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MADRAS RECORD OFFICE.

Government of Madras.

DEPARTMENT.

G.O. No. 910-11	Press
530-532.	Mis.
Dated 31-3	1870.

Not to be folded or roughly handled

*Proceedings of the Madras Government, Public Works Department,
31st March 1870.*

No. 530. Read the following letter from the Consulting Engineer for Railways, Madras, to the Secretary to Government, Public Works Department, dated 17th March 1870, No. 113:—

I HAVE the honour to submit the Revenue Account of the Madras Railway for the half-year ended the 31st December 1869, accompanied by the following brief remarks. The detailed analysis, in which the several items of receipts and expenditure will be noticed in detail, shall be submitted in due course.

2. Beyond the net profit statements and the certificates given in page 18 of the forms of the new system of Accounts, * G. O., No. 443, 8th Feb 1870, the Agent was not able, from the lateness of the receipt of the Order,* to furnish the Accounts in the revised form.

SOUTH-WEST LINE.

3. The half-yearly receipts, working expenses, and balances have been as follows since the 1st July 1867:—

	HALF-YEAR ENDED THE.				
	31st Dec. 1867.	30th June 1868.	31st Dec. 1868.	30th June 1869.	31st Dec. 1869.
Miles open...	492	492	492	492	492
Gross receipts...	RS. 20,38,471	RS. 23,05,415	RS. 22,80,365	RS. 22,81,254	RS. 23,00,179
Working expenses ..	9,37,870	9,90,170	10,24,634	10,36,769	13,48,431
Balance ...	11,00,601	13,15,275	12,55,732	12,44,485	9,51,748

4. The gross receipts during the half-year are satisfactory; and but for the large sum absorbed in working expenses, the balance would compare favourably with that of any previous period. The largeness of the working expenses is entirely due to the unusual expenditure under the head of "Maintenance," as will be shown in the Analytical Report; this is chiefly accounted for by the fact that a considerable portion of the line was renewed with iron-sleepers during the half-year.

5. The following statement gives the number of passengers of each class, and the receipts realized from them during the five half-years in question:—

	HALF-YEAR ENDED THE				
	31st Dec. 1867.	30th June 1868.	31st Dec. 1868.	30th June 1869.	31st Dec. 1869.
<i>Passengers.</i>	No.	No.	No.	No.	No.
First Class ...	3,550	3,885	3,769½	3,865½	3,735½
Second do. ...	30,064	27,239	29,967	37,953	47,917
Third do. ...	7,24,069	7,66,047	7,33,377	7,30,265	6,71,987
Cooly do. ...	...	...	...	70,505	88,690
<i>Receipts.</i>	RS.	RS.	RS.	RS.	RS.
First Class ...	55,303	60,292	62,422	65,596	64,349
Second do. ...	67,016	59,782	61,817	67,184	73,398
Third do. ...	5,45,044	5,69,704	5,88,795	5,80,697	5,67,198
Cooly do. ...	...	...	...	27,760	34,845

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31st March 1870.*

6. Comparing the figures for the half-year under review with those of the corresponding period in 1868, it will be seen that both in numbers and receipts there is but little change in the first class; in the second class there is a considerable increase, but a greater decrease in the third class. The net loss on the three classes is more than counter-balanced by the cooly class. On the whole the comparison is in favour of the half-year which has just ended.

7. The goods traffic, exclusive of Railway materials, has been as follows:—

	HALF-YEAR ENDED THE				
	31st Dec. 1867.	30th June 1868.	31st Dec. 1868.	30th June 1869.	31st Dec. 1869.
Goods Tons.	127,979 87	135,180 88	143,536 32	142,628 00	141,610 28
Receipts Rs.	11,11,110	12,44,232	12,15,159	12,27,360	11,61,576

the receipts showing a slight falling off as compared with the corresponding period of last year.

8. The gross receipts from all sources, the working expenses, and the net profits per mile have been as follows during the last five half-years:—

	HALF-YEAR ENDED THE				
	31st Dec. 1867.	30th June 1868.	31st Dec. 1868.	30th June 1869.	31st Dec. 1869.
	RS.	RS.	RS.	RS.	RS.
Gross receipts per mile open ...	4,143 2	4,685 9	4,634 87	4,636 69	4,675 16
Working expenses " ...	1,907 2	2,012 5	2,082 57	2,107 25	2,740 71
Net profits " ...	2,237 0	2,673 4	2,552 30	2,529 44	1,934 45

9. The per-centage of the gross traffic earnings absorbed by the working expenses has been as follows during the last five half-years:—

HALF-YEAR ENDED THE				
31st Dec. 1867.	30th June 1868.	31st Dec. 1868.	30th June 1869.	31st Dec. 1869.
RS.	RS.	RS.	RS.	RS.
46 00	42 95	44 93	45 45	48 62

NORTH-WEST LINE.

10. The following statement shows the half-yearly receipts, working expenses, and balances since 1st July 1867.

*Proceedings of the Madras Government, Public Works Department,
31st March 1870.*

	HALF-YEAR ENDED THE				
	31st Dec. 1867.	30th June 1868.	31st Dec. 1868.	30th June 1869.	31st Dec. 1869.
	No.	No.	No.	No.	No.
Miles open	153	153	2 months 153 4 do. 185	185	1 month 185 5 do. 215
Do. charged to revenue	2 months 79 4 do. 119	119	1 do. 119 5 do. 153	153	153
	RS.	RS.	RS.	RS.	RS.
Gross receipts ...	4,70,431	8,03,926	7,86,364	6,54,114	9,02,254
Works expenses ...	1,90,417	2,51,392	2,96,624	2,63,903	3,68,558
Balance...	2,80,014	5,52,534	4,89,740	3,90,211	5,33,696

11. The following statement gives the number of passengers of each class, and the receipts realized from them during the five half-years in question:—

	HALF-YEAR ENDED THE				
	31st Dec. 1867.	30th June 1868.	31st Dec. 1868.	30th June 1869.	31st Dec. 1869.
<i>Passengers.</i>	No.	No.	No.	No.	No.
First Class	338	473	343	387	461 1/2
Second do.	2,407	2,722	2,707	3,145	3,819
Third do.	2,11,026	2,04,371	2,13,503	2,16,948	2,26,863
<i>Receipts.</i>	RS.	RS.	RS.	RS.	RS.
First Class	2,558	4,116	3,398	5,083	5,278
Second do.	4,024	4,169	4,154	5,513	7,675
Third do.	1,22,748	1,26,928	1,37,280	1,62,605	1,65,373

12. Taking into consideration the greater length of line open to traffic, the number of passengers and receipts from each class bear a not unfavourable comparison with the figures for the corresponding half of 1868.

13. The goods traffic, exclusive of Railway materials, has been as follows:—

	HALF-YEAR ENDED THE				
	31st Dec. 1867.	30th June 1868.	31st Dec. 1868.	30th June 1869.	31st Dec. 1869.
Goods Tons	32,814 27	38,916 92	43,242 4	38,067 56	41,675 15
Receipts Rs.	2,53,794	4,44,916	4,42,517	3,98,031	4,75,144

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31st March 1870.

14. As compared with the corresponding half of 1868, there is a falling off in the aggregate weight of goods; while the increase in the receipts is not in proportion to the increase in the length of open line.

15. The gross receipts from all sources, the working expenses, and the net profits per mile have been as follows during the last five half-years:—

	HALF-YEAR ENDED THE				
	31st Dec. 1867.	30th June 1868.	31st Dec. 1868.	30th June 1869.	31st Dec. 1869.
	RS.	RS.	RS.	RS.	RS.
Gross receipts per mile open	3,074.7	5,254.4	4,510.78	3,535.75	4,295.49
Working expenses	1,803.2	2,112.5	2,013.20	1,426.50	1,755.04
Net profits	1,271.5	3,141.9	2,497.58	2,109.25	2,540.45

16. The per-centage of the gross traffic earnings absorbed by the working expenses has been as follows during the last five half-years:—

HALF-YEAR ENDED THE				
31st December 1867.	30th June 1868.	31st December 1868.	30th June 1869.	31st December 1869.
RS. 40.47	RS. 31.27	RS. 37.72	RS. 40.35	RS. 40.65

MADRAS RAILWAY.
SOUTH-WEST LINE.

Dr. Open 407 miles from Madras to Beypore, 12th May 1862, and 85 miles from Jollapett to Bangalore, 1st August 1864.
Revenue Account for the half-year ending 31st December 1869.

Cr.

Expenditure.	Per-cent- age of Revenue.	Receipts.
To maintenance of Way, Works, and Stations Abstract A.	28.51	By Passengers—
“ Locomotive Power do. B.	18.09	First Class No. 3,735½
“ Repairs of Carriages and Waggon do. C.	1.46	Second “ 47,917
“ Traffic Expenses do. D.	7.35	Third “ 6,71,987
“ General Charges do. E.	3.21	Cooley “ 88,690
“ Special and Miscellaneous Expenses do. F.	.....	Periodical Ticket 1
“ Home Payments included in Maintenance of Way, Works, and Stations do. A. P.	.....	By Parcels, Horses, Carriages, and Dogs 80 0 0
“ Locomotive Power 79 6 8	.....	“ Merchandise 93,067 10 1
“ General Charges 3,156 1 9	.....	“ Live Stock 13,34,078 4 0
“ Balance 9,424 3 6	.....	“ Special and Miscellaneous Receipts—
		Telegraph Receipts 5,488 12 5
		Hire of Ballast Engines 21,456 10 8
		Mileage of vehicles 78,311 5 1
		Shunting “ 744 0 0
		Rents of bungalows 16,218 1 9
		Do. Refreshment Rooms 4,370 13 0
		Sale of Unclaimed property 974 14 8
		Do. Revenue Stores 1,001 15 8
		Interest on traffic earnings 1,624 2 3
Total	100.00	Total
		1,30,190 11 6
		23,00,179 5 7

MADRAS, 12th March 1870.

(Signed) F. CHURCH, Chief Auditor.

(Signed) J. H. M. SHAW STEWART, Major, R.E., Consulting Engineer for Railways.

(Signed) F. G. HANKIN, Major, Examiner of Railway Accounts.

(Signed) A. K. THOMSON, Chief Accountant.

(Signed) R. B. ELWIN, Agent and Manager.

*Proceedings of the Madras Government, Public Works Department,
31st March 1870.*

ABSTRACTS.
SOUTH-WEST LINE.
For the half-year ended 31st December 1869.
A.—MAINTENANCE OF WAY, WORKS, AND STATIONS.

	RS. A. P.	RS. A. P.
Salaries, Office Expenses, and General Superintendence ...	.....	45,975 9 6
Maintenance and renewal of Permanent Way—		
Wages	2,35,135 15 11	
Materials	2,83,964 10 10	
Engine Power... ..	14,297 13 5	
Repairs of roads, bridges, signals, telegraph, and works ... ..	.....	5,33,398 8 2
Repairs of stations and buildings ... ..	.....	48,032 4 8
Miles maintained—		
Double ... {The bridges are most of them constructed to carry a double line.		
Single ... {The embankments, cuttings, and rails provide for a single line only.		
Total... 491½		
Total...	.....	6,55,622 4 5

B.—LOCOMOTIVE POWER.

	RS. A. P.	RS. A. P.
Salaries, Office Expenses, and General Superintendence...	.....	26,239 2 10
Running Expenses—		
Wages connected with the working of Locomotive Engines	80,662 4 9	
Coal, Coke, and Wood... ..	1,85,708 5 7	
Water	7,324 9 4	
Oil, Tallow, and other Stores... ..	16,376 2 2	
Repairs and Renewals—		
Wages	48,928 12 7	
Materials	50,932 14 4	
Total...	.....	2,90,071 5 10
Total...	.....	99,861 10 11
Total...	.....	4,16,172 3 7

*Proceedings of the Madras Government, Public Works Department,
31st March 1870.*

C.—REPAIRS AND RENEWALS OF CARRIAGES AND WAGGONS.

	RS. A. P.	RS. A. P.
Carriages—		
Salaries, Office Expenses, and General Superintendence	684 14 8	
Wages	5,595 14 10	
Materials	6,280 15 2	
Waggons—		
Salaries, Office Expenses, and General Superintendence	1,137 11 6	
Wages	7,986 3 8	
Materials	11,938 11 9	
Total...	.....	12,561 12 8
Total...	.....	21,062 10 11
Total...	.....	33,624 7 7

D.—TRAFFIC EXPENSES.

	RS. A. P.	RS. A. P.
Salaries and Wages		1,28,240 5 1
Lighting and General Stores		24,311 12 9
Compensation for goods		148 7 11
Printing, Stationery, and Tickets		8,445 1 0
Waggon Covers, Ropes, etc.		6,679 0 0
Miscellaneous Expenses		1,292 3 7
Total..		1,69,116 14 4

E.—GENERAL CHARGES.

	RS. A. P.	RS. A. P.
General Management Salaries		45,861 3 3
Office Expenses		1,769 12 9
Law Charges		538 8 5
Home Establishment		8,602 8 4
Fire Insurance on Buildings, Plant, and Stores		14,025 15 7
Do. Goods in Transit		3,096 13 9
Total...		73,894 14 1

F.—SPECIAL AND MISCELLANEOUS EXPENSES.

MADRAS,
12th March 1870.

(Signed)

F. CHURCH,
Chief Auditor.

(Signed)

A. K. THOMSON,
Chief Accountant.

(Signed)

R. B. ELWIN,
Agent and Manager.

(Signed)

F. G. HANKIN, Major,
Examiner of Railway Accounts.

*Proceedings of the Madras Government, Public Works Department,
31st March 1870.*

MADRAS RAILWAY.

South-West Line.

SOUTHERN WARE HOUSE.

Statement showing in detail the earnings under each head of Traffic for the half-year ended 31st December 1869.

Description of traffic.				Number.	Amount.			Total.	
					RS.	A.	P.	RS.	A.
First-class passengers	...	...	...	2,460½	39,721	7	0		
Second ..	...	...	...	45,457	65,525	9	0		
Third ..	...	...	...	6,25,419	4,95,313	14	0		
Cooly ..	...	...	...	88,690	34,844	15	0		
Periodical Ticket	...	...	...	1	80	0	0		
Return Fares	First Class	...	...	1,142½	20,488	13	0		
"	Second ..	...	...	1,687	5,483	15	0		
"	Third ..	...	...	30,409	37,788	10	0		
Soldiers	First ..	...	...	58½	1,185	14	0		
"	Second ..	...	...	408	2,051	13	0		
"	Third ..	...	...	8,922	20,847	0	0		
Excess Fares	First ..	...	...	74	517	14	0		
"	Second ..	...	...	365	336	9	0		
"	Third ..	...	...	7,237	1,594	6	0		
Special Trains	...	...	...	.....	3,432	4	0		
Extra Troop Train	...	...	...	.....	11,654	9	0	7,39,870	8. 0
Parcels	...	...	...	...	37,532	9	0		
Baggy Parcels	...	...	...	.....	872	12	1		
Passengers' Luggage	...	...	...	.....	20,669	3	0		
Horses, Carriages, and Dogs	...	...	...	.....	33,993	2	0	93,067	10 1
Merchandise	...	Maunds	...	38,54,935-16½	11,61,576	3	7		
Materials	...	...	...	8,92,901-25	1,65,983	9	0		
Locomotive Fuel	...	...	...	.....	3,192	0	0		
Rent and Demurrage	...	...	...	.....	3,326	7	5	13,34,078	4 0
Live Stock	...	...	...	.....	.....			2,972	4 0
Telegraph Receipts	...	...	...	.....	5,488	12	5		
Unclaimed Property	...	...	...	.....	974	14	8		
Rents of Bungalows	...	...	...	.....	16,218	1	9		
Refreshment Rooms	...	...	...	.....	4,370	13	0		
Sale of Stores	...	...	...	.....	1,001	15	8		
Mileage of vehicles	...	...	...	.....	78,311	5	1		
Shunting	...	...	...	.....	744	0	0		
Hire of Ballast Engines	...	...	...	.....	21,456	10	8		
Interest on Traffic Earnings	...	...	...	.....	1,624	2	3	1,30,190	11 6
Total	...	...	.....	.....	.....			23,00,179	5 7
Train Mileage.									
Passenger Trains	...	...	5,71,355	Gross earnings per mile	...			4	0 5
Goods Trains	...	...		" Expenditure "	...			2	5 9
Total	...	5,71,355							

MADEAS,
12th March 1870.

(Signed) **A. K. THOMSON,**
Chief Accountant.

(Signed) F. CHURCH,
Chief Auditor.

(Signed) R. B. ELWIN,
Agent and Manager.

*Proceedings of the Madras Government, Public Works Department,
31st March 1870.*

MADRAS RAILWAY.

SOUTH-WEST LINE.

Balance Sheet for the half-year ended 31st December 1869.

No.	Construction Accounts.	RS.	A. P.	RS.	A. P.	No.		RS.	A. P.
C 443	Line open for traffic ...	546,14,713	13 8			C 9	Her Majesty's Government of India Capital Account ...	254,97,120	13 8
C 463	Line in course of construction ...	4,05,051	12 4	5,50,19,765	10 0	C 404	Do. do. Advance Account ...	1,40,372	2 3
C 128	Cochin Survey ...	.....		13,256	4 3	C 18	London Office Store Account ...	435,17,911	10 3
C 453	Working stock ...	.....		106,08,863	14 4	C 368	Do. Home Payments Account ...	4,42,501	6 10
	Advances to Company's Officers, etc.					R 737	Her Majesty's Government of India Revenue Advance Account.		
C 338	General Storekeeper ...	3	5 9			C 111	A. T. Wilkinson, Beyapore	1,47,035	9 9
C 227	Cashier ...	2,641	11 1			C 245	Income Tax	1,075	14 11
C 234	W. J. Collinson, Acting Locomotive Superintendent ...	25,663	12 0			C 306	Unpaid salaries and wages	678	8 0
C 254	North-West Line Advance Account ...	16,729	1 7			C 315	Profit and Loss	10,220	10 1
C 356	Suspense Account for General averages	35,506	5 1			C 327	Interest on Government and other securities	5,637	14 9
C 119	Do. for Home payments, North-West Line ...	24,510	6 5			C 343	Madras Railway Sick and Allowance Fund	80	1 10
C 396	Leading Store Advance Account.	319	11 11			C 410	Do. Employee's Guarantee Fund...	41,071	2 6
R 727	Great Southern of India Railway.	1,235	8 10			C 433	Do Contractor's Security	2,18,969	8 3
R 789	Traffic Manager's Advance Account ...	69	8 0			C 393	Refunds to Government	3,34,798	4 6
C 221	Chief Engineer's Advance Account	789	9 11			C 424	Pot Sleepers casting account	506	10 7
C 237	Home Payments Account	820	1 0			C 417	Hopkins, Gilkes and Co.	2,30,312	10 8
R 1	Traffic Cash Account	1,78,269	5 10			C 473	North-West Line Store Account.	55,417	11 11
R 768	General Suspense Account	10	0 0					62,88,631	8 1
R 756	Her Majesty's Government of India Revenue Account.	1,42,048	1 9						
	Store Accounts.			4,28,616	9 2				
C 277	Locomotive Store and Workshop Account	23,95,232	2 3						
C 286	Engineering do. do.	40,36,871	12 5						

*Proceedings of the Madras Government, Public Works Department,
31st March 1870.*

MADRAS,

12th March 1870.

(Signed) F. CHURCH,
Chief Auditor.

F. CURCII,
Chief Auditor.

(Signed) **A. K. THOMSON,**
Chief Accountant

igned) F.G. HANKIN, Major,
Examiner of Railways.

W. THOMSON, (Signed) F. G. HANKIN, Major,
Chief Accountant. Examiner of Railway Accounts.

(Signed) R. D. ELVIN.

J. H. M. SHAW STEWART, Major, R.E.,
Agent and Manager.
Consulting Engineer for Railways.

1869.

Traffic receipts paid to Government as per above Statement
Deduct Working Expenses as per Revenue Account

(Signed) **A. K. THOMSON,**
Chief Accountant.

(Signed) F. CHURCH,
Chief Auditor.

EXAMINED and found correct.
G. HANKIN, Major,
Government Examiner

ANKIN, Major,
Government Examiner.

(Signed) J. H. M. SHAW

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J. H. M. SHAW STEWART, Major, R.E.,
Consulting Engineer for Railways.

Balance being net profits for the six months...

MADRAS RAILWAY.
NORTH-WEST LINE.

Open 215 Miles from Arcanum to Gooty, 1st August 1869.
Revenue Account for the half-year ending, 31st December 1869.

Dr.

Cr.

*Proceedings of the Madras Government, Public Works Department,
31st March 1870.*

EXPENDITURE.		Per-cent. of Revenue.		Receipts.	
	RS. A. P.	RS. A. P.		RS. A. P.	
To Maintenance of Way, Works, and Stations—Abstract A. ...	53,897 1 0	5.97	By Passengers—	Number.	RS. A. P.
Locomotive Power ...	1,60,635 3 9	17.80	First Class ...	4611	5,274 3 0
Repairs of Carriages, and Waggon's ...	12,063 10 5	1.34	Second " ...	3,819	7,675 3 0
Traffic Expenses ...	47,623 13 8	5.23	Third " ...	2,26,863	1,63,372 12 0
General Charges ...	19,837 1 2	2.20	Cooly " ...	.....	.....
Special and Miscellaneous Expenses ...	74,500 11 4	8.26		2,31,143	1,78,526 6 0
			Periodical Tickets ...	.....	1,72,326 6 0
Home Payments included—			By Parcels, Horses, Carriages, and Dogs ...	.....	23,461 16 11
Maintenance of Way, Works, and Stations. 14 1 0			" Merchandise ...	.....	6,89,842 6 3
Locomotive Power ... 569 5 5			" Live Stock ...	.....	621 12 0
General Charges ... 2,712 9 10			" Special and Miscellaneous Receipts ...	.....	.....
			Telegraph Receipts ...	1,303 2 9	.....
			Mileage of Stone Trains ...	1,029 11 1	.....
			Rent of Bungalows ...	978 9 6	.....
			Do. Refreshment Rooms ...	1,661 3 8	.....
			Sale of Unclaimed property ...	200 2 4	.....
			Do. Revenue Stores ...	214 6 6	.....
			Interest on Traffic Earnings ...	4,021 5 6	.....
Balance ...	3,68,557 9 4	40.85	Total...	.....	9,621 9 4
	5,33,696 7 4	59.13			9,02,254 0 8
Total...	9,02,254 0 8	100.00			

MADRAS,
12th March 1870.

(Signed) F. CHURCH,
Chief Auditor.

(Signed) F. G. HANKIN, Major,
Examiner of Railway Accounts.

(Signed) A. K. THOMSON,

Chief Accountant.

(Signed) J. H. M. SHAW STEWART, Major, R. F.,
Consulting Engineer for Railways.

(Signed) R. R. ELWIN,

Agent and Manager.

*Proceedings of the Madras Government, Public Works Department,
31st March 1870.*

ABSTRACTS.
NORTH-WEST LINE.
For the half-year ended 31st December 1869.

A. MAINTENANCE OF WAY, WORKS, AND STATIONS.

	RS. A. P.	RS. A. P.
Salaries, Office Expenses, and General Superintendence ...	.....	10,999 7 10
Maintenance and Renewal of Permanent-way—		
Wages ...	21,759 11 9	
Materials ...	6,913 15 9	
Engine Power ...	793 7 0	
Repairs of Roads, Bridges, Signals, Telegraph, and Works ...	.....	29,467 2 6
Repairs of Stations and Buildings ...	.....	10,552 14 1
Miles Maintained—		
Double ... { The bridges are most of them constructed to carry a double line.		2,877 8 7
Single ... { The embankments, cuttings, and rails provide for a single line only.		
Total... 153½		
Total ...	.....	53,897 1 0

B. LOCOMOTIVE POWER.

	RS. A. P.	RS. A. P.
Salaries, Office Expenses, and General Superintendence ...	.....	10,859 0 1
Running Expenses—		
Wages connected with the working of Locomotive Engines.	22,829 12 5	
Coal, Coke, and Wood ...	84,814 7 7	
Water ...	2,986 11 7	
Oil, Tallow, and other Stores ...	6,537 11 9	
		1,17,168 11 4
Repairs and Renewals—		
Wages ...	17,020 10 4	
Materials ...	15,586 14 0	
		32,607 8 4
Total ...	.....	1,60,635 3 9

Proceedings of the Madras Government, Public Works Department,
31st March 1870.

MADRAS RAILWAY.

NORTH-WEST LINE.

Open 215 Miles from Arcconum to Ghootty, 1st August 1869.
Revenue Account for the half-year ending, 31st December 1869.

Dr.

Cr.

EXPENDITURE.				Per-cent. of Revenue.		RECEIPTS.					
				RS.	A. P.	By Passengers—	Number.	RS.	A. P.	ES.	A. P.
To Maintenance of Way, Works, and Stations—Abstract A. ...				53,897	1 0	First Class	461½	5,278	5 0		
" Locomotive Power ...				1,60,635	3 9	Second "	3,819	7,675	5 0		
" Repairs of Carriages, and Waggon ...				12,063	10 5	Third "	2,26,863	1,65,372	12 0		
" Traffic Expenses ...				47,623	13 8	Cooly "	—	.....	.....		
" General Charges ...				19,837	1 2						
" Special and Miscellaneous Expenses ...				74,500	11 4		2,31,143½	1,78,326	6 0		
										1,78,326	6 0
Home Payments included—						Periodical Tickets	...	.....	.....		
Maintenance of Way, Works, and Stations. 14 1 0						By Parcels, Horses, Carriages, and Dogs	...	.....	.....		23,861 14 11
Locomotive Power ... 569 5 5						" Merchandise	...	.....	.....		6,89,842 6 5
General Charges ... 2,712 9 10						" Live Stock	...	.....	.....		621 12 0
						" Special and Miscellaneous Receipts	...	.....	.....		.....
						Telegraph Receipts	...	1,303 2 9	...		
						Mileage of Stone Trains	...	1,699 11 1	...		
						Rent of Bungalows	...	978 9 6	...		
						Do. Refreshment Rooms	...	1,061 3 8	...		
						Sale of Unclaimed property	...	230 2 4	...		
						Do. Revenue Stores	...	244 6 6	...		
						Interest on Traffic Earnings	...	4,024 5 6	...		
Balance ...				3,63,557 9 4	40-85					9,601 9 4	
				5,33,696 7 4	59-15						
Total...				9,02,254 0 8	100-00		Total...		.....	9,02,254 0 8	

MADRAS,
12th March 1870.

(Signed) F. CHURCH,
Chief Auditor.

(Signed) F. G. HANKIN, Major,
Examiner of Railway Accounts.

(Signed) A. K. THOMSON,
Chief Accountant.

(Signed) R. B. ELWIN,
Agent and Manager.
(Signed) J. H. M. SHAW STEWART, Major, R. E.,
Consulting Engineer for Railways.

Proceedings of the Madras Government, Public Works Department,
31st March 1870.

ABSTRACTS.
NORTH-WEST LINE.
For the half-year ended 31st December 1869.

A. MAINTENANCE OF WAY, WORKS, AND STATIONS.

	RS.	A.	P.	RS.	A.	P.
Salaries, Office Expenses, and General Superintendence ...	.....			10,999	7	10
Maintenance and Renewal of Permanent-way—						
Wages ...	21,759	11	9			
Materials ...	6,913	15	9			
Engine Power ...	793	7	0			
Repairs of Roads, Bridges, Signals, Telegraph, and Works ...	.....			29,467	2	6
Repairs of Stations and Buildings ...	.....			10,552	14	1
Miles Maintained—				2,877	8	7
Double ... { The bridges are most of them constructed to carry a double line.						
Single ... { The embankments, cuttings, and rails provide for a single line only.						
Total... 153½						
Total ...	.....			53,897	1	0

B. LOCOMOTIVE POWER.

	RS.	A.	P.	RS.	A.	P.
Salaries, Office Expenses, and General Superintendence ...	.....			10,859	0	1
Running Expenses—						
Wages connected with the working of Locomotive Engines.	22,829	12	5			
Coal, Coke, and Wood ...	84,814	7	7			
Water ...	2,986	11	7			
Oil, Tallow, and other Stores ...	6,537	11	9	1,17,168	11	4
Repairs and Renewals—						
Wages ...	17,020	10	4			
Materials ...	15,586	14	0			
				32,607	8	4
Total ...	.....			1,60,635	3	9

NORTH-WEST LINE.

Open 215 Miles from Arconum to Ghootty, 1st August 1869.
Revenue Account for the half-year ending, 31st December 1869.

Dr.

Cr.

*Proceedings of the Madras Government, Public Works Department,
31st March 1870.*

EXPENDITURE.		Per-cent. of Revenue.		RECEIPTS.	
	ES. A. P.	ES. A. P.		ES. A. P.	ES. A. P.
To Maintenance of Way, Works, and Stations—Abstract A. ...	53,897 1 0	5.97	By Passengers—	Number.	
„ Locomotive Power ...	1,60,635 3 9	17.80	First Class	461½	5,278 5 0
„ Repairs of Carriages, and Waggon	12,063 10 5	1.34	Second „	3,819	7,675 5 0
„ Traffic Expenses ...	47,623 13 8	5.23	Third „	2,26,863	1,65,372 12 0
„ General Charges ...	19,837 1 2	2.20	Cooly „	.....	.....
„ Special and Miscellaneous Expenses ...	74,500 11 4	8.26		2,31,143½	1,78,826 6 0
Home Payments included—	ES. A. P.		Periodical Tickets	...	1,78,326 6 0
Maintenance of Way, Works, and Stations. 14 1 0			By Parcels, Horses, Carriages, and Dogs	...	23,861 14 11
Locomotive Power ...	569 5 5		„ Merchandise	...	6,80,842 6 5
General Charges ...	2,712 9 10		„ Live Stock	...	621 12 0
			„ Special and Miscellaneous Receipts	...	.....
			Telegraph Receipts	1,303 2 9	
			Mileage of Stone Trains	1,639 11 1	
			Rent of Bangalows	978 9 6	
			Do. Refreshment Rooms	1,061 3 8	
			Sale of Unclaimed property	290 2 4	
			Do. Revenue Stores	244 6 6	
			Interest on Traffic Earnings	4,024 5 6	9,601 9 4
Balance ...	3,64,557 9 4	40.85			
	5,33,696 7 4	59.15			
Total...	9,02,254 0 8	100.00	Total...		9,02,254 0 8

MADRAS, 12th March 1870.

(Signed) F. CHURCH, Chief Auditor.

(Signed) F. G. HANKIN, Major, Examiner of Railway Accounts.

(Signed) A. K. THOMSON, Chief Accountant.

(Signed) J. H. M. SHAW STEWART, Major, R. E., Consulting Engineer for Railways.

(Signed) R. B. ELWIN, Agent and Manager.

*Proceedings of the Madras Government, Public Works Department,
31st March 1870.*

ABSTRACTS.

NORTH-WEST LINE.

For the half-year ended 31st December 1869.

A. MAINTENANCE OF WAY, WORKS, AND STATIONS.

	RS.	A.	P.	RS.	A.	P.
Salaries, Office Expenses, and General Superintendence ...	.....			10,999	7	10
Maintenance and Renewal of Permanent-way—						
Wages	21,759	11	9			
Materials	6,913	15	9			
Engine Power	793	7	0			
Repairs of Roads, Bridges, Signals, Telegraph, and Works ...	.....			29,467	2	6
Repairs of Stations and Buildings ... ..	.....			10,552	14	1
Miles Maintained—				2,877	8	7
Double ... { The bridges are most of them constructed to carry a double line.						
Single ... { The embankments, cuttings, and rails provide for a single line only.						
Total... 153½						
Total ...	.....			53,897	1	0

B. LOCOMOTIVE POWER.

	RS.	A.	P.	RS.	A.	P.
Salaries, Office Expenses, and General Superintendence ...	.....			10,859	0	1
Running Expenses—						
Wages connected with the working of Locomotive Engines.	22,829	12	5			
Coal, Coke, and Wood	84,814	7	7			
Water	2,986	11	7			
Oil, Tallow, and other Stores	6,537	11	9			
				1,17,168	11	4
Repairs and Renewals—						
Wages	17,020	10	4			
Materials	15,586	14	0			
				32,607	8	4
Total ... ..	.....			1,60,635	3	9

*Proceedings of the Madras Government, Public Works Department,
31st March 1870.*

C. REPAIRS AND RENEWALS OF CARRIAGES AND WAGGONS.

	RS. A. P.	RS. A. P.
Carriages—		
Salaries, Office Expenses, and General Superintendence...	250 10 10	
Wages	2,061 15 4	
Materials	2,228 11 5	
Waggons—		4,541 5 7
Salaries, Office Expenses, and General Superintendence...	411 4 5	
Wages	2,914 15 10	
Materials	4,196 0 7	
Total ...		7,522 4 10
		12,063 10 5

D. TRAFFIC EXPENSES.

	RS. A. P.	RS. A. P.
Salaries and Wages		33,865 3 7
Lighting and General Stores		9,566 15 7
Compensation for Goods		6 13 6
Printing, Stationery, and Tickets		3,629 14 10
Waggon Covers, Ropes, etc.		
Miscellaneous Expenses... ..		554 14 2
Total ...		47,623 13 8

E. GENERAL CHARGES.

	RS. A. P.	RS. A. P.
General Management Salaries		12,608 15 11
Office Expenses		427 1 0
Law Charges		14 4 9
Rent of Terminal Buildings		678 14 0
Home Establishment		2,503 6 6
Fire Insurance on Buildings, Plant, and Stores		2,337 10 7
Do. Goods in Transit		1,266 12 5
Total ...		19,837 1 2

*Proceedings of the Madras Government, Public Works Department,
31st March 1870.*

F. SPECIAL AND MISCELLANEOUS EXPENSES.

	RS. A. P.	RS. A. P.
Hire of Rolling Stock		74,500 11 4
Total ...		74,500 11 4

MADRAS,
12th March 1870.

(Signed) A. K. THOMSON,
Chief Accountant.
(") F. CHURCH,
Chief Auditor.
(") R. B. ELWIN,
Agent and Manager.
(") F. G. HANKIN, Major,
Examiner of Railway Accounts.

Proceedings of the Madras Government, Public Works Department,
31st March 1870.

NORTH-WEST LINE.
MADRAS RAILWAY.

Statement showing in detail the Earnings under each head of Traffic for the half-year ended 31st December 1869.

Description of Traffic.	Number.	Amount.	Total.
		RS. A. P.	RS. A. P.
First-class Passengers	...	...	...
Second " "	338	3,865 2 0	...
Third " "	3,383	6,232 6 0	...
Cooly " "	2,14,388	1,56,723 9 0	...
Periodical Tickets	...	...	...
Return Fares, First-class	...	...	...
" Second " "	97	1,292 11 0	...
" Third " "	309	1,160 0 0	...
Soldiers, First " "	9,162	3,592 2 0	...
" Second " "	24	50 8 0	...
" Third " "	53	226 3 0	...
Excess Fares, First " "	2,033	4,579 13 0	...
" Second " "	24	70 0 0	...
" Third " "	74	56 12 0	...
Special Trains	1,280	477 4 0	...
Parcels	...	...	...
Banghy Parcels	...	9,454 7 0	1,78,326 6 0
Passengers' Luggage	...	438 6 2	...
Horses, Carriages, and Dogs	...	5,596 4 9	...
	...	8,372 13 0	...
Merchandise	...	...	...
Materials	11,34,450-31 1/2 Maunds.	4,75,144 2 3	23,861 14 11
Locomotive Fuel	6,63,665-27	2,07,629 3 0	...
Rent and Demurrage	...	6,393 12 0	...
	...	675 5 2	...
Live Stock	...	...	6,89,842 6 5
	...	...	621 12 0
Telegraph Receipts	...	1,303 2 9	...
Sale of Stores	...	244 6 6	...
Rents of Bungalows	...	978 9 6	...
Refreshment Rooms	...	1,061 3 8	...
Unclaimed Property	...	290 2 4	...
Mileage of Store Trains	...	1,699 11 1	...
Interest on Traffic Earnings	...	4,024 5 6	...
Total	...	...	9,601 9 4
	...	...	9,02,254 0 8
Train Mileage.			
Passenger Trains	...	...	RS. A. P.
Goods Trains	1,97,654	Gross earnings per mile	4 9 0
Total	1,97,664	" " expenditure "	1 13 10

(Signed) A. K. THOMSON,
Chief Accountant.

(Signed) F. CHURCH,
Chief Auditor.
(Signed) R. B. ELWIN,
Agent and Manager.

Proceedings of the Madras Government, Public Works Department,
31st March 1870.

MADRAS RAILWAY.
NORTH-WEST LINE.

Balance Sheet for the half-year ending 31st December 1869.

Dr.

Dr.	Cr.
Construction Account. C-192 Line open for traffic ... 199,86,250 15 3 C-205 Line in course of construction. 47,57,510 15 5 C-114 Miscellaneous Survey Account C-139 Chief Engineer's Advance Account C-159 Locomotive Superintendent's Advance Account C-156 Leading Post Sleepers Advance Account C-170 Leading Store Advance Account. 3,14,092 0 11 C-118 E. W. Barnett, Contractor C-146 Store and Workshop Account R-259 Traffic Cash Account R-215 Secretary of State in Council for India R-240 Government Securities C-151 Bank of Madras General Account R-304 Do. Madras Railway Fire Insurance Fund Total ... 351,82,855 12 10	Her Majesty's Government of India Capital Account ... 3,15,41,381 1 5 4 Do. Capital Advance Account ... 99,843 14 4 Her Majesty's Government of India Revenue Account ... 46,142 1 2 5 Do. Revenue Advance Account. ... 3,661 0 5 Buildings, Plant, and Stores Fire Insurance Fund Goods Traffic do Suspense Account for Home payments. Income Tax Refunds to Government South-West Line, Rent Account Revenue Establishment Net Revenue Account Total ... 3,51,82,855 12 10

MADRAS,
12th March 1870.

(Signed) A. K. THOMSON,
Chief Accountant.

(Signed) F. CHURCH,
Chief Auditor.

(Signed) F. G. HANKIN, Major,
Examiner of Railway Accounts.

(Signed) J. H. M. SHAW STEWART, Major, R. E.,
Consulting Engineer for Railways.

(Signed) R. B. ELWIN,
Agent and Manager.

NORTH-WEST LINE.
Statement of Net Profits of the Madras Railway for the half-year ending December 1869.

	RS.	A.	P.		RS.	A.	P.
To Balance brought from South-West Line ...	3,956	8	2	By Traffic earnings paid to Government during half-year ...	8,07,091	8	11
„ Gross Earnings as per Revenue Account ...	9,02,254	0	8	„ Deduct earnings paid in during July and August 1869, taken to account in half-year ending June 1869 ...	89,749	7	4
				„ Traffic earnings of previous half-year paid to Government during the months of January and February 1870 ...	1,80,887	9	7
				„ Interest on Traffic balances due by Government ...	9,077	14	1
				„ Less interest withdrawn by Government ...	1,097	0	5
				Balance, <i>i. e.</i> , Traffic earnings up to December 1869, unrealized on 1st March 1870, viz. :—	7,980	13	8
				„ Construction Account ...	.....		
				„ Government ...	.....		
				„ Public Companies and Traders ...	.....		
				„ Foreign Railways ...	.....		
				„ Traffic Department ...	.....		
				„ Steam Boat Service ...	.....		
				„ Sundries ...	.....		
Total ...	9,06,210	8	10	Total ...	9,06,210	8	10
Traffic receipts paid to Government as per above statement ...	...	...	...	„ ..	9,06,210	8	10
Deduct working expenses as per Revenue Account ...	...	...	...	„ ..	3,68,557	9	4
				„ ..	5,37,652	15	6
				Balance, being net profits for the six months	.....		

(Signed) A. K. THOMSON,
Chief Accountant.

(Signed) J. IL M. SHAW STEWART, Major, R. E.,
Consulting Engineer to Government.

(Signed) R. B. ELWIN,
Agent of Company.
Examined and found correct.
(Signed) F. G. HANKIN, Major,
Government Examiner.

(Signed) F. CHURCH,
Chief Auditor.

To the Consulting Engineer for Railways.

Exd. A. S. Rodgers.

Proceedings of the Madras Government, Public Works Department,
31st March 1870.

Certificate respecting the Permanent Way, etc.

I HEREBY certify that the whole of the Company's Permanent Way, Stations, Buildings, and other works have during the past half-year been maintained in good working condition and repair.

MADRAS RAILWAY,
CHIEF ENGINEER'S OFFICE,
26th February 1870.

(Signed) T. H. GOING,
Acting Chief Engineer.

Certificate respecting the Rolling Stock.

I HEREBY certify that the whole of the Company's Plant, Engines, Tenders, Carriages, Waggons, Machinery, and Tools have during the past half-year been maintained in good working order and repair.

PERAMBORE,
14th February 1870.

(Signed) W. J. COLLINSON,
Acting Locomotive Superintendent.

I HEREBY certify that the certificates given above by the Railway Officials are correct.

MADRAS,
17th March 1870.

ORDER THEREON, 31st March 1870, No. 910.

No. 531.

RAILWAY, No. 59.

ORDERED that these papers be forwarded to the Government of India :—

(Here enter No. 911, dated 31st March 1870.)

(True Extract.)
(Signed) CHARLES A. ORR, Colonel, R.E.,
Secretary to Government.

1870.

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Govt. of Madras.

PUBLIC WORKS.

To

THE CONSULTING ENGINEER FOR

RAILWAYS.

Dated March, 31st.

Recd.

Encl.

G. O., 31st March 1870, No 910

MARCH

Nos. 530-531

*Revenue Accounts (Railway) -- Passing
orders on the letter from the Consulting
Engineer submitting with remarks the
Revenue Accounts of the Madras Railway
for the second half of 1869.*

21.
PUBLIC WORKS DEPARTMENT,
FORT ST. GEORGE, 31st March 1870.

No. 532.

No. 911.

To

THE SECRETARY TO THE GOVERNMENT OF INDIA,

PUBLIC WORKS DEPARTMENT.

RAILWAY, No. 60.

SIR,—I am directed to forward, for sub-
mission to the Government of India,
copies of the Revenue Accounts of the
South-West and North-West Lines of the Madras Railway (including the Bangalore
Branch) for the half-year ending 31st December 1869, together with a report from
the Consulting Engineer for Railways on those Accounts.

2. Major Shaw Stewart explains that, as the revised forms circulated by
the Government of India with their
2nd February 1870, No 43-A-R. Orders marginally noted were not
received in time, it was only found practicable in the preparation of the accounts
now submitted to adopt the forms of the net profit statements and the certificates
given at page 19.

I have the honour to be,

Sir,

Your most obedient servant,

Colonel, R. E.,
Secretary to Government.

Encl. A. S. Rodgers.

Railway Department Comr. Engrs' Office
No. 113.

From, Major J. H. McShaw Stewart M.C.
Comr. Engrs. for Railway.

To
Colonel L. A. Orr M.C.
Secretary to Government
Public Works Department
Fort Saint George.

Sir,

I have the honour
to submit the Revenue Account
of the Madras Railway for
the half-year ended the 31st
December 1869 accompanied by
the following brief Remarks.
The detailed analysis in
which the several items of
Receipts

Receipts and expenditure will be noted in detail shall be submitted in due course.

2 Beyond the net profit statements and the certificates given in page 18 of the form of the new system of accounts, the Agent was not able, from the lateness of the receipt of the order, to furnish the accounts in the revised form.

South West Line.

3. The half-yearly receipts, working expenses, and balances have been as follows since the

1st

1st July 1867:—

	Half-year ended the				
	31 st Decem ^r 1867	30 th June 1868	31 st Dec ^r 1868	30 th June 1869	31 st Dec ^r 1869
Mails open—	492	492	492	492	492
Gross Receipts—	20,38,471	23,05,445	22,80,365	22,81,254	23,00,179
Working expenses—	9,37,870	9,90,170	10,24,634	10,36,769	13,48,431
Balance—	11,00,601	13,15,275	12,55,732	12,44,485	9,51,748

4 The gross receipts during the half-year are satisfactory; and but for the large sum absorbed in working expenses, the balance would compare favourably with that of any previous period. The largeness of the working expenses is entirely due to the unusual expenditure

expenditure under the head of "Maintenance". As will be shown in the analytical report, this is chiefly accounted for by the fact that a considerable portion of the line was renewed with iron sleepers during the half-year.

5 The following statement gives the number of passengers of each class and the receipts realized from them during the five half-years in question:-

	Half-year ended the				
	31 st Dec: 1867	30 th June 1868	31 st Dec: 1868	30 th June 1869	31 st Dec: 1869
Passengers—	N ^o	N ^o	N ^o	N ^o	N ^o
First class—	3,550	3,885	3,769½	3,865½	3,735½

Second class—	30,064	27,239	29,967	37,953	47,917
Third—	724,069	766,047	733,377	730,265	671,987
Locals—	"	"	"	70,505	88,690
<u>Receipts</u>	<u>Rs.</u>	<u>Rs.</u>	<u>Rs.</u>	<u>Rs.</u>	<u>Rs.</u>
First class—	55,303	60,292	62,422	65,596	64,349
Second—	67,016	59,782	61,847	67,184	73,398
Third—	54,504	5,69,704	5,88,795	5,80,697	5,67,198
Locals—	"	"	"	27,760	34,845

6 Comparing the figures for the half-year under review with those of the corresponding period in 1868, it will be seen that both in numbers and receipts there is but little change in the first class; in the second class there is a considerable increase; but

a greater decrease in the third class. The net loss on the three classes is more than counterbalanced by the early class. On the whole the comparison is in favour of the half-year which has just ended.

7 The goods' traffic, exclusive of railway materials, has been as follows:—

	Half-year ended the				
	31 st Dec: 1867	30 th June 1868	31 st Dec: 1868	30 th June 1869	31 st Dec: 1869
Goods—tons	127,979.87	135,180.88	143,536.32	142,628.00	141,610.28
Receipts— Rs.	11,11,110	12,44,232	12,15,159	12,27,360	11,61,576

the receipts showing a slight falling off as compared with the corresponding period of last year.

8 The gross receipts from all sources, the working expenses, and the net profits per mile have been as follows during the last five half-years:—

	Half-year ended the				
	31 st Dec: 1867	30 th June 1868	31 st Dec: 1868	30 th June 1869	31 st Dec: 1869
Gross receipts per mile open	4,140.2	4,685.9	4,634.87	4,636.69	4,675.16
Working expenses—Rs.—	1,906.2	2,012.5	2,082.57	2,107.25	2,740.71
Net profits—Rs.—	2,237.0	2,673.4	2,552.30	2,529.44	1,934.45

The

9. The per-centage of the gross traffic earnings absorbed by the working expenses has been as follows during the last five half-years:-

Half-year ended the				
31 st Decem ^r 1867.	30 th June 1868.	31 st Decem ^r 1868.	30 th June 1869.	31 st Decem ^r 1869.
46.00	42.95	44.93	45.15	41.62

North-West Line

The following statement shows the half-yearly receipts, working expenses

expenses, and balances since 1st July 1867.

Half-year ended the				
31 st Dec ^r 1867	30 th June 1868	31 st Dec ^r 1868	30 th June 1869	31 st Dec ^r 1869
153	153	153	185	185
153	153	153	153	153
470,431	803,926	786,364	654,114	902,254
190,417	251,392	296,624	263,903	368,558
280,014	552,534	489,740	390,211	533,696

The following statement gives the number of passengers of each class and the receipts realized from them

them during the five half-years in question:—

	Half-years ended the				
	31 st Dec: 1867	30 th June 1868	31 st Dec: 1868	30 th June 1869	31 st Dec: 1869
<u>Passengers</u>					
First class	388	473	349	387	461 1/2
Second do	2,407	2,722	2,707	3,145	3,819
Third do	211,026	204,371	213,503	216,948	226,863
<u>Receipts</u>					
First class	1 ^{Co}	1 ^{Co}	1 ^{Co}	1 ^{Co}	1 ^{Co}
Second do	2,558	4,116	3,898	5,089	5,278
Third do	40,24	4,169	4,134	5,513	7,675
	122,748	126,928	137,280	162,605	165,375

12 Taking into consideration the greater length of line open to traffic, the number of passengers and receipts from

from each class has a not unfavourable comparison with the figures for the corresponding half of 1868.

13 The goods traffic, exclusive of railway materials, has been as follows:—

	Half-years ended the				
	31 st Dec: 1867	30 th June 1868	31 st Dec: 1868	30 th June 1869	31 st Dec: 1869
<u>Goods—Tons</u>	32,814.27	38,916.92	43,242.4	38,167.56	41,675.15
<u>Receipts</u>	1 ^{Co}	1 ^{Co}	1 ^{Co}	1 ^{Co}	1 ^{Co}
	2,53,794	4,44,916	4,42,517	3,98,031	4,75,144

14 As compared with the corresponding half of 1868, there is a falling off in the aggregate

aggregate weight of goods; while the increase in the receipts is not in proportion to the increase in the length of open line.

15. The gross receipts from all sources, the working expenses, and the net profits per mile have been as follows during the last five half-years:—

	Half-years ended the				
	31 st Dec 1867	30 th June 1868	31 st Dec 1868	30 th June 1869	31 st Dec 1869
Gross receipts per mile open	Rs. 2074.7	Rs. 5734.4	Rs. 4510.78	Rs. 5555.75	Rs. 4295.69
Working expenses	Rs. 1803.2	Rs. 2112.5	Rs. 2013.28	Rs. 2426.58	Rs. 1755.14
Net profits	Rs. 1271.5	Rs. 3621.9	Rs. 2497.5	Rs. 3129.17	Rs. 2540.55

16. The per-centage of the gross traffic earnings absorbed by the working expenses has been as follows during the last five half-years:—

Half-years ended the				
31 st Dec 1867	30 th June 1868	31 st Dec 1868	30 th June 1869	31 st Dec 1869
40.47	31.27	37.72	40.35	40.85

Moadras
17th March
1870

I have the honour to be,
Sir,
Yours Most Obedt Servt.
Munthout Moadras
Genl. Secy for Railways

From J. H. G. for J. H. G.
The Consulting Engineer
for Railways.

To
The Secretary to Govt.
P. W. Dept.

Dated 17th Feb 1870
Per J. H. G.

No. 113.

Encls: 1

Submitting the
Revenue Account of
the Madras Railway
for the half year

under the
Act of 1864.

Certificate respecting the Permanentway &c.

I hereby certify that the whole of the
Company's Permanentway, Stations, Buildings
and other works have during the past half year
been maintained in good working condition and
repair.

Madras Railway
Chief Eng^r Office
26 February 1870

Signed / J. H. Goring
Acting Chief Engineer

Certificate respecting the Rolling Stock.

I hereby certify that the whole of the
Company's Plant, Engines, Tenders, Carriages,
Wagons, Machinery and Tools have during
the past half year been maintained in good
working order and repair.

Pernambore
14 February 1870

Signed / W. A. Collinson
Act^g Locomotive Superintendent

I hereby certify that the certificates given above by the Railway Officials are correct.

Madras
17 March 1870

W. L. L.
Muntzworth Major
Consulting Eng^r for Railways

MADRAS RAILWAY.

Statement showing in detail the earnings under each Head of Traffic for the Half-year ended 31 December 1869.

DESCRIPTION OF TRAFFIC.		NUMBER.	AMOUNT.	TOTAL.
First Class Passengers ..	...	2,460 1/2	38,724 7	
Second " "	...	45,457	65,525 9	
Third " "	...	625,419	495,313 14	
Cooly " "	...	88,690	34,844 15	
Periodical Tickets	...	1	80	
Return Fares	First Class	1,142 1/2	20,488 13	
"	Second "	168 7	5,483 15	
"	Third "	30,409	37,788 10	
Soldiers	First "	58 1/2	1,185 14	
"	Second "	408	2,051 13	
"	Third "	8,922	20,847	
Excess Fares	First "	74	517 14	
"	Second "	365	336 9	
"	Third "	7,237	15,946	
Special Trains			3,432 4	
Extra Troop Train			11,654 9	73,987 0 8
Parcels			37,532 7	
Banghy Parcels			872 12 1	
Passengers' Luggage			20,669 3	
Horses, Carriages and Dogs			33,993 2	93,067 10 1
Merchandise	Maunds	385,493 5 16 3/4	11,61,576 3 7	
Materials	"	892,904 25	16,59,883 9	
Locomotive Fuel			3,192	
Rent and Demurrage			3,326 7 5	13,34,078 4
Live Stock				2,972 4
Telegraph Receipts			5,488 12 5	
Unclaimed Property			974 14 8	
Rents of Bungalows			16,218 1 9	
Sale of Refreshment Rooms			4,370 13	
Mileage of Stores			1,001 15 8	
Mileage of Vehicles			78,311 5 1	
Shunting "			744	
Hire of Ballast Engines			21,456 10 8	130,190 11 6
Interest on Traffic Earnings			1,624 7 3	
Total Rupees.				23,00,179 5 7

Train Mileage.		Gross earnings per mile.	Rs.	A.	P.
Passenger Trains	...		4	5	
Goods Trains	...		2	5	9
Total. 571,355		Expenditure			

12 March 1870

Chief Accountant
Chief Auditor
Agent and Manager

North W. L.

MADRAS RAILWAY.

Statement showing in detail the earnings under each Head of Traffic
for the Halfyear ended 31 December 1869.

DESCRIPTION OF TRAFFIC.			NUMBER.	AMOUNT.	TOTAL.		
First Class Passengers ..	...	...	338	3865 2			
Second " "	...	...	3383	6232 6			
Third " "	...	...	214388	156723 9			
Cooly " "	...	...					
Periodical Tickets	...	...					
Return Fares	First Class	...	97	1292 11			
"	Second "	...	309	1160			
"	Third "	...	9162	3592 2			
Soldiers	First "	...	2 1/2	50 8			
"	Second "	...	53	226 3			
"	Third "	...	2033	4579 13			
Excess Fares	First "	...	24	70			
"	Second "	...	74	56 12			
"	Third "	...	1280	477 4			
Special Trains		...				178326	6
Parcels		...		9454 7			
Banghy Parcels		...		438 6 2			
Passengers' Luggage		...		5596 4 9		23861	14 11
Horses, Carriages and Dogs		...		8372 13			
Merchandize	Maunds	...	1134490.31 1/2	475144 2 3			
Materials	"	...	663665.27	207629 3			
Locomotive Fuel		...		6393 12			
Rent and Demurrage		...		675 5 2		689842	6 5
Live Stock		...				621	12
Telegraph Receipts		...		1303 2 9			
Sale of Stores		...		244 6 6			
Rents of Bungalows		...		978 9 6			
Refreshment Rooms		...		1061 3 8			
Unclaimed Property		...		290 2 4			
Mileage of Vehicles	Stoke Trains	...		1099 11 1			
Hire of Ballast Engines	Interest on Traffic Earnings	...		4024 5 6		9601	9 4
Total						902254	8

Train Mileage.		Gross earnings per mile .		Rs.	A.	P.
Passenger Trains	...	" Expenditure "		4	9	
Goods Trains	...			1	13	10
Total.						

MADRAS,
12th March 1870

Compared by J.P.
Adm. Chetty

Chief Accountant.
Chief Auditor.
Agent and Manager.

10/10/99/50.

10/10/99/50.

10/10/99/50.

N. XVI.

Statement of Net Profits of the Madras Railway for the Half-year ending December 1869.

North West Line.

15

To Balance brought from South West Line
Gross Earnings as per Revenue Account

3956 82

902254

By Traffic Earnings paid to Government during Half-year	Rupers.	807091	84				
Deduct Earnings paid in during July and August 1869 taken to Account in Half-year ending June 1869		897497	74	717342	17		
Traffic Earnings of previous half-year paid to Government during the months of January and February 1870		130887	97				
Interest on Traffic Balances due by Government		9077	141				
Less Interest withdrawn by Government		1097	5	7980138	188868	73	
Balance i.e. Traffic Earnings up to December 1869 unrealized on 1 st March 1870 viz.							
Construction Account							
Government							
Public Companies and Traders							
Foreign Railways							
Traffic Department							
Steam Boat Service							
Sundries							

Total Rupers

906210 810

Total Rupers

906210 810

Traffic Receipts paid to Government as per above Statement
Deduct Working Expenses as per Revenue Account

Rupers 906210 810
368557 94

Balance being Net profits for the 6 months Rupers 537652 86

A. W. H. M. M. M.
Chief Accountant

A. W. H. M. M. M.
Chief Auditor

Approved and passed.

Major R. E.
Consulting Engineer to Government.

Agent of Company.
Examined and found Correct.

Government Examiner.

M 1099/50

4.

APR 1894/70.

Madras Railway

North West line

Balance sheet

for the half-year
ending 31st December

1869

Madras

Richard 18703

Dr. Balance Sheet for the half year ending 31st December 1869.

Madras
12th March 1870 }

Compared by *[Signature]*
Adm. Chdg. *[Signature]*

A. N. Hansen
Chief Accountant.

William French
Chief Auditor

Munthwaite Major R.E.
 Consulting Engineer for Railways
 Parkin Major
 Examiners of Railway Accts.
 L.R.E.

Wm. J. L. Smith
Agent & Manager.

Abstracts
For the Half Year ended 31 December 1899.

E. North W. L.

A. MAINTENANCE OF WAY, WORKS, AND STATIONS.									
Salaries, Office Expenses and General Superintendence	...	...	...	...	...	10,999	7	10	
Maintenance and Renewal of Permanent Way	...	...	...	...	...	21,759	11	9	
Wages	...	...	...	...	...	6,913	15	9	
Materials	...	...	...	...	...	793	7		
Engine Power	...	...	...	...	...	29,467	2	6	
Repairs of Roads, Bridges, Signals, Telegraph and Works	...	...	...	...	...	10,552	14	1	
Repairs of Stations and Buildings	...	...	...	...	...	2,877	8	7	
Repairs of Material.	...	...	...	...	...				
Double	...	...	...	...	...				
Single	...	...	...	...	...				
<i>The Bridges are made of stone Con- structed to carry a Double Line. The Substructure, Cuttings & Rails & provide for a Single Line only.</i>									
Total...	...	...	...	...	...	153 1/2			
Rs 53899 1									

B. LOCOMOTIVE POWER.									
Salaries, Office Expenses and General Superintendence	...	...	...	...	...	10,859		1	
Wages connected with the working of Locomotive Engines.	...	...	...	...	...	22,829	12	5	
Coal Coke and Wood	...	...	...	...	...	84,814	7	7	
Water	...	...	...	...	...	2,986	11	7	
Oil, Tallow and other Stores	...	...	...	...	...	6,537	11	9	
Repairs and Renewals	...	...	...	...	...	117,168	11	4	
Wages	...	...	...	...	...	17,020	10	4	
Materials	...	...	...	...	...	15,586	14		
Rs 160,635 3 9									

C. REPAIRS AND RENEWALS, OF CARRIAGES AND WAGONS.									
Carriages	...	...	...	...	...	250	10	10	
Salaries, Office Expenses and General Superintendence	...	...	...	...	...	2,061	15	4	
Wages	...	...	...	...	...	2,228	11	5	
Materials	...	...	...	...	...	4,541	5	7	
Wagons	...	...	...	...	...	411	4	5	
Salaries, Office Expenses and General Superintendence	...	...	...	...	...	2,914	15	70	
Wages	...	...	...	...	...	4,196	7		
Materials	...	...	...	...	...	7,522	4	10	
Rs 12,063 10 5									

D. TRAFFIC EXPENSES.									
Salaries and Wages	...	...	...	...	...	3,386	5	3	
Lighting and General Stores	...	...	...	...	...	9,566	15	7	
Clothing	...	...	...	...	...	6	13	6	
Printing, Stationery and Tickets...	...	...	...	...	...	3,629	14	10	
Wagon Covers, Ropes, &c.	...	...	...	...	...	554	14	2	
Miscellaneous Expenses	...	...	...	...	...	4,762	13	8	
Rs 47,623 13 8									

E. GENERAL CHARGES.									
General Management Salaries	...	...	...	...	...	12,608	15	11	
Office expenses	...	...	...	...	...	427	1		
Law Charges	...	...	...	...	...	14	4	9	
Rent of Terminal Buildings	...	...	...	...	...	678	14		
Rent of Establishments	...	...	...	...	...	2,503	6	6	
Fire Insurance on Buildings	...	...	...	...	...	2,337	10	7	
Plant & Stores	...	...	...	...	...	1,266	12	5	
Goods in Transit	...	...	...	...	...	19,837	1	2	
Rs 19,837 1 2									

F. SPECIAL AND MISCELLANEOUS EXPENSES.									
Hire of Rolling Stock	...	...	...	...	...	74,500	11	4	
Rs 74,500 11 4									

12 MADRAS.
24 March 1899.
Chief Accountant.

Chief Auditor.
Major
Examiner of Railway Accounts.

Agent and Manager.

57

NORTH WEST LINE.
Chocty 1st August 1869

Revenue Account for *the Half Year* Ending *31 December 1859.*

 C_7

March
Thos. Stewart
Major R. E.
Consulting Engineer for Railways.
Major R. E.

125
MADISON
March 1, 1901
Wm. H. Hall
E. H. Hall

N. XVI.

South West Line.

Statement of Net Profits of the Madras Railway for the Half Year ending December 1869. 53

To Balance outstanding from last Account	24848 52	
Less transferred to North West Line	3956 82	20891 13
Gross Earnings as per Revenue Account		2300179 57
Total Rupees		2321071 27

By Traffic Earnings paid to Government during Half year	Rupees	2255637 96	
Deduct Earnings paid in during July & August 1869 taken to Account in Half Year ending June 1869		998524 31	2155783 65
Traffic Earnings of previous half year paid to Government during the months of January and February 1870		155580 15 10	
Interest on Traffic Balances due by Government	15996 42		
Less Interest withdrawn by Government	5640 59	11355 45	166936 10 3
Less stores sold credited to Working Charges	6603 12 1		
Outstandings prior to 1 st January 1868 recovered	167 10 6		
Payments by transfer to other Companies	250 9 9		7022 4
Total Traffic Receipts			2315698 44
Balance i.e. Traffic Earnings up to December 1869 unrealized on 1 st March 1870 viz.			
Construction Account			
Government			
Public Companies and Traders			
Foreign Railways			
Traffic Department			
Steam Boat Service			
Sundries			
		4334 1 6	
		1038 12 9	5372 14 3
Total Rupees			2321071 27

Traffic Receipts paid to Government as per above Statement
Deduct Working Expenses as per Revenue Account

Balance being net profits for the 6 months - Rupees 9967267 84

A. W. M. M. M.
Chief Accountant

P. M. M. M. M.
Chief Auditor

Approved and signed.

M. M. M. M. M.
Consulting Engineer to Government.

A. J. H. M. M.
Agent of Company.
Examined and found Correct.

J. J. M. M. M.
Government Examiner.

Madras Railway
South West Line

55 60

Dr. Balance Sheet for the Half Year ending 31st December 1869

<u>Construction Accounts</u>		
443	Line open for traffic	34614713138
463	Line in course of construction	405051245501976510
128	Locomotion Survey	1325643
453	Working Stock	110608863144
<u>Advances to Company's Officers &c</u>		
338	General Storekeepers	359
227	Cashier	264111
234	H. J. Collins Esq. loco. Superintendent	2566312
254	North West Line Advances Account	1672917
356	Suspense Account for General averages	3550651
119	do for Home Payments Working	2457065
396	Leading Store Advances Account	319111
727	Great Southern of India Railway	1235810
789	Traffic Managers Advances Account	698
221	Chief Engineer's Advances Account	789911
237	Home Payments Account	8201
768	Traffic Cash Account	178269510
756	General Suspense Account	10
	Her Majesty's Government of India Revenue Account	14204819
<u>Store Accounts</u>		
277	Locomotive Store & Workshop Account	239623223
286	Engineering do do	4036871125
295	Traffic Store Account	18841311
269	General do	2311630125
383	Stores in Transit	12548091411
352	Materials Lost	89317125
741	Government Securities	182670121
753	Secretary of State in Council for India	1521658483
386	Bank of Madras General Account	26784035
777	do Madras Railway Fire Insur. Fund	1329914
380	Oriental Bank Corpn. Madras Ry. Emp. Gen. Fund	218627106
420	do Sick & Allowance	4107126
428	do Contractor's Security	33479846
		59449716

9	Her Majesty's Government of India Capital Account	25497120138
404	do do do do do do do do do do	1403722
18	London office Store Account	43517911103
368	do Home Payments Account	4425016104396041311
737	Her Majesty's Government of India Revenue Advance Account	14703599
111	A. J. Wilkinson, Bayport	10751411
245	Income Tax	6788
306	Unpaid Salaries & Wages	10220101
315	Profit and Loss	563749
327	Interest on Government & other Securities	80110
343	Madras Railway Sick & Allowance Fund	4107126
410	do Employer's Guarantee Fund	21896983
433	do Contractor's Security	33479846
393	Refunds to Government	506107
424	Port Sleepers Casting Account	730317108
417	Hopkins Gilkes & Co.	554171111
473	North West Line Store Account	628863181
745	Buildings Plant & Stores Fire Insurance Fund	183102710
749	Goods Traffic	18022108
339	Revenue Establishment	20112526
735	Net Revenue Account	741191210

Refers 9242417125

Refers 9242417125

Madras
12 March 1870
Compared by
C. J. Chisholm

M. J. Thomson
Chief Accountant

Wm. J. Jones
Chief Auditor

Wm. J. Jones
Consulting Engineer for Railways
Major
Examiner of Ry. Accounts

Wm. J. Jones
Agent & Manager

South W. L.

Abstracts
For the Half Year ended 31 December 1869.

A. MAINTENANCE OF WAY, WORKS, AND STATIONS.

Salaries, Office Expenses and General Superintendence	...	...	...	45975	9	6
Maintenance and Renewal of Permanent Way						
Wages	...	...	...	235135	15	11
Materials	...	...	...	283964	10	10
Engine Power	...	...	...	14297	13	5
Repairs of Roads, Bridges, Signals, Telegraph and Works	...	...	...	533398	8	2
Repairs of Stations and Buildings	...	...	...	48032	4	8
Miles Maintained.				28215	14	1
Double	The Bridges are most of them constructed to carry a Double Line. The Embankments, Cuttings & Rails provide for a Single Line only.					
Single						
Total...	491	3	4			

Rs 655622 4 5

B. LOCOMOTIVE POWER.

Salaries, Office Expenses and General Superintendence	...	...	...	26239	2	0
Running Expenses						
Wages connected with the working of Locomotive Engines.	...	...	...	80662	4	9
Coal Coke and Wood	...	...	...	185708	5	7
Water	...	...	...	7324	9	4
Oil, Tallow and other Stores	...	...	...	16376	2	2
Repairs and Renewals						
Wages	...	...	...	48928	12	7
Materials	...	...	...	50932	14	4

Rs 416172 3 7

C. REPAIRS AND RENEWALS, OF CARRIAGES AND WAGONS

Carriages						
Salaries, Office Expenses and General Superintendence	...	...	...	684	14	8
Wages	...	...	...	5595	14	10
Materials	...	...	...	6280	15	2
Wagons						
Salaries, Office Expenses and General Superintendence	...	...	...	1137	11	6
Wages	...	...	...	7986	3	8
Materials	...	...	...	11938	11	9
Total						

Rs 33624 7 7

D. TRAFFIC EXPENSES.

Salaries and Wages	...	...	...	128240	5	1
Lighting and General Stores	...	...	...	24311	12	9
Clothing	...	...	...	148	7	11
Printing, Stationery and Tickets	...	...	...	8445	1	4
Wagon Covers, Ropes, &c.	...	...	...	6679		
Miscellaneous Expenses	...	...	...	1292	3	7
Total						

Rs 169116 14 4

E. GENERAL CHARGES.

General Management Salaries	...	...	...	45861	3	3
Office expenses	...	...	...	1769	12	9
Law Charges	...	...	...	538	8	5
Rent of Terminal Buildings	...	...	...	8602	8	4
Insurance on Buildings Plant & Stores	...	...	...	14025	15	7
Goods in Transit	...	...	...	3096	13	9
Total						

73894 14 1

F. SPECIAL AND MISCELLANEOUS EXPENSES.

MADRAS,

12 March 1870.

Chief Accountant.

Chief Auditor.

Agent and Manager.

59

Cr.

Dr.

Revenue Account for the 1809 Year Ending 31 December 1809.

Consulting Engineer for Railways.

Chas. Auditor.

Comparedly Aff
Addm Chgoz

A. Martin Major
Inspector of Railway Accounts.

Chief Accountant

Agent and Manager

P. W. Department.
No 910

Proceedings of the Madras Government

Under date the 3rd June 1870

Read the following

From The Consulting Engineer
for Railways

Ordered that these papers be
forwarded to the Government
of India

To The Consulting Engineer
for Railways

to be sent to the
P. C. — 21/6/70

No 911
The Secretary to the
Govt of India

I am directed to for-
ward for authentication to the
Government of India, Office
of the Revenue Accounts
of the South West & North
West Lines of the Madras
Railway (including the
Dangabou branch) for the
half year ending 31st Decr
1869, together with a report

from the Consulting Engineer
for Railways on those accounts.

Major. Shaw Shewart
explains that, as the revised
forms circulated by the
Govt of India with their
orders marginally noted
were not received in time,
it was only found practicable
in the preparation of the
accounts now submitted to
adopt the forms of the last
profit statements & the
Certificates given at page

2nd Feb. 1870 to 1871

has been 3/3/70 into copy of
from the C. Eng & Co. of
Eleven instances

P.C. desps 2/4/70 into 26 printed
Copies of 9/10 of 1870

Cue 1899

Govt. of Madras

PUBLIC WORKS.

The Consulting Engr.
for Railways
and
To the Secretary to the
Govt of India

1899

Nos. 530-531 & 532

Revenue Accounts (By) Copying and
the letter from the Comptroller and
writing with remarks the Revenue
Accounts of the Madras By for
the 23 half of 1889.

Revenue Accounts (By) Copying
of the Revenue Accounts of the Madras
By for the 23 half of 1889, by
writing the Comptroller's report and
forwarded to the Govt of India