 851; V. 80, p. 223; V. 81, p. 614. Niipe Bay Co., V. 81, p. 215; V. 82, p. 1382.

STOCK.—In April 1905 issued \$1,503,000 stock at 104, making outstanding \$1,748,500. V. 79, p. 156, 632; V. 80, p. 1001, 1062.

DIVIDENDS.—Oct. '99, 1900, 1901, 1902, 1903, 1904, 1905, 1906. Per cent. 2 1/2, 10, 8, 7, 7, 7, 7.

BONDS.—Debentures are convertible into stock at the option of the holder, and are subject to call in whole or in part at option of company. V. 73, p. 240, 295, 496; V. 75, p. 803; V. 79, p. 156. To Oct. 1906 \$1,895,000 of the \$4,250,000 bonds were converted and \$400,000 purchased for s. f. and canceled; of the remainder outstanding, \$150,000 were owned by a subsidiary company. As to Elder & Fyffes Shipping Co., see V. 77, p. 41.

EARNINGS.—Preliminary statement for year ending June 30 1906 (partly estimated) was in V. 83, p. 624, showing total net income, \$3,647,000 against \$1,632,805 in 1904-05; dividends (7 %), \$1,233,000; bal., sur., \$2,414,000 against \$463,014.

REPORT.—Report for year ending Sept. 30 1905 was in V. 81, p. 1548, 1561, 1615.

Fiscal Year.	Net Earnings.	Earnings Sub. Cos.	Miscel. Charges.	Dividend on Stock.	Balance, Surplus.
1904-05	\$1,446,914	net \$170,807	\$15,085	(7) \$1,167,792	\$465,014
1903-04	1,804,895	net 272,880	137,425	(7) 967,675	972,674

DIRECTORS.—Andrew W. Preston (Pres.), Minor C. Kelth (V.-P.), Charles A. Hubbard (Treas.), Bradley W. Palmer (Sec.), Lorenzo D. Baker, John S. Bartlett, Reginald Foster, Francis R. Hart, James A. Jones, Hugh Kelly, Kenneth K. McLaren, Wm. S. Spaulding, James J. Storrow, Henry O. Underwood and Samuel Untermyer. General offices, 131 State St., Boston, Mass.—(V. 81, p. 1615; V. 83, p. 624.)

(THE) UNITED GAS IMPROVEMENT CO.—Organized 1882 in Pa.; reorganized in 1885. Charter is perpetual and business is the building, leasing and operating of gas works (see list in 1900; V. 70, p. 1000, 944); also interested in certain trolley lines and electric-lighting properties; also owns Kansas natural gas properties. See list and capitalization of operating cos. in V. 79, p. 498, and editorial, p. 478; V. 79, p. 2090; V. 80, p. 2342; V. 81, p. 977, 1727; V. 82, p. 1160, 1444; V. 83, p. 42, 499.

STOCK.—The stockholders voted on May 14 1906 to increase the stock from \$36,725,000 to \$45,906,250, the new stock being offered to stockholders at par for extensions and acquisitions, including, it is understood, about a one-third interest in the Public Service Corporation of N. J., payment to be made \$20 per share June 15, \$10 Aug. 15, \$10 Oct. 15 and \$10 Jan. 1 1907, or optionally in full June 15. V. 82, p. 396, 1105, 1160.

DIVIDENDS.—Since 1888 8 % per annum, payable quarterly. In Jan. 1896 paid extra dividend of 15 % in convertible scrip.

REPORT for 1905 in V. 82, p. 1101, showed profits of \$5,070,165; dividends (8 %), \$2,938,000; bal., sur., \$2,132,165.

DIRECTORS.—C. A. Griscom, Samuel T. Bodine, W. W. Gibbs, Randal Morgan, George Philler and Samuel R. Shipley. Pres., Thomas Dolan; 4th V.-P. and Treas., Lewis Lillie; Sec., W. F. Douthirt, Broad and Arch streets, Phila.—(V. 82, p. 1160, 1444; V. 83, p. 42, 217, 499.)

UNITED LEAD CO.—In 1906 merged with National Lead Co.—(V. 82, p. 695.)

UNITED SHOE MACHINERY CORPORATION.—ORGANIZATION.—Incorporated in N. J. on May 2 1905 as successor of the company of the same name per plan, V. 80, p. 1862. Properties, V. 68, p. 333, 430; V. 74, p. 430; V. 75, p. 851; V. 77, p. 255; V. 80, p. 1486. The old pref. received par in new pref. and 1 1/2 % cash and the com. 150 % in new com. and 3 % cash. Over 95 % of the stock of old co. was acquired. V. 81, p. 564.

STOCK.—In Oct. 1906 it was proposed to shortly offer the common stockholders \$1,624,900 common stock at par to pay for additions to plants. V. 83, p. 822.

The preferred is entitled in the event of dissolution to \$35 per \$25 share and all accrued dividends in preference to the common stock. Dividends were paid on the old stock at the rate of 8 % on the common and 6 % on

the preferred from organization in Feb. 1899 to July 1905, inclusive. On new stock, 1 1/2 % on preferred and 2 % on common paid Oct. 1905 to Oct. 1906, both inclusive. V. 81, p. 901.

EARNINGS.—Report for year ending Mch. 1 1906 in V. 82, p. 1436. Report of old company for year ending Mch. 1 1905, V. 80, p. 2456.

DIRECTORS.—Sidney W. Winslow (Pres.), Geo. W. Brown (Treas.), Frank L. Babbott, William Barbour, Louis D. Brandels, J. H. Hanan, E. P. Rowe, E. P. Hurd, G. E. Kelth, J. C. Kilham, R. Matz, J. Harsen Rhoades, W. F. Robinson, J. J. Storrow, A. R. Turner Jr., Samuel Wood, Frank Wood and Robert Treat Paice, 2nd. Sec. is Louis H. Baker, of Boston, Albany Building, Boston, Mass.—(V. 80, p. 1862, 1922, 2456, 2463; V. 81, p. 159, 564, 901; V. 82, p. 1436, V. 83, p. 217, 822.)

UNITED STATES CAST IRON PIPE & FOUNDRY CO.—ORGANIZATION.—Incorporated in New Jersey on March 13 1899 per plan in V. 81, p. 233; V. 69, p. 757; V. 71, p. 1124.

DIVIDENDS (5 %). 1899, 1900, 1901-1903, 1904, 1905, 1906. On preferred Dec. 1 1/4, 5 1/2, 4 yearly, 4 1/2, 8, 7. On common 0, 0, 0, 0, 1, 4. On pref in 1905 Mar 1 3/4 %; June, 1 3/4 %; July, 1, making 7 % for year 1904-05; Sept., 1 3/4 %; Dec., 1 3/4 %; in 1906, 7 % (Q-M).

BONDS.—Underlying bonds American Pipe & Foundry Co., \$1,194,000 6s (Int. J. & J.), due 1928.

REPORT.—Report for year ending May 31 1906, with balance sheet, in V. 82, p. 1494, showed: Total income, \$2,053,208; int. on bonds, \$90,000; reserves, \$207,000; div. on pref. (7 %), \$875,000; div. on common stock (4 %), \$500,000; bal., sur., for year, \$381,208.

OFFICERS.—Pres., George B. Hayes; Vice-Pres., Geo. J. Long; Sec. and Treas., B. F. Houghton, 71 Broadway.

DIRECTORS.—Geo. B. Hayes, Colgate Hoyt, A. C. Overholt, B. F. Overholt, C. E. Burke, E. C. Fuller, A. N. Brady, George J. Long, P. J. Goodhart, D. Giles, W. T. C. Carpenter, B. F. Houghton, E. R. Thomas and L. R. Lemolne.—(V. 80, p. 169; V. 81, p. 30, 36, 1178; V. 82, p. 1494.)

UNITED STATES COAL & OIL CO.—ORGANIZATION.—Name was changed from United States Oil Co. on June 2 1902, and the Island Creek Coal Co. of West Va. absorbed, per plan V. 74, p. 1146. Owns in fee 30,000 acres of bituminous coal lands in Logan and Mingo counties, W. Va., and built a 10-mile railroad. In Jan. 1904 oil properties were sold, V. 77, p. 2163; V. 78, p. 346; V. 80, p. 710.

Stock increased June 1902 from \$2,500,000 to \$6,250,000; outstanding, \$6,000,000; par \$25. Dividend of \$1 (of which 50 cents extra) per share paid April 1, July 1 and Oct. 1 1899; 1900, Jan. 1, \$1 25 (of which 50c. extra; Apr. 2, 50c.; July 2, 50c.; Oct. 1, 50c. None since to Oct. 1906. V. 71, p. 1273. Report for 1903-04, V. 80, p. 710. Pres., Albert F. Holden, Cleveland, O.; Sec. and Treas., F. W. Batchelder, State Mutual Bldg., Boston.—(V. 78, p. 346; V. 80, p. 710.)

UNITED STATES COTTON DUCK CORP.—See Cons. Cotton Duck Co.

UNITED STATES ENVELOPE.—Incorporated in 1898 under the laws of Maine. Absorbed ten companies named in V. 66, p. 1003, producing over 90 % of the commercial envelopes in the United States. Output 17,000,000 daily; capacity over 20,000,000 daily. Mortgage bonds \$2,000,000. See V. 66, p. 1003; V. 67, p. 179. Debentures, V. 74, p. 385. Dec. 1898 paid 2 % on pref.; March 1899 to Sept. 1901, incl., 7 % per annum (Q-M); 1902 to March 1906, inclusive, 5 % yearly (M. & S.); Sept. 1906, 3 %. V. 83, p. 384.

Report for year ending June 30 1906, with balance sheet, in V. 83, p. 378, showed, net profits, \$562,827; int. on bonds, \$130,721; pref. div. (5 1/2 %), \$206,250; slak. fund, deprec., etc., \$183,710; balance, surplus, \$142,146.

OFFICERS.—Pres., C. H. Hutchins, Worcester, Mass.; Treas., Wm. O. Day, Springfield, Mass.; Sec., W. M. Wharfield, Springfield, Mass. Directors Sept. 1905 V. 77, p. 774.—(V. 79, p. 785; V. 81, p. 666; V. 83, p. 378, 384.)

UNITED STATES EXPRESS.—An "association" organized under the laws of New York State in 1854; not incorporated. Operated July 1905 on about 30,000 miles of railroad in the United States. United States Realty Co., subsidiary, V. 81, p. 269, 564, 977.

DIVIDENDS.—'92, '93, '94, '95, '96-'00, '01, '02, '03, '04, '05, '06. Since 1892, 2, 4, 2, 0, 3 yearly, 3 1/2, 4, 4, 4, 4 May, 2.—(V. 79, p. 1026; V. 81, p. 269, 564, 977; V. 83, p. 163, 277.)

UNITED STATES LEATHER.—See Central Leather Co.

UNITED STATES MORTGAGE & TRUST CO.—Chartered in 1871. Formerly United States Mortgage Co.; present name assumed Feb 23 1895.

STOCK.—Capital stock is \$2,000,000; par, \$100. Surplus, \$4,000,000; undivided profits July 1 1906, \$728,305.

DIVIDENDS.—In 1894 6 %; 1895, 6 %; 1896, 6 %; 1897, 6 %; 1898, 7 1/2 %; 1899, 10 %; 1900, 10 %; 1901, 12 %; 1902, 15 %; 1903, 16 %; 1904, 20 %; 1905, June, 10 %; Dec., 12 %; 1906, June, 10 %.

BONDS.—The series of mortgage trust bonds, \$1,000,000 each, are secured by deposit with trustee of first mortgages on improved city real estate "in amounts at least equal to the bonds outstanding." See application to list \$5,000,000 bonds in V. 67, p. 487.

OFFICERS.—Pres., George M. Cumming; Vice-Pres., Luther Kountze J. W. Platten and Samuel S. Campbell; Treas., Carl G. Rasmus; Sec., Calvert Brewer.—(V. 75, p. 81, 347.)

UNITED STATES REALTY & IMPROVEMENT CO.—ORGANIZATION.—Incorporated in N. J. on May 26 1904 and in May 1906 had acquired per plan in V. 78, p. 2019, \$32,736,000 of the \$33,198,000 com. stock and \$26,596,200 of the \$27,011,100 pref. stock of the U. S. Realty & Construction Co. See list of assets, etc., in V. 80, p. 2340; also statement to N. Y. Stock Exch. V. 75, p. 1200. See V. 77, p. 297, 953, 2103, 2396; V. 78, p. 51; V. 82, p. 1274. The old stock (par, \$100) received: The pref. \$42 50 in new stock and \$50 in debentures and the com. stock \$15 in new stock. In Dec. 1905 a majority of the \$2,000,000 Century Realty stock was acquired; also has large interest in Alliance Realty Co. V. 81, p. 1798; V. 82, p. 1209; V. 83, p. 822.)

SECURITIES.—Of the stock \$13,506,000 is reserved for conversion of the bonds. No general mortgage can be made without first securing the principal and interest of the debentures by mortgage. If less than all of the outstanding debentures is redeemed at any time, the numbers drawn shall be determined by lot.

REPORT.—Report for year ending April 30 1906, with balance sheet was in V. 82, p. 1209, showing: Total profits, \$2,318,922; operating expenses and taxes, \$363,487; interest, depreciation, &c., \$509,500; net earnings, \$1,445,935; interest on debts, &c., \$580,789; bal., sur., \$765,146.

DIRECTORS.—James Stillman, H. S. Black, C. M. Schwab, P. A. Valentine, Henry Budge, John W. Gates, James H. Post, Frank H. Ray, Edwin Hawley, Stephen S. Palmer, R. G. Babbage, Portland Betts and Wm. F. Havemeyer, Chas. T. Barney, W. H. Chesebrough, John D. Crimmins, Oakley Thorne and B. M. Fellows.

OFFICERS.—President, H. S. Black; Vice-Presidents, R. G. Babbage, W. H. Chesebrough; Secretary, R. G. Babbage and C. G. Dalley; Treasurer

MISCELLANEOUS. Table with columns: For explanation of column headings, &c., see notes on first page of tables. Date of Bonds, Size, or Par Value, Amount Outstanding, Interest or Dividends (Rate %, When Payable, Where Payable, and by Whom), Bonds—Principal, When Due, Stocks—Last Dividend.

B. M. Fellows; Ass't Treas., H. O. Winsor Jr. Office, 111 B'way, N. Y.— (V. 82, p. 1209, 1274, 1326, 1383; V. 83, p. 822.)

UNITED STATES REDUCTION & REFINING CO.—See Sec. July '06.

UNITED STATES RUBBER.—ORGANIZATION AND PROPERTY.—Organized under laws of New Jersey in April 1892 for the manufacture of rubber boots and shoes, etc. Application to N. Y. Stock Exch. in 1892, V. 55, p. 1039; see V. 56, p. 539; V. 71, p. 545. In 1893 acquired five additional concerns. In Sept. 1898 purchased the stock of the Boston Rubber Shoe Co.; see V. 67, p. 905; V. 67, p. 691, 738, 802, 905. Mishawaka Woolen Mfg. Co., it is understood, is controlled by friendly interests in March 1906 control of the Atlantic Rubber Shoe Co. was acquired. V. 82, p. 575, 1501. English subsidiary, Wm. Symington & Co., Ltd., V. 83, p. 629. As to control of Rubber Goods Mfg. Co., see STOCK, below.

STOCK.—First pref. stock has preference as to assets and dividends; 2d pref. only as to dividends; bonded debt can be created only with consent of three-fourths in interest of each kind of stock present at a meeting called for the purpose. V. 82, p. 52. See editorial May 1893 "Supplement."

The stockholders voted on May 25 1905 to increase the 1st pref. stock from \$25,000,000 to \$40,000,000, and to create an issue of \$10,000,000 of 2d pref. stock in connection with the purchase, through a syndicate, of Rubber Goods Mfg. Co. stock, per plan V. 80, p. 1977. In Sept. 1906 over 90% of the Rubber Goods Co. stock had been acquired, \$8,497,500 U. S. Rubber 1st pref. and \$9,843,600 2d pref. having been issued on account of such acquisition. See V. 82, p. 1100. In Jan. 1906 \$5,000,000 1st pref. was sold to a syndicate. V. 82, p. 285, 513; V. 83, p. 443.

Table with columns: Div's, p. et., '96, '97, '98, '99, '00, '01, '02-'03, '04, 1905, 1906. Rows: Common, 1st pref, 2d pref.

Div. on 1st pref. in 1905, Mch., 1 1/2%; May, 2% and 1 1/2% extra, making 8% for fiscal year 1904-05; Aug., 2%; Oct., 2%; in 1906, 8%. On second preferred, 1 1/2%, paid Oct. 31 1905; in 1906, 8% (Q-J).

NOTES AND BONDS.—The funding notes of 1902 are secured by deposit of notes of the subsidiary cos. aggregating \$12,000,000, and were issued to discharge the floating debt, incl. that of the subsidiary cos. Under the trust instrument the net quick assets of all the cos., excluding real and fixed properties, shall never be less than \$15,000,000; in addition the value of the 16 plants all unencumbered, was estimated at \$12,500,000. Of the notes, \$4,000,000 have been retired, reducing amount to \$8,000,000, and the balance extended to March 1 1908. V. 74, p. 684, 733; V. 79, p. 1615.

The General Rubber Co., with \$3,000,000 stock, the crude rubber subsidiary, in July 1905 sold \$9,000,000 4 1/2% bonds guaranteed by U. S. Rubber and Rubber Goods Mfg. companies, of which \$6,000,000 will be issued at present. V. 81, p. 36, 1103; V. 82, p. 1100; V. 83, p. 690.

EARNINGS.—For 6 months ending Sept. 30 1906, net earnings (Sept. estimated), including dividends on Rubber Goods Mfg. preferred stock owned (\$413,641) were \$2,136,000; in 1905, \$2,005,887.

REPORT.—Report for year ending Mch. 31 1906 in V. 82, p. 1100.

Table with columns: Fiscal Yr., All Cos., Operating profits, Other income, Interest, All Add'ns to sur., Bad debts, &c., Balance. Rows: 1905-06, 1904-05.

\* Includes interest on loans, \$900,790; int. on B. R. Shoe debentures, \$240,000; interest allowed customers, \$193,786.

From the surplus as above in 1906 there was paid 8% dividends on first preferred, and at the rate of 6% on the 2d preferred issued during the year, \$2,846,092, leaving a balance for the year of \$1,035,178.

DIRECTORS.—Samuel P. Colt, H. E. Converse, James B. Ford, J. Howard Ford, J. D. Vermeule, Henry L. Hotchkiss, Lester Leland, Fred'k M. Shepard, Frank S. Hastings, Costello C. Converse, Walter S. Ballou, Francis Lynde Stetson, Francis L. Hine, A. N. Brady, E. C. Benedict, Wm. H. Truesdale, Chas. H. Dale, Arthur L. Kelley and John J. Watson Jr. Pres., Samuel P. Colt; 1st V.-P., James B. Ford; 2d V.-P., Lester Leland; Sec., Samuel Norris; Asst. Sec., John D. Carberry; Treas., John J. Watson Jr.; N. Y. office, 42 Broadway.—(V. 83, p. 704, 822.)

UNITED STATES SMELTING REFINING & MINING CO.—ORGANIZATION.—Incorporated Jan. 10 1906 in Maine and acquired over 99% of the \$13,989,300 U. S. Mining Co. stock per plan V. 82, p. 105. A syndicate consisting of Lee Higginson & Co. of Boston and others underwrote \$7,500,000 common stock, issued for cash. The U. S. Mining Co. owned the group of mines in Bingham, the Centennial-Eureka mine at Tintle, a large lime quarry, the Mammoth mine in Kennett, Cal., a copper and lead smelter in Utah, a copper smelter at Kennett, and a controlling interest in the DeLamar refinery at Chrome, N. J. The new co. acquired over 90% of stock of Real Def Monte Mining Co., owning mine at Pachuca, near City of Mexico. V. 82, p. 396. Also owns control of American Exploration Co. and substantial interest in Richmond-Eureka Mining, Eureka, Nevada.

STOCK.—Stockholders were offered the right to subscribe pro rata at par for each until Oct. 26 1906, payable in four equal installments Oct. 26, Nov. 26 1906, Jan. 21 and Feb. 21 1907, for \$2,503,400 each of common and preferred stock, raising the amounts outstanding to \$17,523,650 common and \$23,476,350 preferred stock. V. 83, p. 912.

DIVIDENDS.—Dividends on preferred, 8 1/2 cents per share, 1 3/4% (quar.), paid April to Oct. 1906, incl.

EARNINGS.—Report of U. S. Mining Co. for year ending June 30 1905 (V. 82, p. 105) showed net earnings of \$1,092,988. V. 82, p. 222; V. 83, p. 912.

OFFICERS.—Pres., Wm. G. Sharp; V.-P., Wm. H. Coolidge; Sec. and Treas., F. Winthrop Batchelder; Managing Director, A. F. Holden, Cleveland, O. Main office, Salt Lake City. President's office, 50 Congress St., Boston. Directors, V. 82, p. 105.—(V. 82, p. 632, 701; V. 83, p. 912.)

UNITED STATES STEEL CORPORATION.—ORGANIZATION.—Incorporated in New Jersey on Feb. 25 1901, and acquired, mostly per plan in V. 72, p. 441, 679 (see also V. 73, p. 349), practically all the stock of—

Table with columns: Federal Steel, com, do, National Tube, com, do, National Steel, com, do, Amer. Bridge, com, do, Amer. St. & Wire, com, do, Carnegie. Rows: Total stock, Amer. Tin Plate, com, Amer. Steel Hoop, com, Amer. Sheet St., com, L. Superior Con. I. Mines, Shelby Steel Tube, com, Union Steel Co.

PROPERTIES OWNED.—The properties owned Dec. 31 1905 were: 93 blast furnaces, 16 open-hearth and 16 Bessemer steel plants, 7 steel rail mills, 52 bar, billet, &c., mills in 26 plants; 15 structural shape mills in 6

plants; 14 plate mills in 6 plants; 5 plants, comprising 114 puddling furnaces; 60 merchant mills, producing bar iron, steel, &c. in 17 plants; 33 plants, comprising 439 hot mills, producing tin plate, &c.; 24 rod mills, in 13 plants; 23 wire plants, 18 (welded and seamless) tube plants, 22 bridge and structural plants, 24 complete foundries, 38 skelp mills, 31 miscellaneous armor, axle, &c., works; extensive iron ore mines in the Lake Superior region; 63,694 acres of coking coal and 19,809 acres of surface and 18,257 beehive coke ovens, &c., in Westmoreland and Fayette counties, Pa.; 357 bi-product coke ovens at Benwood, W. Va., and Sharon and South Sharon, Pa.; 32,724 acres of steam and gas coal lands, &c., railroads, lake vessels, ore docks, natural gas lands, &c.

The output of the company in 1905 (see V. 82, p. 636) is shown below:

Table with columns: Output, Gross tons, Fin. Prod.—(Concl), Gross tons. Rows: Iron ore, Pig iron, spiegel, &c., Bessemer steel, Open-hearth steel, Coke, manufactured, Coal (not used for coke), Bessemer steel rolls.

On Jan. 1 1903 took over the entire capital stock of the new Union Steel Co., \$45,000,000 of new 5% bonds being guaranteed, principal and interest. See that company on a preceding page. V. 75, p. 1359; V. 76, p. 107, 546; V. 78, p. 1174. In May 1904 the Clairton Steel Co. was acquired, the Steel Corporation guaranteeing \$10,230,000 bonds already issued and assuming \$1,666,715 mtges. on real estate, coal lands and mining properties. The Crucible Steel Co. agrees to take 120,000 tons of steel yearly for 10 years and about 80,000 tons of pig on a sliding scale. V. 78, p. 1552, 2019; V. 79, p. 1283. In April 1905 Hecla Coke Co. was acquired. V. 80, p. 1738. In April 1906 the Indiana Steel Co. began to build a new plant at Gary, in Lake County, Ind., with an annual capacity of 1,750,000 tons of finished steel, to cost about \$75,000,000; a considerable portion may be provided by the sale of bonds, but in May 1906 it was stated none would be issued for some time. V. 82, p. 575, 637, 702, 991, 1216.

In Oct. 1906 a lease of the ore lands of the Great Northern Ry. on a royalty basis was arranged, to continue until the ore is exhausted. Minimum tonnage to be mined, 750,000 in 1907, increasing 750,000 yearly until 8,250,000 is reached; cost to be \$1 65 per ton with 3.4 cents per ton increase annually. V. 83, p. 822, 912.

STOCK.—As to retirement of \$150,000,000 of \$510,281,100 preferred stock, see bonds below. Large stockholders May 1905, V. 75, p. 81.

DIVIDENDS.—On pref., 1 3/4% quar. paid Aug. 1901 to Aug. 1906 incl. On com., 1% quar. Sept. 1901 to Sept. 1903; Dec., 1/2%; 1904 and 1905, none; Oct. 1 1906, 1%, being 1/2% for quarter ending March 31 and 1/4% for quarter ending June 30 1906. V. 83, p. 267.

BONDS.—The collateral trust 5% bonds of 1901 were secured by all the securities owned: \$154,000,000 only (series A, C and E) are subject to call in whole or part at 115% after April 1 1911; a sinking fund of \$3,040,000 yearly, beginning June 1 1902, can purchase bonds, if obtainable at not exceeding 115 and interest and after April 1 1911 may be applied to the redemption of series A, C and E bonds to be drawn by lot. In Jan. 1906, \$11,955,000, not included in amount shown in table above, had been so purchased and were held alive in sink fund. Carnegie holdings, V. 77, p. 2039.

In 1903 \$150,000,000 pref. stock was exchanged \$5 for \$4 for second mort. bonds, \$20,000,000 of the bonds being also sold at par to provide for improvements. The remaining \$30,000,000 bonds available for sale for cash are held in the treasury as an asset. The final \$50,000,000 (of the authorized issue of \$250,000,000 2d 5s of 1903) is applicable for exchange for preferred stock. See V. 76, p. 334, 439, 545, 1147, 1200; V. 77, p. 1717, 827, 1536, 2039; V. 78, p. 1173, 1786; V. 79, p. 1283.

The collat. trust 2d mort. 5s of 1903 issued as above (V. 74, p. 584, 733, 892; V. 76, p. 545) are next in rank and similar in form to the 5s of 1901. They are subject to call after ten years from date at 110 and int. in whole or part (if the latter to be designated by lot and coupon bonds to be redeemed first). An annual sink. fd. of \$1,010,000 will provide for retirement of the bonds. No foreclosure proceedings can be brought for default (in payment of prin. or int. continuing) for less than two years. In Jan. 1906 \$2,596,000 not included in table above was held alive in sinking fund. Amer. SS. bonds, V. 74, p. 1146; Pittsburgh SS. bonds, V. 75, p. 1305.

Bonds of Companies Controlled Not Mentioned in Table Above.

Table with columns: Interest, Outstanding, Maturity. Rows: Allegheny Furnace mortgage, Am Sheet Steel—Dewees Wood 1st M. 5 F. M. & N., Nor. Lake SS., due \$10,000 yearly, Host. Conn. Coke first mortgage, Host. Coke M. due \$12,500 Aug. yrly, Continental Coke purch. money Ms., Due \$100,000 yearly, Due \$37,000 yearly, Carnegie Co. collateral trust mort., Ohio Steel first mort., part yearly, Rosena Furnace first mortgage.

LATEST EARNINGS.—For 6 months ending June 30: Six Net over Int., s. f., Additions, Div. (3 1/2%) Div. (1%) Balance, mos. repairs, etc. depr. etc. constr., etc. on pref. stk. com. stk. surplus. 1906—76,759,523 24,351,579 29,000,000 12,609,838 5,083,025 5,715,081 1905—53,331,012 23,277,086 11,800,000 12,609,838 ————— 5,644,088

REPORT.—Report for year ending Dec. 31 1905 was given at length in V. 82, p. 624, 633; cdlit., p. 598.

Table with columns: 1905, 1904, 1903. Rows: Gross sales and earnings, Repairs, etc., and charges of subsidiary companies, Net earnings, Deduct—Sink. fd. of subsl. cos' bonds, do of U. S. Corp. bonds, Dep'n & ext'n. f'ds (reg. prov.), Extra repl't f'ds (reg. prov'n), Spec. fd. for imp'ts & exten., Set aside for construction, etc., Interest on U. S. Steel bonds, Deprec. in invest. & adj'ts., Dividend on pref. stock, do common stock, Balance, undivided earn'gs.

MISCELLANEOUS.		Date of Bonds	Size, or Par Value.	Amount Outstanding	INTEREST OR DIVIDENDS.				Bonds—Principal, When Due. Stocks—Last Dividend.
For explanation of column headings, &c., see notes on first page of tables.					Rate %	When Payable.	Where Payable, and by Whom.		
<b>United States Steel Corporation (Concluded)—</b>									
<i>Bonds of Companies Controlled.</i>									
Illinois Steel debentures (no longer convertible).....	Mp.c*	1890	\$1,000	\$2,872,000	5	J & J	do do	Jan 1 1910	
Non-convertible debentures "A" and "B".....	c	1893	500 &c	6,900,000	5	A & O	Office Empire Bldg, N Y	Apr 1 1913	
Union Steel Co—See second page preceding									
St Clair Furnace 1st M gold gu \$100,000 yearly.....	PPi.c*	1901	1,000	2,980,000	5 g	F & A	Colon Tr & Pitts, N Y	Aug 1910-39	
St Clair Steel 1st M g gu \$100,000 due yearly.....	UPi.c*	1901	1,000	1,900,000	5 g	J & J	Union Trust Co, Pittsb	Jan 1907-25	
Clarion Steel M gold p & l gu due \$500,000 yearly.....	UPi	1902	1,000	3,500,000	5 g	J & J	do do	July 1907-13	
Clarion Land 1st M due \$100,000 y'ly beg Aug 1915.....		1905	1,000	1,200,000	4.4 g	F & A	do do	Aug 1 1915-26	
St Clair Terminal RR first mortgage.....				938,000	5	F & A	Pitts Tr Co, Pittsb'gh	Feb 1 1932	
Elgin Joliet & Eastern 1st M (\$10,000,000) gold.....	Ce.c*	1891	1,000	8,500,000	5 g	M & N	do do	May 1 1941	
Duluth & Iron Range first mortgage.....	Mp.c&r	1887	1,000 &c	6,732,000	5	A & O	do do	Oct 1 1937	
2d mortgage, currency, red at 105, \$5,000,000.....	Ce.c*	1896	1,000	1,000,000	6	J & J	do do	Jan 1 1916	
Union RR, first mortgage.....		1896	1,000	2,000,000	5	M & S	Fidelity Title & Tr, Pitts	Sept 1 1946	
Duquesne equipment trust.....				1,150,000	5	M & S	Home Tr Co, New Jersey	Mch 1 1914	
Johnson Co of Pa 1st M red \$100,000 Sept 1 yearly.....	Us.c	1894	1,000	803,000	6	M & S	U S Trust Co, N Y	To May 1914	
American Steamship 1st M gold gu p & l end, s f.....	Is.c&r	1900	1,000	4,443,000	5 g	M & S	U S Tr & Sav Bk, Chicago	Nov 1 1920	
Pittsburgh Steamship mortgage, sinking fund red par.....		1900	1,000	1,876,000	5	J & J	Union Trust Co, Pitts	Jan 1 1915	
H C Frick Co M, s f red 105 \$100,000 yearly July 1.....	FPi		1,000	1,200,000	5 g	J & J	Bk of Amer, NY; or Pitts	July 1 1907-18	
Pittsburgh Bess & Lake Erie RR, Bess & L E and Dul Missa	be & N o. Ry.			See text.			under R Rs.—For other bonds,	see text.	
Virginia-Carolina Chemical—Stock, common \$38,000,000.....				100		Q—M	Checks mailed	June 1 '03 1 1/4 %	
Preferred (also as to assets) 8% cum \$20,000,000 auth.....				100		Q—J 15	do	Oct 15 '06 2 %	
Collateral trust M gold red 105 sinking fund (see text).....	Ce.c*	1902	1,000	5,500,000	5 g	A & O	Central Trust Co, N Y	Oct 1 1912	

**DIRECTORS.**—The directors are as follows:  
*To Feb. 1907.* J. P. Morgan, Henry Phipps, Henry H. Rogers, Thomas Morrison, Elbert H. Gary (Chrmn), George W. Perkins, Edmund C. Converse, James Gayley.  
*To Feb. 1908.* Marvin Hughitt, Daniel G. Reid, J. D. Rockefeller, Jr., William E. Corey, George F. Baker, Nathaniel Thayer, John F. Dryden, Clement A. Griscom.  
*To Feb. 1909.* Robert Winsor, Charles Steele, William H. Moore, Norman B. Ream, Peter A. B. Widener, James H. Reed, Henry C. Frick, William Edenborn.

**OFFICERS.**—Pres., W. E. Corey; 1st V.-P., James Gayley; Sec. and Treas., Richard Trimble; Comptroller, William J. Filbert.  
**FINANCE COMMITTEE.**—Geo. W. Perkins, Chairman; Henry H. Rogers, Norman B. Ream, P. A. B. Widener, Henry Phipps, Henry C. Frick and George F. Baker, and E. H. Gary and W. E. Corey, ex-officio.  
 Office, 71 Broadway, N. Y.—(V. 83, p. 267, 277, 329.)

**VIRGINIA-CAROLINA CHEMICAL CO.—ORGANIZATION.**—Incorporated on Sept. 12 1895, and acquired many successful manufacturing of acids, chemicals and commercial fertilizers from Baltimore to Atlanta and Savannah. V. 68, p. 431; V. 69, p. 232, 964; adv. in "Chronicle" March 4 1899; V. 72, p. 444. See application showing properties owned, &c., V. 72, p. 1186; V. 72, p. 1191, 1285; V. 73, p. 137, 240; V. 74, p. 942, 1095; V. 75, p. 81, 140, 496. The Southern Cotton Oil Co., \$9,991,500 of whose \$10,000,000 stock is owned, operated the cotton oil properties. See V. 73, p. 240, 137, 1365. On Aug. 7 1905 the Texas property of Southern Cotton Oil Co. was sold to Fidelity Cotton Oil & Fertilizer Co., with \$25,000 authorized stock and \$400,000 first 4 1/2s, due Aug. 1 1915. See V. 81, p. 671; report, V. 83, p. 276. Decision Feb. 1905, V. 80, p. 1001.

**STOCK.**—The stockholders voted on July 17 1901 to authorize an increase in the common stock from \$12,000,000 to \$38,000,000; outstanding June 1906, \$27,984,400. V. 73, p. 36, 137; V. 75, p. 496.  
 The shareholders voted on May 18 1904 to authorize \$8,000,000 additional preferred stock, raising the amount to \$20,000,000; of the new stock, \$6,000,000 to be used to pay the floating debt and for additional working capital was subscribed pro rata by stockholders of both classes at par. The remaining \$2,000,000 cannot be issued in excess of \$400,000 in any fiscal year except on vote of a majority of the stock. V. 78, p. 1451; V. 77, p. 355, 405; V. 78, p. 1503, 1970.

**DIVIDENDS.**—P.c.} 1896. '07 to Mar. '02, incl. June '02 to June '03. Common ----- Dec. 1 4% 5% (none since). Preferred, 8% --- In full to Oct 1906, inclusive (paid Q.-J. 15).

**COLLATERAL TRUST BONDS.**—The bonds were secured by the \$9,881,300 So. Cotton Oil stock owned and \$2,209,200 of the \$2,219,200 stock of the Charleston Mining & Mfg. Co. The proceeds were used to restore over \$3,300,000 cash taken from working capital on acct. of recent acquisitions and to provide about \$3,500,000 still due for the properties acquired. They are subject to call as a whole on any int. day at 105 or for s. f. \$500,000 annually, beginning 1904, at 102 1/2 and int. V. 75, p. 140, 687, 1102.

**REPORT** for 11 1/2 mos. end. May 31 '06, in V. 83, p. 90, showed gross profits, \$3,029,927; int. on bonds, \$294,792; int. and disc., \$293,712; div. on pref. (8%), \$1,440,000; set aside for contingent fund, \$200,000; add net earnings Southern Cotton Oil Co., \$532,709; balance, surplus, \$1,333,232. Total surplus May 31 1906, \$4,810,759.

**DIRECTORS.**—S. T. Morgan (Pres.), E. B. Addison, James N. Boy, T. C. Williams Jr., of Richmond, Va.; John B. Dennis, N. S. Meldrum, Samuel Spencer and Henry Walters, New York; James B. Duke, Somerville, N. J.; R. J. Reynolds, Winston, N. C.; E. T. Stotesbury, Philadelphia; Geo. W. Watts, Durham, N. C. Secretary is S. D. Crenshaw; Treas., S. W. Travers, Richmond, Va.—(V. 81, p. 672; V. 83, p. 90, 277.)

**VIRGINIA IRON COAL & COKE CO.—ORGANIZATION.**—Owns furnaces at Roanoke, Pulaski, Radford, Graham, Max Meadows and Reed Island, Va.; Bristol and Middleborough, Ky.; Radford Pipe Works, Radford, Va.; Crescent Horseshoe Works, Max Meadows, Va.; steel works at Middleborough, Ky., and certain foundry and mach. works. Also owns about 132,000 acres of coal lands, and owns and controls about 209,000 acres iron ore and timber lands. V. 68, p. 675; V. 69, p. 388; V. 79, p. 1703. In Nov. 1905 about 25,000 acres were taken over under 40 years lease. V. 81, p. 1615. In Aug. 1906, sold the \$1,000,000 (half) of the capital stock of the Virginia & Southwestern Ry. V. 83, p. 635. See application to list, V. 76, p. 272.

Stock authorized, \$10,000,000, all common; outstanding, \$8,641,600; par \$100. Readjusted per plan V. 75, p. 348, 398, 736. The scrip received for Sept. 1903 coupons was paid on May 1 1903. Of the 1st 5s, \$3,325,000 have been canceled, the \$520,000 unissued being held to retire prior lien bonds, viz.: \$520,000 Carter Coal & Iron sink. fund gold 5s, due Oct. 1 1938, subject to call at 105 (New York Trust Co., trustee). Report for year ending June 30 1905 was in V. 81, p. 1435, showing: Gross earnings, \$3,317,563; net, \$462,042; other income, \$54,470; charges, taxes, &c., \$426,833; bal., sur., \$89,679. Pres., Henry K. McHarg, N. Y. Office, Bristol, Tenn. (V. 80, p. 226; V. 81, p. 1052, 1435, 1615; V. 83, p. 635.)

**VULCAN DETINNING CO.—ORGANIZATION.**—Incorporated in New Jersey on April 25 1902 as a consolidation. V. 74, p. 942. Has plant at Streator, Ill., and Sewaren, N. J.; manufactures "merchandise pig tin" and steel scrap (used by steel mills) from tin plate waste. Extension of Sewaren plant was expected to be completed Aug. 1906. V. 83, p. 42.

**STOCK.**—Common stock, \$2,000,000; pref. stock \$1,500,000, 7% cum.; all outstanding: par of shares, \$100. No bonds.

**DIVIDENDS.**—'02. '03. '04. 1905. 1906. Preferred ----- % 3 1/2 6 1/4 0 5 (1 1/2 Q.-J) See below. Common ----- % 2 3 0 0

In Jan. and Apr. 1906, each 1 1/4 % and 1 % extra; in July 1906, 1 1/4 % and 1/2 % extra; Oct., 1 1/4 %; leaving 9 1/4 % accumulated dividends unpaid.

**REPORT.**—Report for year ending Mch. 31 1906 was in V. 83, p. 35.

**OFFICERS.**—President, Samuel R. Beardsley; V.-P. and Treas., Adolph Kern; Secy., Charles P. Hull. Office, 157 Cedar St., N. Y.—V. 83, p. 42.

**WALTHAM WATCH CO.—ORGANIZATION.**—Incorporated in Massachusetts in May 1906 as successor per plan of re-capitalization in V. 82, p. 1042, of American Waltham Watch Co. Holders of stock of old co. (\$4,000,000) received per \$100 share \$100 in preferred and \$175 common stock of new company. Manufactures "Waltham" watches; factory situated at Waltham, Mass. Output of watch movements, 3,000 daily, is to be increased. V. 76, p. 151; V. 82, p. 1042.

**STOCK.**—Common stock, \$7,000,000, all outstanding. Of the \$5,000,000 preferred, \$1,000,000 is reserved for enlargements of plant. Preferred stock cannot be increased nor mortgage authorized without the consent of three-fourths of each class of stock.

**DIVIDENDS.**—(Old co.) } '79-'95. '96. '97. '98. '99. '00-'02. '03. '04. '05. 1906. } 8 % y'ly 6 6 6 2 5 2-3 10 y'ly 12 10 10 J'e. 4%

In 1904 and 1905, June, 4%; Dec., 6%, incl. 2% extra. Bal. sheet Mch. 31 1906, V. 82, p. 1321. President, Ezra C. Fitch; Treasurer, Royal Robbins. Office, 373 Washington St., Boston.—(V. 82, p. 1042, 1158, 1321.)  
**WELLS, FARGO & CO. (EXPRESS).**—Incorporated under the laws of Colorado Feb. 5 1866. On July 1 1904 operated on 41,640 m. of railroad, 1,451 m. of stage and 5,348 m. of steamer routes; total, 48,439 m. Dividends of 8% yearly were paid for many years, but the semi-annual dividend paid in July 1894 was reduced to 3%; 1895 to Jan. 1906, 6% yearly 1% extra semi-annually; July 1906, 5%. Official circulars, V. 83, p. 90, 163, 268, 434, with list of assets and balance sheet May 26 1906. Gross receipts of express business for year ending July 31 1906, \$18,683,035, against \$16,870,194 in 1904-05; net, \$2,544,962, against \$2,416,307. Accumulated surplus May 31 1906 was \$12,423,537. Chairman, E. H. Harriman. Directors, Aug. 1906, V. 83, p. 329.—(V. 82, p. 809, 1504; V. 83, p. 42, 90, 163, 268, 329, 434.)

**WELSBACH CO.—ORGANIZATION.**—Incorporated in New Jersey April 28 1900 as a consolidation, per plan V. 70, p. 898. United Gas Improvement, it is understood, owns control. Stock, \$3,500,000; par, \$100.

**DIVIDENDS.**—2% paid June 1901; in 1902, June, 2%; in 1903 to 1906 incl., 2% yearly (paid in Sept.).

**REPORT.**—For year ending May 31 1906 profits were \$569,907; int. and sinking fund, \$431,660; charged off, \$36,629; dividend, 2%, \$70,000; bal., sur., \$31,618. In 1904-05, profits, \$541,469.

Pres., Sidney Mason; Sec., W. F. Douthirt; Treas., Lewis Lillie. Office, N. W. cor. Broad and Arch sts., Phila.—(V. 81, p. 921; V. 83, p. 629.)

**WESTCHESTER LIGHTING.**—See Consolidated Gas Co. of New York.  
**WESTERN GAS CO. (MILWAUKEE).**—(V. 74, p. 482; V. 76, p. 653.)

**WESTERN TRANSIT CO.**—Owns piers, &c., in Buffalo, N. Y., fleet of 14 steamers (of which 8 steel) and also barges used on the Great Lakes. V. 79, p. 738. The N. Y. Cent. owns its \$1,000,000 stock.—(V. 79, p. 738.)

**WESTERN TELEPHONE & TELEGRAPH CO.**—Owns 77% of the Cleveland Telephone Co., 82% of The Northwestern Telephone Exchange Co. and 83% of The Southwestern Telegraph & Telephone Co., 82% of the Wisconsin Telephone Co. These companies operate in Ohio, Minnesota, North and South Dakota, Texas, Arkansas and Wisconsin, under licenses from Am. Telephone & Telegraph Co., which owns the balance of the stock of the three first named. Also owns all the \$1,200,000 stock of the Telegraph Cable Co. of Texas. Am. Tel. & Tel. owns control.

**ORGANIZATION.**—Incorporated in N. J. on Jan. 22 1902 as successor of Erie T. & T. Co., per plan in V. 73, p. 1359, and V. 74, p. 42.

**DIVIDENDS.**—Div. on pref., Aug. 1902 to Feb. 1904, 4% yearly (F. & A.). Since to Aug 1906, 5% yearly (F. & A.).

**BONDS.**—All the old bonds except \$134,500 were retired. The new bonds are secured by stock and bonds owned. See list, V. 74, p. 893. Outstanding bonds of proprietary company:

Postal Telegraph-Cable Co. of Texas 30-year gold 5s, due Jan. 1 1928, guaranty of interest and sinking fund (sufficient to retire bonds at maturity) assumed on purchase March 15 1902. V. 76, p. 335.

**REPORT.**—Report for year ending Jan. 31 1905, with balance sheet, in V. 82, p. 1378, showed total income, \$1,464,842; net revenue, \$887,426; dividend on preferred (5%), \$800,000; bal., sur., \$87,426. Office, 243 Washington St., Jersey City.—(V. 82, p. 1378; V. 83, p. 499.)

**WESTERN UNION TELEGRAPH.**—Organized under the laws of New York State on April 2 1851, and present name adopted in 1856. As to favorable decision in Oct. 1903, in claim against Amer. Telephone & Telegraph Co., see V. 77, p. 953, 2160; V. 78, p. 588, 1227; V. 82, p. 330.  
**STOCK.**—In 1892 increased stock from \$86,200,000 to \$100,000,000, of which \$8,620,148 was then paid as scrip dividend to represent surplus earnings expended on the property and \$2,630,000 still unissued. In Oct. 1906 authorized stock was increased to \$125,000,000 to provide for conversion of bonds. See below

**DIVIDENDS.**—'87. '88. '89. '90. '91. '92. '93 to Oct. '06, incl. Since '86, p.c.} 2 5 5 5 1/2 5 15 (10 sc.) 5% (1 1/2 Q.-J.)

**BONDS.**—On June 30 1906 the following stocks (par value) were pledged for the collateral trust bonds: Gold & Stock Telegraph, \$1,111,800; International Ocean Tel., \$1,961,500; N. Y. Mutual Tel., \$2,387,700; Maine Telegraph Co., \$111,000; and bonds, Mutual Un. Tel., 6s, \$3,043,000.

The funding and real estate 4 1/2s cover real estate in New York and Chicago. In the event of a mortgage being made, they will be given a prior lien thereunder. V. 70, p. 384, 1203; V. 71, p. 750; V. 74, p. 785; V. 78, p. 1451; V. 80, p. 226.

The stockholders will vote Nov. 3 on authorizing \$25,000,000 redeemable 4% gold bonds due Nov. 1 1936 to be secured by pledge of any collateral owned and to be convertible, after two and not more than twelve years from their date into stock at not less than par; also to increase the stock to provide for the conversion; \$10,000,000 of the bonds are to be issued, dated Nov. 1 1906, and be offered to stockholders pro rata at once to provide for the construction of new lines and wires and the purchase of new property. V. 83, p. 629.

**LEASED COMPANIES.**—Under leases the company aside from other rentals pays interest and dividends as below:

Company, &c.	Lease expires.	Amount.	Int. or div. %	Period.	Bonds mature.
Am. Tel. & Cable stock.....	1932	\$14,000,000	5	Q—M	No bonds.
Chlc. & St. Paul Tel. stk.....	2004	100,000	3	M&S	No bonds.
Empire & Bay State stk.....	1989	300,000	4	Q—M	No bonds.
Franklin Tel. stock.....	1975	367,100	2 1/2	M&N	No bonds.
Gold & Stock Tel. stock.....	Jan. 1891	2,444,400	6	Q—J	-----
Bonds \$500, not M.....		500,000	4 1/2	M&N	May 1 1910
Illinois & Miss. Tel.....	Perpetual.	1,830,150	4	J&J	None.
Intern. Ocean Tel. stock.....	Jan. 1981	1,015,400	6	Q—J	No bonds.
N. Y. Mut. Tel. stock (\$25).....	Feb. 1982	e114,300	6	-----	-----
Mutual Un. Tel. 1st M.....		f1,957,000	6g.	M&N	May 1911
Northw. Tel. stk. (\$50).....	My 7 1980	2,500,000	6	J&J	-----
1st mtge., p. & l. guar.....		1,500,000	4 1/2	J&J	Jan. 1934
Pac. & Atl. stock (\$25).....	99 years	541,850	4	J & J	No bonds.
Sou. & Atl. stock (\$25).....	99 years	558,575	5	A&O	No bonds.

On June 30 1906 the company owned (not included in above amounts) Franklin Tel., \$632,900; Gold & Stock Tel., \$2,555,600; Int. Ocean Tel., \$1,984,600; Ill. & Miss. Tel., \$100,350; Pacific & Atl. Tel., \$1,458,150; Southern & Atl., \$390,475.

Also owns through collateral trust, viz.: e\$2,387,700; f\$3,043,000.

**LATEST EARNINGS.**—Revenue for 3 mos. ending Sept. 30 1906:  
 9 mos. Net revenue. Interest. Dividends. Balance.  
 1905-06 (estimated) ----- \$2,000,000 \$332,688 \$1,217,022 \$450,290  
 1904-05 (actual) ----- 2,007,593 331,300 1,217,021 459,272  
 Total surplus (estimated) Sept. 30 1906, \$17,209,018.

MISCELLANEOUS. Table with columns: Date of Bonds, Size, or Par Value, Amount Outstanding, Rate %, When Payable, Where Payable, and by Whom, Bonds—Principal, When Due, Stocks—Last Dividend. Includes entries for Virginia Iron Coal & Coke, Westinghouse Air Brake, Westinghouse Electric & Mfg, etc.

ANNUAL REPORT.—Report for 1905-06 was in V. 83, p. 889. Table with columns: Year ending June 30, Revenues for the year, Oper. exp., rent, taxes, &c., Dividends paid (5%), Interest on bonds, Surplus. Includes data for 1905-06, 1904-05, 1903-04, 1902-03.

Table with columns: Year, Miles of Poles &c., Cables, Wire, No. of Offices, Messages, Receipts, Profits. Includes data for 1866-67, 1892-93, 1903-04, 1904-05, 1905-06.

DIRECTORS.—Thomas T. Eckert (Chairman), Robt. C. Clowry (Pres.), Geo. J. Gould, J. B. Van Every and Thomas F. Clark (Vice-Pres.), A. R. Brewer (Sec.), John T. Terry, J. J. Slocum, Samuel Sloan, Edwin Gould, Henry Walters, Frank J. Gould, J. Pierpont Morgan, Charles Lanier, Chauncey M. Depew, Henry M. Flagler, John Jacob Astor, Oliver Ames, C. Sidney Shepard, Jacob H. Schiff, James Stillman, Wm. L. Bull, James H. Hyde, Morris K. Jesup, E. H. Harriman, Samuel Spencer, Howard Gould, John J. Mitchell and Henry A. Bishop. Office, 195 B'way, N. Y. City.—(V. 82, p. 396, 639, 1384; V. 83, p. 629, 889, 912.)

WESTINGHOUSE AIR BRAKE.—ORGANIZATION, ETC.—A Pennsylvania corporation. V. 67, p. 843, 1065; V. 77, p. 1307. Stock, formerly \$5,000,000, was increased to \$11,000,000 in July 1898, \$5,000,000 being distributed as a 100% stock dividend.

DIVIDENDS.—1905-06, 1904-05, 1903-04, 1902-03. Per cent. 20 yearly, 25 30 24 21 20 See below. In 1904, Jan., 6%; since to July 1906, 5% quarterly; Oct. 1906, 7 1/2%, incl. 2 1/2% "special." V. 83, p. 577.

As to litigation with N. Y. Air Brake Co., see V. 69, p. 181, 442; V. 70, p. 636; V. 73, p. 1365; V. 75, p. 1359; V. 79, p. 217; V. 80, p. 2464. Report for year ending July 31 1906 was in V. 83, p. 625, showing: Gross, \$10,546,397; net profits, \$3,625,750; dividends (20%) \$2,199,205; surplus, \$1,426,455. New York office, 111 B'way, N. Y.—(V. 83, p. 577, 625.)

WESTINGHOUSE ELECTRIC & MANUFACTURING CO.—ORGANIZATION.—A Pennsylvania corporation manufacturing appliances used for electric lighting and power purposes. Statement to N. Y. Stock Exch. was in V. 54, p. 763. The company owns exclusive rights to the Tesla patents on alternating currents. V. 61, p. 25, 153. In 1896 made agreements with General Electric Co. V. 62, p. 502, 635, 1040; V. 68, p. 1024; V. 80, p. 1487; V. 83, p. 704.)

In Sept. 1898 purchased substantially entire capital stock and all but \$850,000 of the \$2,500,000 20-year bonds of Walker Co. V. 68, p. 87. British Co., V. 69, p. 232, 802; V. 73, p. 1114; V. 75, p. 1414; V. 76, p. 1089; report, V. 83, p. 320. Canadian Westinghouse Co., see V. 77, p. 302, 1307, and official statement, V. 79, p. 624; V. 82, p. 1042; V. 83, p. 321. —Societe Westinghouse Electrique de Russie, V. 83, p. 704.

CAPITAL STOCK, ETC.—Stock authorized is \$50,000,000, increased from \$15,000,000 to \$25,000,000 in Feb. 1901, \$3,000,000 of the new stock being sold to stockholders at \$55 per \$50 share. V. 72, p. 631. In 1903 stockholders subscribed to \$4,500,000 and in July 1904 to the remaining \$2,473,200 assenting stock at \$80 per \$50 share, the proceeds to be used for extensions and working capital, increasing the outstanding amount to \$21,000,000. V. 76, p. 1089; V. 77, p. 827; V. 79, p. 275, 632. Stockholders on March 26 1906 authorized an increase in capital stock from \$25,000,000 to \$50,000,000. Of the new stock \$12,500,000 is set aside for the conversion of the debentures of 1906 if required; otherwise to be sold from time to time. V. 82, p. 755.

The first pref. stock carries cum. divs. of 7% per annum, with right to participate equally with other stock after the same shall have received 7%, and preferential as to principal. See pref. certs. in editorial of May 1893 "Supplement."

As to the debent. certs. of 1898 see V. 67, p. 324, 691, 1112; sinking fund \$150,000 yearly from 1900, certs. to be drawn at 105. No lien is to be placed on property without providing for debentures.

In Jan. 1906 \$15,000,000 5% debentures of an authorized issue of \$25,000,000 were sold to provide for additional working capital and future requirements. They are convertible into assenting stock at 200 after Jan. 1 1910 and subject to call after Jan. 1 1912 at 105. Annual sinking fund, \$500,000, beginning Dec. 31 1907. V. 82, p. 222, 396, 755, 809.

In Dec. 1903 \$2,000,000 3-year 6% notes and in 1904 \$4,000,000 3-year 5% notes, dated Aug. 1, all subject to payment before maturity (the latter at par and 2% yearly for unexpired time) were sold. V. 79, p. 275, 511; V. 78, p. 51.

DIVIDENDS (%) 1892 to 1900, 1901, 1902 to July May '03, 1903, Since to Oct 1906. Preferred 7, 7, 7, 7 yearly, 2 1/4, 10 yearly (Q-J). Assenting 0, 5 1/4, 6 1/2, 7 yearly, 1 1/2, 10 yearly (Q-J).

ANNUAL REPORT.—Fiscal year ends March 31. Report for 6 years ending March 31 1906 with balance sheet was in V. 83, p. 209, 320, showing gross earnings, \$114,618,537; net earnings, \$16,892,529; total net (incl. other income, \$20,557,119 (an average of \$3,426,186 yearly); deductions, \$7,079,653; bal., sur., \$13,477,466.

DIRECTORS.—Brayton Ives (Chairman), Ph. Ferd. Kobbe, A. N. Brady, N. W. Bumstead, Frank H. Taylor, H. H. Westinghouse, G. W. Hebard, J. W. Slemon, E. M. Herr, Geo. C. Smith and George Westinghouse. Pres., George Westinghouse; Vice-Pres., E. M. Herr, Frank H. Taylor, L. A. Osborne, Newcomb Carlton, W. D. Upton; Treas., T. W. Slemon; Sec., Chas. A. Terry. N. Y. office, 111 B'way.—(V. 83, p. 320, 704.)

WESTINGHOUSE MACHINE CO.—ORGANIZATION, ETC.—Incorporated in Penn. in 1881; manufactures steam-engines, steam turbines, gas engines and Roney mechanical stokers, under Westinghouse patents. Stock was formerly part pref., but is now all of one kind. Stockholders voted Dec. 23 1905 to increase the auth. stock from \$5,000,000 to \$10,000,000. V. 81, p. 1855. Divs. at 6% yearly (Q-J) were paid to Oct. 1902, incl. since to Oct 1906, 10% yearly (Q-J). The Westinghouse Foundry Co. plant is 17 miles east of Pittsburgh. V. 75, p. 398, V. 79, p. 2752.

BONDS.—Of the \$1,500,000 5% gold debentures \$315,000 reserved to retire 6% due 1906-14. V. 69, p. 854. (See also V. 69, p. 802.) V. 69, p. 1252. In Dec. 1905 \$10,000,000 sinking fund bonds were authorized, of which \$1,400,000 will be reserved to retire the outstanding bonds and de-

bitures. V. 82, p. 165, 809. Pres., George Westinghouse; Vice-Pres., E. E. Keller; Treas., T. L. Brown; Sec., T. S. Grubbs. Office and works, E. Pittsburgh, Pa.—(V. 82, p. 165, 457, 809, 1216.)

WILKES-BARRE GAS & ELECTRIC CO.—Stock, \$1,500,000; par of shares \$100. First consol. 5s (\$3,000,000 authorized issue) are subject to call at 110 and interest on 3 months' notice; of the unissued bonds \$1,008,000 is reserved to retire the \$1,008,000 underlying bonds (all subject to call at par in 1908) and balance for future requirements. See V. 80, p. 1226. Franchises are perpetual and exclusive. Calendar year 1905, gross, \$297,595; net, \$156,153; charges, \$109,487; bal., sur., \$46,666.

EARNINGS.—8 mos., 1906—Gross \$198,961; net, \$89,537. Jan. 1 to Aug. 31, 1905—Gross, 168,350; net, \$1,990. Pres., Robt. L. Forrest; Sec., T. F. Wickham. Office, Wilkes-Barre, Pa.—(V. 82, p. 285.)

INDEX TO ADDITIONAL COMPANIES.

Table with columns: Latest Items in "Chronicle," Vol. Page, Latest Items in "Chronicle," Vol. Page. Lists various companies and their page references, such as Amer. Asbestos & Fireproof, American Caramel, American Confectionery, etc.

RAILROAD COMPANIES.

SUPPLEMENTARY—See also Tables 9 to 152.

INTEROCEANIC RY. OF MEXICO, LTD.—Vera Cruz to Mexico City, Mex. 342 miles; Los Reyes to Puente de Ixtla, 123 m.; Los Arcos to Cuautla, 102 m.; Atencingo to Tlancualpican, 12 m.; San Nicolas to San Lorenzo, 11 m.; Virreyes to San Juan de los Llanos, 7 m.; Mexican Eastern Ry., 139 m.; total, 736 miles.

In Nov. 1901 the Mexican Eastern Ry., Limited, was formed, with £10,000 share capital, all owned by the Interoceanic, and purchased the narrow-gauge line from San Marcos to Tezuitlan, 79 m., and built from Virreyes to San Nicolas, 61 m., the whole being leased for 80 years for a rental sufficient to meet the general expenses and interest on the debenture capital, of which £400,000 has been issued for purchase and extension of the road, and in addition, after 1920, a fund toward the redemption of the debenture stock. The company will have the right after June 1 1914 to purchase the Mexican Eastern Ry. by redemption of debenture stock. V. 73, p. 1263.

ORGANIZATION.—In 1896 reorganized per plan in V. 62, p. 364. In Sept. 1902 Mexican Gov't secured control. V. 75, p. 793, 907, 981.

The Nat. RR. of Mexico in 1903 acquired practical control, owning £1,038,400 of the second debentures, £907,500 ordinary and £102,000 cumulative preferred stock. V. 76, p. 1192; V. 77, p. 769. Consolidation with the National Company was authorized in 1903.

SECURITIES.—On Dec. 14 1900 £1,300,000 of 4 1/2 % 2d debenture stock was authorized. See circular, V. 71, p. 1120, as to rights, &c. Of the second debenture stock £150,000 was sold to the shareholders and £1,000,000 to the Gov't of Mexico at 90 1/2 % (since acquired by Nat. RR. of Mex. as above stated), to retire the £735,391 7 % "A" debenture stock called for payment on Mch. 31 1903. V. 75, p. 907, 981; V. 76, p. 382.

EARNINGS.—8 mos., 1906—Gross, \$4,615,679; net, \$1,347,243. Jan 1 to Aug. 31 1905—Gross, 4,255,306; net, 984,693. For calendar year 1905, gross, \$6,193,554; net, \$1,546,727. In 1904, gross, \$6,134,182; net, \$1,354,072.

Year ended June 30— Gross. Net. Net in £. 1904-05 (Mex.) \$6,086,107 (Mex.) \$1,330,348 £138,832 1903-04 (Mex.) 6,032,595 (Mex.) 1,488,037 £147,627

Net revenue account for 1904-05 showed £72,472; int. on 4 1/2 % second deb. stock, £51,750; div. (4 1/2 %) on "B" debenture stock, £21,125; bal., def., £403. Sec., C. E. Scruby; Treas., H. Friederichsen, 9 New Broad St., London. N. Y. office, 60 Wall St.—(V. 81, p. 1665.)

KENTUCKY & TENNESSEE RY.—Projected from Stearns, Ky., westerly and southwesterly into Tennessee, about 60 miles, of which 9 miles completed and 12 under construction March 1906. Stock (?) Bonds (see table above) cover road, 38,697 acres of timbered lands in Tennessee, timber and coal rights on about 23,000 acres in Kentucky, coal mines, electric-light plant, etc. They are unconditionally guaranteed, principal and interest, by the Stearns Salt & Lumber Co. and Justus S. Stearns, of Ludington, Mich., and mature Sept. 1 1908-12, \$30,000 annually; 1913-17, \$40,000; 1918-23, \$50,000; but are subject to call on any interest day at 105. V. 81, p. 974, 1100. Pres., J. S. Stearns; Sec. and Treas., R. L. Stearns.—(V. 81, p. 975, 1100.)

LANCASTER OXFORD & SOUTHERN RR.—Oxford, Pa., to Susquehanna, 20 miles, being rebuilt late in 1905. Extension to Quarryville was completed in spring of 1906. Stock, \$200,000; par, \$100. Bonds, see table above. Year ending June 30 1905 (20 m.), gross, \$16,688; net, \$2,809; int. on bonds, \$10,000. Pres., Walter M. Franklin; Treas., J. W. Bauman; Sec., Jacob B. Long. Office, Lancaster Pa.—(V. 81, p. 1665.)

MANISTEE & GRAND RAPIDS RR.—Manistee to Marlon, Mich., 73 miles, of which Hartwick to Marlon, 10 m., opened Dec. 1905; Flier City to Sands, 2 m.; total, 75 m. Extension projected from Manistee to Grand Rapids, 116 m. In Oct. 1904 Chicago parties secured control. V. 79, p. 1642. Stock authorized, \$1,000,000; outstanding, \$450,000; par of shares, \$100. Bonds, \$100,000 first 5s, due annually 1902-05. For year ending June 30 1904, gross, \$97,325; def. under oper. exp., \$3,474; total deductions, \$8,042; bal., def., \$11,516. Pres., J. Crocker, Chicago, Ill.; V.-P. and Gen. Mgr., Max Toitz; Sec., W. M. Simpson; Treas., B. C. Sammons. Office, Manistee, Mich.—(V. 79, p. 2588.)

MANITOU & PIKE'S PEAK RY.—Manitou, Col., to summit of Pike's Peak, 8.9 miles, standard gauge. Operated from April to November, yearly. Stock, \$500,000; par of shares, \$100. In Oct. 1906 all coupons due had been paid. For year ending June 30 1905, gross, \$89,733; net, \$30,428; total deductions, \$26,978; bal., sur., \$3,450. Pres., C. W. Sells. Office, Manitou, Col.—(V. 71, p. 646.)

MARYLAND DELAWARE & VIRGINIA RY.—Operates Love Pt. to Lewes, Del., 72 miles; Queenstown Jct. to Centerville, Md., 5 m.; total, 77 m., of which Lewes to Rehoboth, 6 m., is Pennsylvania trackage. Also owns 14 steamers running between Baltimore, Washington, points on the Potomac River, the Rappahannock River, Patuxent River and Norfolk. V. 79, p. 1642, 1704, 2589; V. 80, p. 600.

Stock, \$3,000,000, of which one-half each of common and 4 % non-cum. pref.; par of shares, \$50 each. The Balt. Ches. & Atlantic owns a majority of the stock and guarantees bonds. For 11 mos. ending Dec. 31 1905, gross, \$659,513; net, \$27,864; other income, \$1,631; charges, \$91,487; bal., def., \$61,992.—(V. 80, p. 711, 1058.)

MEXICAN RAILWAY, LIMITED.—City of Mexico to Vera Cruz, 264 miles; Puebla branch, Aplzaco to Puebla, 29 miles; Pachuca branch, Ometusco to Pachuca, 28 miles; total, 321 miles.

ORGANIZATION.—Incorporated Aug. 20 1864 as Imperial Mex. Ry. DIVS. on 1897 '98 '99 1900 1901 1902 '03 1904 '05 1906 1st pref (%) 2 5-16 2 1/2 3 1/2 3 1/2 2 7-16 1 1/2 2 5 3-16 5 1/2 May 31-16

EARNINGS.—Jan. 1 to Sept. 14 1906, 8 1/2 months (Mexican currency), gross, \$4,981,100; in 1905, \$4,434,400. For year 1905, gross, \$6,293,138, against \$6,104,342 in 1904; net above oper. expenses, \$2,530,382; total net revenue, £284,372; deb. interest, £120,000; div., 6 3-16%, £158,035. Sec., John T. Denniston, London, England. London offices, 6 Broad Street Place, Bloomfield St., E. C.—(V. 66, p. 1001.)

MEXICAN SOUTHERN RAILWAY, LIMITED.—Puebla to Oaxaca, Mex., 228 m.; sidings, 11 m.; all narrow-gauge; branch, 32 m., Tehuacan to Esperanza; other, 3 m.; total, 262 miles.

ORGANIZATION.—Chartered in 1889. Concessions commuted by payment in 1892 by Mex. Gov. of \$8,000,000 6 % 50-year silver Mex. Gov. bonds, which were called and paid on May 31 1905. The road passes June 8 1900 to the State without payment, except for stations, rolling stock, &c. V. 79, p. 2642. In 1896 reorganized per plan in V. 63, p. 229.

SECURITIES.—The 1st debenture stock was redeemed Feb. 1 1905 at 110 % from proceeds of \$8,000,000 Mexican silver bonds, deposited under trust deed. V. 79, p. 2642; V. 80, p. 222. Interest on 2d debentures is payable only out of profits on Feb. 1 and Aug. 1. On ordinary shares 1 % was paid for year ending Mar. 31 1897; year 1897-98, 1 1/4 %; 1898-99, 1 1/2 %; 1899-00, 2 %; 1900-01, 2 1/2 %; 1901-02, 2 1/2 %; 1902-03, 2 %; 9 mos. ending Dec. 31 1903, 1 1/2 %; 1904, 2 1/2 %; cal. year 1905, 2 1/2 %.

EARNINGS.—For year ending Dec. 31 1905, gross, £122,158; net, £45,227; total net income, including interest on \$8,000,000 Mex. Gov. subvention bonds, &c., £65,413; charges, £28,154; div. (2 1/2 %), £25,000; balance forward, £9,086; transferred to renewal and contingency fund, £7,000; balance, £14,344. Jan. 1 to Sept. 14 1906, 8 1/2 months (Mexican currency), gross, \$876,298; in 1905, \$870,527.

OFFICERS.—Chairman, Sir Ernest Paget; Sec., Thos. Linton, 53 New Broad St. London E. C.—(V. 79, p. 2642; V. 80, p. 222.)

NEW JERSEY & NEW YORK RR.—Owns from Erie Jct., N. J., to Garnerville, N. Y., 29 miles; branches to New City, &c., 5 m.; operates to Haverstraw, &c., 14 m.; total operated, 48 miles. Erie RR. in April 1896 purchased control. Stock, \$1,440,800 com., \$787,800 pref.; par, \$100. Control is with pref. stock and 1st mtge. till 6 % has been paid on pref. for three years. Year ending June 30 1905, gross, \$415,278; net, \$91,702; interest, &c., \$70,086; bal., sur., \$21,616.—(V. 65, p. 822.)

NEW JERSEY & PENNSYLVANIA RR.—Whitehouse to Morristown, N. J., 26 miles. A consolidation of Rockaway Valley Ry. and Speedwell Lake RR. Incorporated Dec. 21 1904. On Mch. 1 1906 Frederick V. Pitney of Morristown, N. J., was appointed receiver. V. 82, p. 510, 692. Receiver's certificates not exceeding \$1,500 at any one time were authorized. V. 82, p. 692. Stock, \$210,000; outstanding, \$145,000. The \$1,000,000 mtge. (see

above) was made to pay all outstanding obligations and \$125,000 Rockaway Valley bonds due Apr. 1 1906, mostly retired. The Corporation Trust Co. of New Jersey is mortgage trustee. V. 80, p. 222. The bonds were issued, but in Apr. 1906 were held in the treasury. Gross earnings, 1905, were about \$78,000. Pres., Chas. U. Flint; Sec. and Treas., Louis E. Spencer. Office, 37 Wall St., New York.—(V. 82, p. 510, 692, 752.)

PANAMA RR.—Colon to Panama and La Boca, 50 miles, 5-foot gauge. The U. S. Gov't owns the entire \$7,000,000 cap. stock. V. 78, p. 1785; V. 80, p. 163, 1235. The traffic agreement with the Pacific Mail S.S. Co. terminated July 12 1905. V. 74, p. 1252; V. 80, p. 872, 1479, 1913.

DIVID'S.—'88. '89. '90. '91. '92. '93. '94-00. '01. '02. '03. '04. 1905. Since 1887 % 23 9 5 5 2 2 None 2 4 4 6 1/2 Feb. 5

BONDS.—The mortgage of 1897 is for \$4,000,000; sinking fund, \$150,000 yearly; bonds may be drawn for sinking fund or as a whole at 105. V. 65, p. 516. See V. 66, p. 1046; V. 79, p. 904; V. 81, p. 1551.

The subsidy bonds are secured by an assignment and pledge made by the U. S. of Colombia (now assumed by the Republic of Panama) to the trustees of \$225,000 annually, of the annual subsidy or rental to that extent payable to said Government by the company, and are drawn and paid off on Nov. 1 yearly with any surplus of the subsidy not needed for interest. V. 64, p. 705.

ANNUAL REPORT.—Earnings were as below. Table with columns: Year, Gross RR., Net RR., Net of Other, Charges, Sur., incl. to Dec. 31, Earnings, Earnings, Steamships, Inc. &c., Other Inc. Rows for 1905 and 1904.

The charges above in 1905 include: Subsidy payment, \$25,000; interest on bonds, \$144,681; redemption of bonds, \$333,920, &c.—(V. 83, p. 688.)

PITTSBURGH & WESTERN RR.—(See Map Balt. & Ohio.)—ROAD.—Owns Allegheny, Pa., to New Castle, Pa., 59 miles; standard-gauge branches to Foxburg, 59 miles; 3-ft. gauge lines to Mt. Jewett, etc., 101 miles; total owned, 219 miles.

STATUS.—Road sold on Oct. 9 1901, under the 2d mtge. and reorganized as P. & W. RR., B. & O. pledging as part security for its own Pitts. Lake Erie & West Virginia system 4s the entire \$13,500,000 of new stock, \$7,318,000 of the \$9,700,000 first mtge. 4s of 1887, \$81,000 old 6s (all), \$136,900 of the \$219,000 Pitts. New Castle & Lake Erie 4s due 1917 and \$3,500,000 new mtge. bonds of Pitts. & West. RR. V. 73, p. 445, 783. In June 1905 holders of the remaining \$2,382,000 1st 4s were offered the right of exchange for B. & O., Pitts. L. E. & W. Va. 4s or payment in cash. V. 80, p. 2345. Equipment trusts July 1 1905, \$241,000.

TEXAS SOUTHERN RY.—Marshall, Tex., on Tex. & Pac. to Winnsboro, on the M. K. & T., 72 miles. On Sept. 12 1906 C. L. Taylor of Longview, Tex., was substituted as receiver. Claims approved amounted to \$726,000. V. 79, p. 271, 787, 905, 1333. Foreclosure sale was postponed on Aug. 6 1906, no date being fixed; the rolling stock was bid in at \$22,000. V. 81, p. 1725; V. 83, p. 380. On Dec. 22 1904 \$100,000 receivers' certificates were authorized; in Feb. '05 \$150,000. V. 81, p. 1725. Stock, \$79,980.

Bonds outstanding, \$271,000 first 30-year gold 5s, dated July 1 1902; July 1904 interest in default; balance of \$792,000 issued being used as collateral. Coll. trust 7 1/2 % gold certificates (\$375,000 authorized), each \$1,000 certf. secured by deposit of \$2,000 of the 1st 5s; outstanding, \$175,000; U. S. & Mexican Trust Co., trustee. See V. 76, p. 159. Car trusts June 30 '04, \$33,000. For year end. June 30 '05, gross, \$142,357; net, \$33,553; int. on bonds, \$13,550; bal., sur., \$20,003.—(V. 83, p. 689.)

VIRGINIA & SOUTHWESTERN RY.—Owns from Bristol, Va., northwesterly to Big Stone Gap and southerly to Mountain City, Tenn., 134 miles. In June 1906 contract was let for extension from Moccasin Gap to Persia, Tenn., 38 miles.

In Aug. 1906 the Southern Ry. acquired the \$2,000,000 stock. V. 83, p. 626. The Virginia Iron, Coal & Coke Co. guaranteed the bonds, principal and interest. V. 75, p. 348, 398, 736; V. 76, p. 273. Car trusts, \$118,250 5s, due monthly Feb. 1 1906 to Oct. 1 1908; also \$325,000 5s, due monthly Feb. 10 1906 to May 10 1910. Virginia & Southeastern Ry. (projected), V. 80, p. 223.

EARNINGS.—12 mos., 1905-06—Gross, \$1,009,366; net, \$400,334 July 1 to June 30. 1904-05—Gross, 679,532; net, 251,780. Report for year 1904-05 in V. 81, p. 1433, showing: Gross, \$679,532; net, \$251,780; cb'ges, \$131,874; bal., sur., \$119,906.—(V. 83, p. 626.)

WABASH CHESTER & WESTERN RR.—Chester, Ill., to Mt. Vernon, Ill., 65 miles. Stock \$1,250,000; par, \$100. Coupons due July 1894, paid July 1896; none paid since. Year ending June 30 1906, gross, \$114,387; net, \$20,940; int. on bonds, &c., \$7,257; taxes, \$34,523; bal., sur., \$20,840.

WARREN & CORSICANA PACIFIC RY.—Warren to Campwood, Tex. 20 miles; extension projected from Warren to Corsicana, about 150 miles. Stock, \$100,000; par of shares, \$100. In Feb. 1905 S. F. Carter and W. H. Norris were appointed receivers. V. 80, p. 999. For year ending June 30 1906, gross, \$50,392; net, \$8,647; taxes, \$1,061; bal., def., \$7,586.—(V. 80, p. 999.)

WARREN RR., N. J.—New Hampton Jct. to Dela. Bridge, N. J., 18.8 m. Leased in perpetuity to Dela. L. & W. at 7 % on stock and interest on bonds. See form of guaranty, V. 72, p. 628.—(V. 80, p. 999.)

WASHINGTON CENTRAL RY.—(See Maps Northern Pacific.)—Owns road, Cheney to Coulee City, Wash., 109 miles; branch from Coulee City to Adrian, 21 miles; total, 130 miles. Reorganization in Jan. 1898. Leased in 1898 to Northern Pacific for 999 years at rental sufficient to pay interest on 50-year gold 4s, to be issued at \$15,000 per mile. (See V. 66, p. 1953.) Nor. Pac. owns entire \$1,000,000 stock.—(V. 67, p. 691.)

WASHINGTON & COLUMBIA RIVER RY.—(See Maps Northern Pacific.)—Owns road from Dayton, Wash., to Pendleton, Ore., 128 miles; branches, 35 miles; total, 163 miles. Mill Creek Valley RR., 6 miles, was acquired in Sept. 1905. Stock is \$3,000,000; par, \$100. Additional first 4s may be issued for extensions at \$20,000 per mile. (V. 61, p. 70.) Nor. Pac. Ry. owns all the capital stock and income bonds. In 1904-05 and 1905-06 paid 4 % on incomes. Year ending June 30 1906, gross, \$433,371; net (over taxes), \$194,673; other income, \$7,128; int. on first mtge. and income bonds, \$193,678; imp'ts, \$5,758; sur. for year, \$2,365.—(V. 66, p. 426.)

WASHINGTON COUNTY RY.—Owns Washington Jct., on the Maine Central RR., northeasterly to Calals, Me., 103 miles; branch to Eastport, 15 miles, and Princeton, 19 miles—total, 137 miles. V. 77, p. 2340. The Maine Central owns the \$2,500,000 stock and guarantees the bonds, principal and interest, by endorsement, but road is operated independently. Bonds are issuable at \$20,000 per mile, being subject to call at par and interest on Jan. 1 1924. For year ending June 30 1906, gross earnings were \$418,959; net, \$59,967; fixed charges, \$89,774; bal., def., \$29,807.—(V. 78, p. 989; V. 83, p. 627.)

WASHINGTON & FRANKLIN RY.—Hagerstown, Md., to Quinsonia, Pa., 14.37 miles; was built in 1898 and extended from Quinsonia to Zumbro, 5 miles. The line is leased to Western Md. for interest on bonds and 5 % on \$150,000 stock. The Reading Trust Co. is mtge. trustee.—(V. 72, p. 676; V. 70, p. 478; V. 73, p. 392.)

WEATHERFORD MINERAL WELLS & NORTHWESTERN RY.—Owns Weatherford to Mineral Wells, Tex., 23 miles. Extension is contemplated from Mineral Wells to Jacksboro and Graham, 70 miles. Controlled by Missouri Pacific interests. Stock, \$100,000. The Texas & Pacific guarantees the bonds (\$1,354,000 authorized issue), principal and interest, by indorsement. V. 75, p. 908, 1356. See form V. 78, p. 344. For year ending June 30 1905, gross, \$96,203; net, \$45,801; other income, \$4,603; charges, \$41,722; bal., sur., \$8,681. Pres., George J. Gould; Sec. and Treas., J. W. Boot.—(V. 78, p. 50, 344.)

WEST VIRGINIA & PITTSBURGH RR.—(See Map Balt. & Ohio.)—Clarksburg, West Va., to Richwood, W. Va., 120 miles, with branch, 6 miles; also from Western via Buckhannon to Pickens, 50 miles; total, 176 miles. Leased to reorganized B. & O. for 999 years from Sept. 1 1899, per plan in V. 67, p. 1310, for 4 % on the mtge., all except \$10,000 bonds being stamped with agreement reducing the interest from 5 to 4 %; option to retire bonds at par expired Sept. 1 1904. V. 69, p. 439, 646. Com., \$2,500,000, and pref., \$900,000, all deposited by Balt. & Ohio under its own Pitts. L. E. & W. Va. system mtge. Mtge. covers road and equip. and 134,842 acres of timber coal and mineral lands in West Va.—(V. 71, p. 810.)

NEW YORK AND BROOKLYN BANKS. (a Is State Bank.)

Table with columns: Companies, Capital (Par, Amount), Surplus & undivided profits, Dividends (Period, 1904, 1905, Latest, %). Lists various banks like Aetna, Am. Exch, Astor, etc.

a State bank. b Sept. 4 1906 for national and Aug. 6 1906 for State banks. c Monroe and Jefferson banks consolidated under name of latter and capital of Jefferson Bank increased to \$500,000; V. 82, p. 246, 426, 543, 604, 728.

NEW YORK AND BROOKLYN TRUST COMPANIES.

Table with columns: Companies, Capital (Par, Amount), Surplus & undivided profits, Dividends paid in 1904 and 1905 and also last dividend. Lists various trust companies like N. Y. City, Bankers', Bowling Gr., etc.

a Stockholders in March 1906 authorized increase in capital stock to \$1,200,000; V. 82, p. 367, 485, 604. b This is the old Real Estate Trust Co., which changed its name on May 1 1906; V. 82, p. 727, 1137.

NEW YORK AND BROOKLYN FIRE INSURANCE COMPANIES.

Table with columns: Companies, Capital (Par, Amount), Net surp. Dec. 31 1905, Dividends (1903, 1904, 1905, Last paid, %). Lists companies like Commonwealth, Continental, Empire City, etc.

\* Subscribed at 250%

GAS COMPANIES.—SEE ALSO MISCELLANEOUS.

Table with columns: Companies, Par, Securities afloat, Interest period, Dividends and Interest (1904, 1905, a Date, %). Lists gas companies like cBlnght. (N. Y.) 1st M., Colum. Gas & F. com., etc.

a This column shows last divld. on stocks and maturity on bonds. b Extended 20 years from Jan. 1 1906 at 4%. c Controlled by American Light & Traction by ownership of entire capital stock.

MONTHLY GROSS EARNINGS OF PRINCIPAL RAILROADS—(Concluded)

Table with 14 columns: Month (January to December) and Total. Rows list various railroad systems such as M St P & S S M, Mo Kan & Tex, Mo P & Iron Mt, Mobile & Ohio, Nash Ch & St L, Nat RR of Mex, NYC & H R, NY Ont & W, Norfolk & West, Northern Cent, Northern Pac, Pennsylvania, Phil & Reading, Coal & Iron Co, Total both Co's, Rock Isl System, St L & S Fr Sys, St. L. Southw, Seaboard Air L, Southern Pac Co, Southern Ry, Texas & Pacific, Tol & O Cent, Union Pac Sys, Wash, Wheel & Erie, Wisconsin Cent, Yazoo & Miss Vly.

a Approximate figures. b Results on St. Paul & Duluth are included. c Includes Paducah & Memphis Division. d Includes for all periods the Beech Creek Railroad, the Fall Brook System and the Boston & Albany Railroad. e Figures are given in Mexican currency. f Includes Buffalo & Allegheny Valley Division and also 66 miles of canal. g Includes Montgomery Division in all the years. h St. Louis Division included. i Length of road was reduced in July 1903 by 562 miles on account of sale of part of the Oregon Short Line System. j Figures for these years include other income. k These figures are on a new basis, covering Choctaw Road, Burlington Cedar Rapids & Northern, &c., &c. l These totals include corrections made subsequent to the appearance of the monthly returns. m After Jan. 1 1908 includes Chicago & Eastern Illinois

INDEX TO COMPANIES—CONSOLIDATED, &c.

Companies not given in the tables in their alphabetical order may be found by reference to the index below.

Name.	Will Be Found under—	Name.	Will Be Found Under—
Adirondack	Delaware & Hudson.	Continental Tobacco	American Tobacco.
Alabama Central	Southern Railway Co.	Current River	Kansas City Fort Scott & Memphis.
Alabama Midland	Atlantic Coast Line RR.	Dakota Central	Chicago & North Western.
Allegheny Valley	Pennsylvania.	Dakota & Great Southern	Chicago Milwaukee & St. Paul.
American Bell Telephone	American Telephone & Telegraph.	Dallas & Waco	Missouri Kansas & Texas.
American Biscuit & Mfg	National Biscuit.	Danbury & Norwalk	New York New Haven & Hartford.
American Bridge	United States Steel Corporation.	Danville & Grape Creek	Chicago & East. Illinois.
American Dock & Improvement	Central of New Jersey.	De Bardeleben Coal & Iron	Tennessee Coal & Iron (Miscel.
American Sheet Steel	United States Steel Corporation.	Delano Land	Lehigh Valley.
American Spirits Manufacturing	Distilling Co. of America.	Denver Consolidated Gas	Denver Gas & Electric.
American Steel Casting	American Steel Foundries.	Des Moines & Minnesota	Chicago & North Western.
American Steel Hoop	United States Steel Corporation.	Detroit Grand Rapids & Western	Pere Marquette.
American Steel & Wire	United States Steel Corporation.	Detroit & Lima Northern	Detroit Southern.
American Tin Plate	United States Steel Corporation.	Detroit Mackinac & Marquette	See Miscellaneous Companies.
Aroostook County	Bangor & Aroostook.	Detroit River Tunnel	Michigan Central.
Ashtabula & Pittsburg	Pittsburg Youngstown & Ashtabula.	Detroit Southern	Detroit Toledo & Ironton.
Atchison & Nebraska	Chicago Burlington & Quincy.	Dutuh Short Line	Northern Pacific.
Atlanta Knoxville & Northern	Louisville & Nashville.	Durham & Northern	Seaboard Air Line.
Atlantic & Birmingham	Atlanta Birmingham & Atlantic.	East River Gas	New Amsterdam Gas.
Atlantic & Northwest	Canadian Pacific.	East Tenn. Va. & Ga.	Southern Railway.
Austin & Northwestern	Houston & Texas Central.	Eastern Equipment	Pere Marquette.
Battle Creek & Sturgis	Lake Shore & Michigan Southern.	Eastern of Minnesota	Great Northern.
Bay City & Battle Creek	Michigan Central.	Easton & Amboy—Easton & North	Lehigh Valley.
Beech Creek Coal & Coke	Pennsylvania Coal & Coke.	Edison Elec. Ill. of Brooklyn	Kings Co. Elec. Light & Power.
Bell's Gap	Cambria & Clearfield.	Edison Electric Light & Power	San Francisco Gas & Electric.
Bennington & Rutland	Rutland RR.	Edison Elec. Ill. of N. Y.	Consolidated Gas Co. of New York.
Bertram (John) & Sons	Niles-Bement-Pond.	Electric Axle Light & Power	Consol. Ry. Elec. Light'g & Equip.
Bethlehem Iron	Bethlehem Steel Corporation.	Ellwood Short Line	Baltimore & Ohio.
Big Sandy	Chesapeake & Ohio.	El Paso & Northeastern NR.	New Mexico Railway & Coal.
Binghamton Gas Works	American Light & Traction.	Equitable Gas Light & Fuel	People's Gas L. & C. (Miscel. Co's).
Birmingham Belt	St. Louis & San Francisco.	Equitable Gas Light Co. (N. Y.)	New Amsterdam Gas.
Birmingham Equipment	Kansas City Memp. & Birmingham.	Erie & Jersey	Erie RR.
Boonville Bridge	Missouri Kansas & Texas.	Erie & Kalamazoo	Lake Shore & Michigan Southern.
Boston Clin. Fitch. & New Bed.	Old Colony.	Erie & Western Transportation Co.	Pennsylvania RR.
Boston & New York Air Line	New York New Haven & Hartford.	Eureka Springs	St. Louis & North Arkansas.
Boston Rubber Shoe	United States Rubber (Miscel. Co's)	European & North American	Maine Central.
Boyer Valley	Chicago & North Western.	Evansville Henderson & Nashville	Louisville & Nashville.
Brooklyn & Montauk	Long Island.	Evansville Terre Haute & Chicago	Chicago & Eastern Illinois.
Brooklyn & New York Ferry	Brooklyn Ferry.	Fargo & Southern	Chicago Milwaukee & St. Paul.
Brunswick & Western	Atlantic Coast Line RR.	Federal Steel	United States Steel Corporation.
Buffalo & Southwestern	Erie RR.	Flint & Pere Marquette	Pere Marquette.
Buffalo Terminal Association	Wabash RR.	Florida Central & Peninsular	Seaboard Air Line Ry.
Bullock Electric Manufacturing	Allis Chalmers Co.	Florida Southern	Savannah Florida & Western.
Burlington Cedar Rap. & Northern	Chicago Rock Island & Pacific.	Fort Smith & Van Buren Bridge	St. Louis & San Francisco.
Burlington & Missouri River	Chicago Burlington & Quincy.	Fort Worth & New Orleans	Houston & Texas Central.
California & Oregon	Central Pacific.	Fort Worth & Rio Grande	St. Louis & San Francisco.
California Pacific	Southern Pacific RR.	Fremont Elkhorn & Missouri Valley	Chicago & North Western.
Calumet Gas	People's Gas Light & Coke.	Galveston Houst. & Nor.	Galveston Har. & San Antonio.
Camden & Atlantic	West Jersey & Sea Shore.	General Rubber	United States Rubber.
Canada Central	Canadian Pacific.	Georgia & Alabama	Seaboard Air Line Ry.
Carnegie Co	United States Steel Corporation.	Georgia Carolina & Northern	Seaboard Air Line Ry.
Carolina Central	Seaboard Air Line.	Georgia Pacific	Southern Railway.
Cedar Falls & Minnesota	Dubuque & Sioux City.	Grand Rapids Gas Light	American Light & Traction.
Cedar Rapids Iowa Falls & N. W.	Chicago Rock Island & Pacific.	Grand Rap. Kalk. & Southeastern	Pere Marquette.
Cedar Rapids & Missouri River	Chicago & North Western.	Grand River Valley	Michigan Central.
Central Branch Union Pacific	Central Branch.	Gray's Point Terminal	St. Louis Southwestern.
Central California Electric	South Yuba Water.	Great Northern Ry. of Canada	Canadian Northern Quebec.
Central Counties	Canada Atlantic.	Green Bay Winona & St. Paul	Green Bay & Western.
Central of Ga. RR. & Banking	Central of Ga. Ry.	Gulf & Chicago	Mobile Jackson & Kansas City.
Central Ohio	Baltimore & Ohio.	Hancock & Calumet	Mineral Range.
Central Texas & Northwestern	Houston & Texas Central.	Hannibal & St. Joseph	Chicago Burlington & Quincy.
Central Union Gas	New Amsterdam Gas.	Harlem River & Portchester	New York New Haven & Hartford.
Charleston & Savannah	Atlantic Coast Line RR.	Hastings & Dakota	Chicago Milwaukee & St. Paul.
Charlotte Columbia & Augusta	Southern Railway.	Henderson Bridge	Louisville & Nashville.
Charlottesville & Rapidan	Southern Railway.	Hereford	Maine Central.
Chateaugay Ore & Iron	Delaware & Hudson.	Hoboken Ferry	N. Y. & Hobok. Ferry (Miscel. Co's).
Chatham & Lebanon Valley	Rutland RR.	Holly Manufacturing Co.	International Steam Pump Co.
Chattanooga Rome & Southern	Southern Railway.	Hoosier Equipment	Cincinnati Richmond & Muncie.
Chicago & Atlantic	Chicago & Erie.	Housatonic	New York New Haven & Hartford.
Chicago Burlington & Northern	Chicago Burlington & Quincy.	Hudson Coal	Delaware & Hudson Co.
Chicago & Cincinnati	Chicago Cincinnati & Louisville.	Huntington & Big Sandy	Ohio River.
Chicago Dock	Chicago Subway.	Hutchinson & Southern	Atchison Topeka & Santa Fe.
Chicago Gas	People's Gas L. & Coke.	Illinois Tunnel	Chicago Subway.
Chicago Gas Light & Coke	People's Gas L. & C. (Miscel. Co's).	Imperial Rolling Stock	Canadian Northern.
Chicago & Grand Trunk	Grand Trunk Western.	Indiana Bloomington & Western	Peoria & Eastern.
Chicago & Great Western	Chicago Terminal Transfer RR.	Indiana Illinois & Iowa	Chicago Indiana & Southern.
Chicago Hammond & Western	Chicago Junction.	Indianapolis Cin. & Lafayette	Cleveland Cin. Chic. & St. Louis.
Chicago & Indiana Coal	Chicago & Eastern Illinois.	Indianapolis Decatur & Western	Cincinnati Indianapolis & Western.
Chicago Ind. & St. Louis Short Line	Cleveland Cin. Chic. & St. Louis.	Indianapolis & Louisville	Chicago Indianapo. & Louisville.
Chicago & North Michigan	Pere Marquette.	Indianapolis & St. Louis	Cleveland Cin. Chic. & St. Louis.
Chicago & Northern Pacific	Chicago Terminal Transfer.	Indianapolis & Vincennes	Vandalla RR.
Chicago & Ohio River	Cincinnati Indianapolis & Western.	International Navigation	International Mercantile Marine.
Chicago & Pacific	Chicago Milwaukee & St. Paul.	Iowa & Dakota	Chicago Milwaukee & St. Paul.
Chicago Santa Fe & California.	See Atchison System, Apr. '96, Sup.	Iowa Falls & Sioux City	Dubuque & Sioux City.
Chicago & St. Louis	Atchison Topeka & Santa Fe.	Iowa Minnesota & Northwestern	Chicago & North Western.
Chicago St. Louis & New Orleans	Illinois Central.	Jackson Lansing & Saginaw	Michigan Central.
Chicago St. Louis & Pittsburg	Pittsb'rg Cincinnati Chicago & St. L.	Jefferson Clearfield Coal & Iron	Buffalo Rochester & Pittsburg.
Chicago St. Paul & Minneapolis	Chicago St. Paul Minn. & Omaha.	Jefferson Madison & Indianapolis	Pittsburg Cincinnati Chic. & St. L.
Chicago Southern	Southern Indiana.	Johnson Co. of Pennsylvania	United States Steel Corporation.
Chicago Wisconsin & Minnesota	Wisconsin Central.	Joliet & Chicago	Chicago & Alton.
Choctaw & Memphis	Chicago Rock Island & Pacific.	Junction & Breakwater	Delaware Maryland & Virginia.
Choctaw Oklahoma & Gulf	Chicago Rock Island & Pacific.	Kalamazoo Allegan & Gr. Rapids	Lake Shore & Michigan Southern.
Cincinnati Hamilton & Indianap	Cincinnati Indianapolis & Western.	Kalamazoo & White Pigeon	Lake Shore & Michigan Southern.
Cincinnati Ind. St. Louis & Chicago	Cleveland Cin. Chic. & St. Louis.	Kanawha & Hocking Coal & Coke	Hocking Valley.
Cincinnati & Indiana Western	Chicago Cincinnati & Louisville.	Kankakee & Southwestern	Illinois Central.
Cincinnati Richmond & Muncie	Chicago Cincinnati & Louisville.	Kansas City Fort Scott & Gulf	Kansas City Fort Scott & Memphis.
Cincinnati Sandusky & Cleveland	Cleveland Cin. Chic. & St. Louis.	Kansas City & Memphis Ry. Bridge	Kansas City Fort Scott & Memphis.
Cincinnati Southern	Cincinnati New Orleans & Tex. Pac.	Kansas City & Pacific	Missouri Kansas & Texas.
Cincinnati Wabash & Michigan	Cleveland Cin. Chic. & St. Louis.	Kansas City Pitts. & Gulf	Kansas City & Southern.
Clearton Steel	United States Steel Corporation.	Kansas City St. J. & Co. Bluffs	Chicago Burlington & Quincy.
Clearfield Bituminous Coal	Beech Creek.	Kansas City St. Louis & Chicago	Chicago & Alton.
Clearfield & Jefferson	Cambria & Clearfield.	Kansas City & Missouri	Kansas City Ft. Scott & Memphis.
Cleveland Columbus Cin. & Ind.	Cleveland Cin. Chic. & St. Louis.	Kansas Pacific	Union Pacific.
Cleveland Lorain & Wheeling	Baltimore & Ohio.	Kentucky Central	Louisville & Nashville.
Cleveland Fermlnal & Valley	Baltimore & Ohio.	Kentucky Distilleries & Warehouse	Distilling Co. of America.
Coal & Iron Ry.	Western Maryland.	Knox & Lincoln	Maine Central.
Coal River & Western	Chesapeake & Ohio.	Lake Eric & Detroit River	Pere Marquette.
Colorado Bridge	International & Great Northern.	Lake Superior Consol. Iron Mines	United States Steel Corporation.
Colorado Industrial Co.	Colorado Fuel & Iron.	Lamson Consol. Store Service	American Pneumatic Service.
Columbia & Greenville	Southern Railway.	Leamington & St. Clair	Canada Southern.
Columbian El. Car Light. & Brake	Consol. Ry. El. Lighting & Equip.	Lehigh & Delaware	Lehigh & New England.
Columbia & St. Louis	Wabash.	Lehigh & New York	Lehigh Valley.
Columbus Connecting & Terminal	Norfolk & Western.	Lehigh & Susquehanna	Lehigh Coal & Navigation (Miscel.
Columbus & Hocking Valley	Hocking Valley.	Lehigh & Wilkesbarre Coal	Central RR. of New Jersey.
Columbus & Indianapolis Central	Pittsb. Cincinnati Chic. & St. Louis.	Leroy & Caney Valley	Missouri Pacific.
Columbus & Toledo	Hocking Valley.	Lexington & Frankfort	Louisville & Nashville (L. C. & Lex.
Commercial Cable	Mackay Companies.	Leyland Line	International Mercantile Marine.
Commercial Union Telegraph	Commercial Cable.	Lincoln & Northwestern	Chicago Burlington & Quincy.
Consolidated Gas Co. of Balt.	Consol. Gas, Elec. Light & Power.	Lincoln Park & Charlotte	Buffalo Rochester & Pittsburg.
Consolidated Ice	American Ice.	Lindsay Bobeaygeon & Pontypool	Canadian Pacific.
Consolidated Indiana Coal	Chicago Rock Island & Pacific.	Little Rock Bridge	Chicago Rock Island & Pacific.
Consol. Kan. City Smelt'g & Refin'g	American Smelting & Refining.	Little Rock Jet.—Little R. & Ft. Smith	Missouri Pacific.
Consolidated Real Estate	Lehigh Valley.		
Consolidated Stone	Chic. Indian. & Louisville.		
Consumers' Gas	People's Gas L. & C. (Miscel. Co's).		
Continental Coal	Hocking Valley.		

Name.	Will Be Found Under—
Locomo. & Mach. Co. of Montreal	See American Locomotive Co.
Long Dock Company	Erie RR.
Long Island City & Flushing	Long Island.
Long Island Electrical Companies	Long Island.
Lorain & West Virginia	Wheeling & Lake Erie
Louisiana & Missouri River	Chicago & Alton.
Louisville Cincinnati & Lexington	Louisville & Nashville.
Louisville & Frankfort	Louisville & Nashv.—L. C. & Lex
Louisville & Nashville Terminal	Louisville & Nashville.
Louisville New Albany & Chicago	Chicago Indianapolis & Louisville.
Louisville New Orleans & Texas	Illinois Central (Yazoo & M. V.)
Louisville Southern	Southern Railway.
Madison Gas & Electric	American Light & Traction.
Mahoning Coal	Lake Shore & Michigan So. System.
Manitoba Southwest'n Colonization	Canadian Pacific.
Mankato & New Ulm	Chicago & North Western.
Maricopa & Phoenix	Maricopa & Phoenix & Salt Riv. Val.
Marietta & North Georgia	Atlanta Knoxville & Northern.
Marquette & Bessemer Dock & Nav	Pere Marquette.
Marquette Houghton & Ontonagon	Duluth South Shore & Atlantic.
Maryland & Pennsylv. Terminal	Maryland & Pennsylvania.
Massawippi	Connecticut & Passumpsic.
Maysville & Lexington	Kentucky Central.—Louis. & Nash.
McKeesport & Belle Vernon	Pittsb. McKeesport & Youghiogheny
Memphis & Charleston	Southern Railway.
Merchants' Bridge	St. Louis Merch'ts' Bridge Ter RR.
Metropolitan Elevated	Manhattan Elevated.
Mexican Eastern	Interoceanic of Mexico.
Michigan Lake Superior	Lake Superior Corporation.
Midland of New Jersey	New York Susquehanna & Western.
Midland Terminal	Cripple Creek Central.
Milwaukee & Lake Winnebago	Wisconsin Central.
Milwaukee Lake Shore & Western	Chicago & North Western.
Milwaukee & Northern	Chicago Milwaukee & St. Paul.
Minneapolis & Duluth	Northern Pacific.
Minneapolis & Pacific	Minneap. St. P. & Sault Ste Marie.
Minneap. Sault Ste. Marie & Atl'tic	Minneap. St. P. & Sault Ste Marie.
Minneapolis Union, Minn. Western	Great Northern.
Minnesota Dakota & Pacific	Minneapolis & St. Louis.
Minnesota & Iowa	Chicago & North Western.
Minnesota & South Dakota	Chicago & North Western.
Mississippi River Bridge	Chicago & Alton.
Missouri Kansas & Eastern	Missouri Kansas & Texas.
Missouri Kansas & Oklahoma	Missouri Kansas & Texas.
Missouri & Western	St. Louis & San Francisco
Mobile & Bay Shore	Mobile & Ohio.
Monongahela River RR.	Baltimore & Ohio.
"Monon Route"	Chicago Indianapolis & Louisville.
Montana Central	Great Northern.
Montreal Warehousing	Grand Trunk.
Montauk Extension RR.	Long Island.
Morris Canal	Lehigh Valley.
Mount Morris Electric Light	Consolidated Gas of New York.
Mt. Vernon Woodberry Cot. Duck	Consolidated Cotton Duck
Mutual Fuel Gas	People's Gas Light & Coke.
Nashville Florence & Sheffield	Louisville & Nashville.
National Starch	Corn Products.
National Steel	United States Steel Corporation.
Nebraska	Chicago Burlington & Quincy
New Amsterdam Gas	Consolidated Gas of New York
New Brunswick	Canadian Pacific.
New England	New York New Haven & Hartford.
Newburg & New York	Erie RR.
New Haven & Derby	New York New Haven & Hartford.
New Orleans Mobile & Texas	Louis. & Nash. (N. O. & Mobile Div)
Newport & Cincinnati Bridge	Louisville & Nashville.
Newport & Richford	Connecticut & Passumpsic.
New York Bay Extension	Long Island.
New York Biscuit	National Biscuit.
New York Elevated	Manhattan Elevated.
New York & Erie	Erie RR.
New York Fire Protection	American Dist. Tel. Co. of N. J.
N. Y. Gas Elec. Lt. Heat & Power	Consolidated Gas of New York.
New York Glucose	Corn Products.
New York Lake Erie & Western	Erie RR.
New York Mutual Gas	Consolidated Gas of New York.
New York & N. Eng. Bost. Term.	New York New Haven & Hartford.
New York & Northern	New York & Putnam.
New York Pennsylvania & Ohio	Erie RR.
New York Providence & Boston	New York New Haven & Hartford.
N. Y. & Queens Gas & Electric	N. Y. & Queens Elec. Lt. & Power.
New York & Rockaway	Long Island.
New York Texas & Mexican	Galveston Har. & San Antonio.
New York & Wilkesbarre Coal	New York Susquehanna & Western.
Niles Tool Works Co.	Niles-Bement-Pond Co.
Nodaway Valley	Chicago Burlington & Quincy.
Norfolk & Carolina	Atlantic Coast Line RR.
Norfolk Terminal & Transportat'n	Chesapeake & Ohio.
Northampton	Lehigh & New England.
Northeastern Cuba	Cuba Eastern.
Northeastern RR. of So. Carolina	Atlantic Coast Line RR.
Northern Illinois	Chicago & North Western.
North Pacific Coast	North Shore.
North Wisconsin	Chic. St. Paul Minn. & Omaha.
Northern California	Southern Pacific RR.
Northern Maine Seaport	Bangor & Aroostook.
Northern Ry. of Costa Rica	United Fruit (Miscel. Companies).
Northwestern Grand Trunk	Grand Trunk Western.
Northwestern Union	Chicago & North Western.
Ocean Steamship	Central of Georgia Ry.
Ogden Gas	People's Gas Light & Coke.
Ogdensburg & Lake Champlain	Rutland RR.
Ogdensburg Terminal	Rutland RR.
Ohio Indiana & Western	Peoria & Eastern.
Ohio & Little Kanawha	Baltimore & Ohio.
Ohio River	Baltimore & Ohio.
Ohio Southern	Detroit Toledo & Ironton.
Ohio & West Virginia	Hocking Valley.
Omaha & Grant Smelting	American Smelting & Refining.
Ontario & Quebec	Canadian Pacific.
Oswego & Rome	Rome Watertown & Ogdensburg.
Ottumwa Cedar Falls & St. Paul	Chicago & North Western.
Ozark Equipment	Kansas City Ft. Scott & Memphis.
Pembroke Southern	Canada Atlantic.
Penn.-Maryland Coal	Pennsylvania Steel.
Pennsylvania & N. Y. Canal	Lehigh Valley.
Pennsylvania & Northwestern	Cambria & Clearfield.
Penobscot Shore Line	Maine Central.
Pensacola & Atlantic	Louisville & Nashville.
Peoria & Northwestern	Chicago & North Western.
Petersburg	Atlantic Coast Line RR.
Phila. Germant'n & Chestnut Hill	Connecting Ry.
Philadelphia & Reading	Reading Company.
Piedmont & Cumberland	Western Maryland.
Pine Bluff & Western	St. Louis Iron Mount. & Southern.
Pittsburg Cleveland & Toledo	Baltimore & Ohio.
Pittsburg Junction	Baltimore & Ohio.
Pittsburgh Lisbon & Western	Wheeling & Lake Erie.
Pittsburg Newcastle & Lake Erie	Baltimore & Ohio.

Name.	Will Be Found Under—
Pittsburg Shenango & Lake Erie	Pittsburg Bessemer & Lake Erie.
Pittsburgh Virginia & Charleston	Pennsylvania.
Pittsburg & Western	Baltimore & Ohio.
Pleasant Hill & De Soto	Kansas City Clinton & Springfield.
Pleasant Valley Coal	Denver & Rio Grande.
Portland & Ogdensburg	Maine Central.
Portland & Rochester	Boston & Maine.
Portsmouth Great Falls & Conway	Boston & Maine.
Postal Telegraph Cable	Mackay Companies.
Potomac Valley	Western Maryland.
Pratt & Whitney	Niles-Bement-Pond Co.
Prescott & Eastern	Santa Fe Prescott & Phoenix.
Princeton & Northwestern	Chicago & North Western.
Providence & Springfield	New York New Haven & Hartford.
Providence Terminal	New York New Haven & Hartford.
Qu'Appelle L'g La'e & Sask	Canadian Northern
Raleigh & Augusta	Ral. & Gaston Seaboard Air Line.
Ravenswood Spencer & Glenville	Ohio River.
Republican Valley	Chicago Burlington & Quincy.
Richmond & Danville	Southern Railway.
Richmond & Petersburg	Atlantic Coast Line RR.
Richmond York River & Ches.	Southern Railway.
Rio Grande Western	Denver & Rio Grande.
River Front	Pennsylvania.
Rochester & Pittsburg	Buffalo Rochester & Pittsburg.
Rochester & Pittsburg Coal & Iron	Buffalo Rochester & Pittsburg.
Rock Island Ark. & Louisiana	Chicago Rock Island & Pacific.
Rutland-Canadian	Rutland.
Rutland Transit	Rutland RR.
St. Charles Bridge	Wabash.
St. Clair Madison & St. Louis Belt	Missouri & Illinois Bridge & Belt.
St. Clair Steel	United States Steel Corporation.
St. Clair Terminal RR	United States Steel Corporation.
St. Joseph Gas	American Light & Traction.
St. Lawrence & Ottawa	Canadian Pacific.
St. Louis Bridge	Terminal Association of St. Louis.
St. Louis Council Bluffs & Omaha	Wabash.
St. Louis Iron Mount'n & Southern	Missouri Pacific System.
St. Louis Southern	Illinois Central System.
St. Louis Wichita & Western	St. Louis & San Francisco.
"St. Paul"	Chicago Milwaukee & St. Paul.
St. Paul & Duluth	Northern Pacific.
St. Paul Gaslight	American Light & Traction.
St. Paul Minneapolis & Manitoba	Great Northern.
St. Paul & Sioux City bonds	Chic. St. Paul Minn. & Omaha.
St. Paul Stillwater & T. F.	Chic. St. Paul Minn. & Omaha.
Sandusky Mansfield & Newark	Baltimore & Ohio.
San Francisco & San Joaquin Val.	Atchison Topeka & Santa Fe.
Saranac & Lake Placid	Chateaugay & Lake Placid.
Sault Ste. Marie & Southwestern	Chic. St. Paul Minneap. & Omaha.
Savannah Florida & Western	Atlantic Coast Line RR.
Schenectady & Duanesburg	Delaware & Hudson.
Schuylkill River East Side	Baltimore & Ohio.
Scioto Valley & New England	Norfolk & Western.
Seaboard & Roanoke	Seaboard Air Line.
Sea Coast	Atlantic City.
Sherman Shreveport & Southern	Missouri Kansas & Texas.
Shore Line	New York New Haven & Hartford.
Shreveport Bridge & Terminal	St. Louis Southwestern.
Silver Springs Ocala & Gulf	Atlantic Coast Line RR.
Sioux City & Pacific	Chicago & North Western.
Sodus Bay & Southern	Elmira & Lake Ontario.
South Carolina & Georgia	Southern Ry., Carolina Division.
South Platte Canal & Reservoir	Denver Union Water.
Southeastern & St. Louis	Louisville & Nashville.
Southern Iowa	Chicago & North Western.
Southern Minnesota	Chicago Milwaukee & St. Paul.
Southern Pacific Branch	Southern Pacific of California.
Southwest Pennsylvania	Pennsylvania.
Spartanburg Union & Columbia	Southern Ry., Carolina Division.
Spokane Falls & Northern	Great Northern.
Springfield Union Depot	Cleveland Cin. Chic. & St. Louis.
Standard Gas	Consolidated Gas.
Sturgis Goshen & St. Louis	Lake Shore & Michigan Southern.
Suffolk & Carolina	Norfolk & Southern
Sugar Trust	American Sugar Refining.
Sumter & Wateree	Southern Ry., Carolina Division
Sunbury Hazleton & Wilkes-Barre	Pennsylvania.
Sunbury & Lewiston	Pennsylvania.
Taylor's Falls & Lake Superior	Northern Pacific.
Tarkio Valley	Chicago Burlington & Quincy.
Terre Haute & Indianapolis	Vandalia RR.
Terre Haute & Logansport	Vandalia RR.
Terre Haute & Southeastern	Evansville & Indianapolis.
Texas Mexican	National RR. of Mexico.
Texas & Oklahoma	Missouri Kansas & Texas.
Toledo Angola & Western	Toledo Ry. & Terminal.
Toledo Canada Southern & Detroit	Michigan Central.
Toledo Riverside	Toledo Ry. & Terminal.
Toronto Grey & Bruce	Canadian Pacific.
Troy & Boston	Fitchburg.
Tunnel Railroad of St. Louis	Terminal Ass'n of St. Louis.
United Elec. Light & Power, Balt.	Consoi. Gas Elec. Lt. & Power.
United Elec. Lt. & Power of N. Y.	Consolidated Gas.
United States Cordage	Standard Rope & Twine (Misc.Co's).
United States Leather	Central Leather.
United States Sugar Refinery	National Starch.
Upper Coos	Maine Central.
Utah Central	Denver & Rio Grande.
Utah Fuel	Denver & Rio Grande.
Utah & Northern	Oregon Short Line.
Utica & Black River	Rome Watertown & Ogdensburg.
Verdigris Val. Independ'ce & West	Missouri Pacific.
Vermont Valley	Connecticut River.
Vicksburg & Meridian	Alabama & Vicksburg.
Virginia & Southwestern	Southern Ry
Waco & Northwestern	Houston & Texas Central Railway.
Walker Co.	West'ghouse El. & Man. (Misc.Co's).
Warwick Valley	Lehigh & Hudson River.
Washington Ohio & Western	Southern Ry.
Webster Coal & Coke	Pennsylvania Coal & Coke.
Wellington Grey & Bruce	Grand Trunk.
West River	New London Northern.
West Va. Cent. & Pittsburgh	Western Maryland.
Western Equipment	Pere Marquette.
Western Minnesota	Northern Pacific.
Western North Carolina	Southern Railway.
Western Pennsylvania	Pennsylvania.
West Jersey	West Jersey & Seashore.
West Virginia & Pittsburg	Baltimore & Ohio.
Wilkes-Barre & Eastern	N. Y. Susquehanna & Western.
Willmar & Sioux Falls	Great Northern.
Wilmington Columbia & Augusta	Atlantic Coast Line RR.
Wilm. & Weidon—Wilm. & Newbern	Atlantic Coast Line RR.
Winona & St. Peter	Chicago & North Western.
Wisconsin Valley	Chicago Milwaukee & St. Paul.
Wood Worsted Mill Corporation	American Woolen.
Worthington, Henry R. Co	International Steam Pump Co.
York & Peach Bottom	Maryland & Pennsylvania.
Yosemite Short Line	Sierra Ry. of California.

# **EVERSZ & COMPANY**

**BANKERS**

220 LA SALLE ST.  
CHICAGO

37 PINE STREET  
NEW YORK

**RAILROAD BONDS**

## Marshall, Spader & Company

74 BROADWAY AND WALDORF-ASTORIA,  
NEW YORK.

MEMBERS

NEW YORK STOCK EXCHANGE,  
NEW YORK COTTON EXCHANGE,

NEW YORK COFFEE EXCHANGE,  
CHICAGO BOARD OF TRADE,

PHILADELPHIA STOCK EXCHANGE.

BRANCH OFFICES:

HOTEL BELLEVUE-STRATFORD,  
PHILADELPHIA.

UNION TRUST BUILDING,  
BALTIMORE.

216 LA SALLE STREET  
CHICAGO, ILL.

## A. O. Brown & Co.

Members:

N. Y. Stock Exchange.  
N. Y. Cotton Exchange.  
Chicago Board of Trade.

30 Broad Street, New York.

Private

Wires to all  
Principal Cities.

BRANCH OFFICES:

Waldorf-Astoria, N. Y.

Buffalo, N. Y.

Scranton, Pa.

Cincinnati, O.

Erie, Pa.

Williamsport, Pa.

Wilkes-Barre, Pa.

Railway Bonds and other Investment Securities

A Specialty.

# MASON, LEWIS & CO.,

**BANKERS,**

CHICAGO,  
MONADNOCK BLDG.

PHILADELPHIA,  
503 CHESTNUT ST.

BOSTON,  
60 DEVONSHIRE ST.

*Municipal, Railroad and Corporation Bonds.*

CHOICE ISSUES OF  
STREET RAILWAY AND GAS COMPANIES.

LIST ON APPLICATION.

---

We solicit offerings of entire issues of

STEAM RAILWAY, WATER WORKS and  
ELECTRIC RAILWAY, GAS AND ELECTRIC CO  
**BONDS.**

**W. J. HAYES & SONS,**  
**BANKERS,**

State Street, Corner Devonshire Street,  
BOSTON.

Chamber of Commerce Building,  
CLEVELAND, O.

---

# E. D. SHEPARD & CO.,

**BANKERS**

31 NASSAU ST., NEW YORK  
COR. MILK & DEVONSHIRE STS., BOSTON

BONDS FOR INVESTMENT

---

# T. A. MCINTYRE & COMPANY,

MEMBERS OF NEW YORK STOCK EXCHANGE,

71 BROADWAY: - - NEW YORK.

*United States Government Bonds.*

INVESTMENT SECURITIES.

GUARANTEED STOCKS.



THEO. H. FREELAND, PRESIDENT  
EDMUND C. CONVERSE

CHAIRMAN OF THE BOARD

WARREN L. GREEN, VICE-PRESIDENT

JARED K. MYERS, SECOND VICE-PRESIDENT

JOHN E. CURRIER, SECRETARY AND TREASURER

# AMERICAN BANK NOTE COMPANY

78 TO 86 TRINITY PLACE, NEW YORK

BUSINESS FOUNDED 1795

## ENGRAVERS AND PRINTERS OF BONDS AND STOCK CERTIFICATES

And all other documents requiring security; Bank Notes, Bonds, Postage and Revenue Stamps for Foreign Governments; Drafts, Checks, Bills of Exchange, Letter Heads, etc.

## ENGRAVING AND PRINTING

Executed in the finest and most artistic style from steel plates, with special safeguards to prevent counterfeiting. Special papers manufactured exclusively for use of this Company.

## SAFETY COLORS \* SAFETY PAPERS

WORK EXECUTED IN FIRE-PROOF BUILDINGS

## RAILWAY PRINTING OF ALL DESCRIPTIONS

Railway Tickets, Maps, Folders and illuminated Show Cards of the most approved styles. Numbered, Local and Coupon Tickets of any size, pattern, style or device, with steel plate tints.

## LITHOGRAPHIC AND TYPE PRINTING OF ALL KINDS