

(1) Number of pages _____

(2) Date of repair _____

(3) Initials of the Referencer _____

MADRAS RECORD OFFICE.

Government of Madras.

Public works DEPARTMENT.

G.O. No. 908-09	Press
527-529	Mis.
Dated 31- 3	1870.

Not to be folded or roughly handled

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

No. 527. Read the following letter from the Consulting Engineer for Railways, to the Secretary to Government, Public Works Department, dated Madras, 28th March 1870, No. 124 :—

I HAVE the honour to submit the Revenue Accounts of the Great Southern of India Railway for the half-year ended the 31st December 1869 accompanied by the following brief remarks. The detailed analysis shall be submitted in due course.

2. The lateness of the receipt of the order of Government, No. 443, dated 8th February 1870, precluded the Agent from furnishing the accounts according to the revised forms which shall, however, be adhered to in future.

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	144	168	168	168	168
Do. charged to Revenue ...	79	79	87	127	144
	RS.	RS.	RS.	RS.	RS.
Gross receipts	3,18,235	3,73,879	4,26,630	3,67,927	3,96,656
Working expenses	1,60,730	1,75,216	1,91,338	2,29,000	2,55,831
Balance	1,57,525	1,98,663	2,35,292	1,38,927	1,40,825

The comparison with the corresponding half of 1868 is far from satisfactory. While the receipts have fallen 7 per cent., the working expenditure has risen by about 34 per cent. This large increase occurs almost entirely under the head of "Maintenance of Way and Works." It is due in part to the increased mileage which has fallen on Revenue, and partly to exceptional circumstances which will be fully dealt with in the detailed analysis.

4. 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	1,539	859	733½	709	598
Second do.	2,07,183	3,584	3,724	3,720	4,349
Third do.	...	3,47,361	4,05,173	4,03,042	3,96,127
<i>Receipts.</i>	RS.	RS.	RS.	RS.	RS.
First Class	4,166	4,785	3,827	3,825	3,207
Second do.	1,63,510	5,698	4,915	5,177	5,669
Third do.	...	2,09,806	2,32,093	2,01,325	2,21,283

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

As compared with the corresponding half of 1868 there has been a slight falling off, in the aggregate, both in numbers and receipts.

5. 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.
	No.	No.	No.	No.	No.
Goods Tons.	24,955	24,351	32,875	27,526	31,478
	RS.	RS.	RS.	RS.	RS.
Receipts	89,119	1,20,919	1,55,773	1,28,812	1,33,995

showing also a falling off, both in quantity and receipts, from the figures for the second-half of 1868.

6. 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.
Gross receipts per mile open ...	2,210.10	2,225.47	2,539.46	2,190.04	2,361.04
Working expenses per do. ...	1,116.18	1,042.96	1,138.91	1,363.09	1,522.80
Net profits per do. ...	1,093.92	1,182.51	1,400.55	826.95	838.24

7. 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.
50.50	46.86	44.85	62.24	64.50

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

GREAT SOUTHERN OF INDIA RAILWAY.

Statement of Revenue Account for the half-year ended 31st December 1869.

Dr.

Half-year ended.	Expenditure.	Amount.	No. of train miles 1,44,371. Cost per train mile, Annas.	PER-CENTAGE OF		Half year ended.	Receipts.	Class.	Number.	Amount.	Amount.	Total Amount.	Earnings per train mile, Annas.
				Working expenses.	Revenue.								
		RS. A. P.					Coaching.			RS. A. P.	RS. A. P.		
	Maintenance of Way and Works—See Abstract A.	88,858 14 1	9 84	34 73	22 40		Passengers	1	557	2,875 1 0	...	2,42,170 0 3	26 84
	Locomotive Power do. B.	83,938 14 2	9 30	32 81	21 16		Do.	2	3,605	4,626 9 0	...		
	Carriage and Waggon repairs do. C.	8,602 13 1	9 6	3 36	7 40		Do.	3	3,69,421	1,83,883 1 0	...		
	Traffic Department do. D.	29,337 5 0	3 25	11 47	6 83		Excess fares	1	33	84 15 0	...		
	General Charges do. E.	27,102 10 2	3 00	10 59	0 4		Do.	2	94	37 3 0	...		
	Compensation	181 4 5	0 2	0 7	0 4		Do.	3	390	236 0 0	...		
	Rates and Taxes	8,137 13 3	9 1	8 19	2 05		Return fares	1	23	102 2 0	...		
	Law Charges	105 0 0	0 1	0 4	0 3		Do.	2	692	910 1 0	...		
	Mileage and Demurrage	9,565 15 4	1 06	8 74	2 42		Do.	3	24,414	84,485 4 0	...		
							Soldiers	1	18	145 2 0	...		
							Do.	2	52	95 6 0	...		
							Do.	3	2,292	2,678 12 0	...		
							Parcels			6,512 8 3	...		
							Horses and Carriages			2,407 4 0	...		
							Passengers Luggage			1,829 0 0	...		
							Special Trains			1,261 12 0	...	1,49,206 14 6	16 53
							Merchandise 31,478 1/2 Tons			1,33,995 1 1	...		
							Railway material 1,791 do.			8,675 3 0	...		
							Ballasting			5,743 3 1	...		
							Live Stock			209 6 0	...		
							Rent and Demurrage			584 1 4	...	5,279 0 10	58
							Sundries.				...		
							Electric Telegraph			2,049 7 6	...		
							Bungalow Rents			1,412 10 7	...		
							Sale of unserviceable stores			188 6 6	...		
							Interest on revenue balances			1,628 8 3	...		
	To Balance	2,55,830 8 6	28 35	100 00	64 50					...	3,96,655 15 7	43 95	
		1,40,825 7 1	15 60	...	35 50					...			
		8,96,655 15 7	43 95	100 00	100 00					...			

Outstanding earnings on
Net earnings as per Revenue Account above
Outstanding earnings unpaid on
Net Revenue paid to Government

NEGAPATAM,
23rd March 1870.

(Signed) J. SMITH,
Chief Auditor.

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

(Signed) J. H. M.

(Signed) W. S. BETTS,
Agent and Traffic Manager.
SHAW STEWART, Major, R. E.,
Consulting Engineer for Railways.

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

A.
MAINTENANCE OF WAY AND WORKS.

Half-year ended		Half-year ended 31st Dec. 1869.
		RS. A. P.
	Salaries, Office expenses, and General Superintendence ...	12,114 5 4
	Maintenance and Renewals, Permanent Way ...	68,061 13 7
		RS. A. P.
	Wages ...	35,494 0 8
	Materials ...	32,567 12 11
	Repairs to Stations and Buildings ...	2,074 3 0
	Do. to Roads, Signals, and Works ...	6,305 4 2
	Special Expenditure ...	303 4 0
	Total...	88,858 14 1

Miles maintained.

Single	...	...	...	...	168*
Double	...	...	...	...	...

B.
LOCOMOTIVE POWER.

Half-year ended		Half-year ended 31st Dec. 1869.
		RS. A. P.
	Salaries, Office expenses, and General Superintendence ...	8,477 0 11
	Running Expenses ...	67,718 4 1
		RS. A. P.
	Wages connected with working Locomotives ...	23,479 4 0
	Coal and Coke ...	42,082 11 8
	Oil, Tallow, Waste, etc. ...	2,156 4 5
	Repairs and Renewals ...	7,743 9 2
	Wages ...	3,256 13 11
	Materials ...	4,486 11 3

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

C.
CARRIAGE AND WAGGON REPAIRS.

Half-year ended		Half-year ended 31st Dec. 1869.
		RS. A. P.
	Carriages ...	3,968 4 10
		RS. A. P.
	Salaries, Office expenses, Superintendence, etc. ...	392 3 6
	Wages ...	1,201 1 5
	Materials ...	2,374 15 11
		RS. A. P.
	Waggons ...	4,634 8 3
		RS. A. P.
	Salaries, Office expenses, Superintendence, etc. ...	373 9 4
	Wages ...	839 11 10
	Materials ...	3,421 3 1
	Total...	8,602 13 1

D.
TRAFFIC DEPARTMENT.

Half-year ended		Half-year ended 31st Dec. 1869.
		RS. A. P.
	Salaries and Wages ...	19,495 5 9
	General Stores ...	2,210 11 2
	Clothing ...	958 15 0
	Printing and Stationery ...	2,522 0 2
	Greasing Rolling Stock ...	1,924 2 1
	Waggon Covers and Ropes ...	47 6 0
	Joint Station Expenses, Erode ...	2,012 7 5
	Miscellaneous do. ...	62 0 6
	Special Expenditure ...	104 4 11
	Total...	29,337 5 0

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

E.
GENERAL CHARGES.

	RS.	A.	P.	RS.	A.	P.
Directors, Secretary, and Home Expenses ...	3,920	13	4			
Less transfer fees received ...	205	14	5			
				3,714	14	11
Agency and management in India ...				11,164	13	9
Office expenses of do. ...				307	5	0
Advertising ...				26	0	0
Fire Insurance Fund Subscription ...				5,000	0	0
Rent of Erode Station ...				3,864	6	7
Electric Telegraph Expenses ...				3,025	1	11
Total...				27,102	10	2

(Signed) W. S. BETTS,
Agent and Traffic Manager.

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

(Signed) J. SMITH,
Chief Auditor.

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

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

GREAT SOUTHERN OF INDIA RAILWAY.
Statement of Net Profits for the half-year ending 31st December 1869.

	RS.	A.	P.	RS.	A.	P.
To Balance outstanding from last Account ...	1,421	10	4			
.. Gross earnings as per Revenue Account ...	3,96,655	15	7			
				3,55,242	9	0
				41,895	15	5
				3,97,138	8	5
				939	1	6
Total...	3,98,077	9	11	3,98,077	9	11
By Payments made to Government during the half-year ...				3,75,736	6	5
.. Deduct earnings paid in during July and August 1869, taken to account in the half-year ending 30th June 1869				20,493	13	5
.. Traffic earnings of previous half-year paid to Government during January and February 1870						
Total Traffic Receipts...				3,97,138	8	5
Balance, i. e., Traffic Earnings up to 31st December 1869, unrealized on 1st March 1870.						
Public Companies and Treasures ...				167	2	0
Government Telegraph ...				771	15	6
Total...				939	1	6
				3,98,077	9	11

Traffic receipts paid into Government as per above statement ... 3,97,138 8 5
Deduct working expenses as per Revenue Accounts ... 2,55,830 8 6
1,41,307 15 11

(Signed) J. SMITH,
Chief Auditor.

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

(Signed) W. S. BETTS,
Agent and Traffic Manager.
Examined and found correct.
(Signed) F. G. HANKIN, Major,
Government Examiner of Railway Accounts.

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, Telegraph, Fencing, etc., have, during the past half-year been maintained in good working condition and repair.

TRICHINOPOLY,
24th March 1870.

(Signed) B. C. ST. JOHN,
Resident 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.

NEGAPATAM,
10th March 1870.

(Signed) E. G. SHEWARD,
Locomotive and Carriage Superintendent.

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

MADRAS,
28th March 1870.

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

No. 528.

ORDER THEREON, 31st March 1870, No. 903.

RAILWAY, No. 57.

ORDERED that these papers be forwarded to the Government of India.

(Here enter No. 909, dated 31st March 1870.)

(True Extract.)

Colonel, R. E.,
Secretary to Government.

To the Consulting Engineer for Railways.

Exd. A. S. Rodgers.

Govt. of Madras.

PUBLIC WORKS.

To

THE CONSULTING ENGINEER FOR
RAILWAYS.

Dated March 31st.

Recd.

Incl.

G. O., 31st March 1870, No 903

MARCH

Nos. 527-528

*Revenue Account (Railway).—*Passing orders on the letter from the Consulting Engineer submitting with remarks the Revenue Account of the Great Southern of India Railway for the second half of 1869.

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

No. 529.

No. 909.

To

THE SECRETARY TO THE GOVERNMENT OF INDIA,
PUBLIC WORKS DEPARTMENT.

RAILWAY, No. 58.

SIR,—I am directed by the Right Honourable the Governor in Council to forward, for submission to the Government of India, a copy of the Revenue Account of the Great Southern of India Railway for the half-year ending the 31st December 1869, together with a report from the Consulting Engineer on that account.

2. Major Shaw Stewart explains that the revised forms circulated by the Government of India with their orders of the 2nd February 1870, No. 43-A.-R., were not received in time to admit of their adoption in the preparation of the Accounts now submitted.

I have the honour to be

Sir,

Your most obedient servant,

Colonel, R. E.,
Secretary to Government.

Ed. A. S. Rodgers.

Certificate respecting the Permanentway &c

Whereby certify that the whole of the Company's Permanentway, Stations, Buildings, Telegraph, Fencing &c have during the past half year been maintained in good working condition and repair.

Trichinopoly }
24 March 1870 }

/Signed/ B. D. John
Resident Engineer

Certificate respecting the Rolling Stock.

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

Megapattam }
10 March 1870 }

/Signed/ C. G. Sheward
Locomotive and Carriage Superintendent

J.

Whereby certify that the Certificates
given above by the Railway Officials are correct.

Madras.
28. March 1870

Warrant Major R.E.
Consulting Eng^r for Railways

Railway Department

Cons: Eng^r office

No 124.

From

Major J. H. de Shaw Stewart R.E.

Cons: Eng^r for Railways

To

Colonel C. A. Orr R.E.

Secretary to Government

Public Works Department

Fort Saint George

Sir,

I have the honour to
submit the Revenue Accounts of the
Great Southern of India Railway for the
half-year ended the 31st December 1869
accompanied by the following brief
remarks. The detailed analysis shall
be submitted in due course.

2.

The lateness of the
receipt of the order of Government,

No. 443, dated 8th February 1870, precluded the Agent from furnishing the accounts according to the revised forms which shall however be adhered to in future.

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

	Half-year ended the				
	31 st Decr 1867	30 th Decr 1868	31 st Decr 1868	30 th Decr 1869	31 st Decr 1869
Miles open—	144	168	168	168	168
Do charged to Revenue	79	79	87	36.27	144
	Rs	Rs	Rs	Rs	Rs
Gross receipts—	318,255	373,879	426,630	367,927	396,656
Working expenses—	160,730	175,216	191,338	229,000	255,831
Balance—	157,525	198,663	235,292	138,927	140,825

The comparison with the corresponding half of 1868 is far from satisfactory. While the receipts have fallen 7 per cent. the working expenditure has risen by about 34 per cent. This large increase occurs almost entirely under the head of "Maintenance of Way and Works." It is due in part to the increased mileage which has fallen on Revenue, and partly to exceptional circumstances which will be fully dealt with in the detailed analysis.

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

7. 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 Decr 1867	30 th June 1868	31 st Decr 1868	30 th June 1869	31 st Decr 1869.
50.50	46.86	44.85	62.24	64.50

Madras
28th March
1870

I have the honour to be,
Sir,

Your most obedient servant

Wm. Thwaites Major R. E.

Cous: Eng^r for Railways

Dr.

STATEMENT Revenue Account for the

Half year ended.	Expenditure.	Amount.	No of train miles. 144871	Per cent of working expenses.	Per cent of Revenue.	Half year
			Cost per train mile annas.			
	Maintenance of Way & Works—See Abstract A	88858	14 1	9.84	34.73	22.40
	Locomotive Power ... do. B	83938	14 2	9.30	32.81	21.16
	Carriage and Waggon Repairs ... do. C	8602	13 1	.96	3.36	2.17
	Traffic Department ... do. D	29337	5 0	8.25	11.47	7.40
	General Charges ... do. E	24102	10 2	3.00	10.59	6.83
	Compensation	181	4 5	.02	.07	.04
	Rates and Taxes	8137	12 3	.91	3.19	2.05
	Law Charges	105	0 0	.01	.04	.03
	Mileage and Demurrage	9565	15 4	1.06	3.74	2.42
	To Balance.....	255830	8 6	28.35	100.00	64.50
		140825	7 1	15.60		35.50
		396655	15 7	43.95	180.00	100.00

Outstanding earnings on

Net earnings as per Revenue Account above ...

Outstanding earnings unpaid on

Net Revenue paid to Government

~~Chief Auditor.~~

Government F

NEGAPATAM,
23rd March 1870

23^d March 1876

Nov 31. March

Subsiding Materials.
Count of the Great Northern
British Columbia for the half
year ending March 1890
No. 124.
Enclosed B.V.

To the Secretary to Gov.
Quebec, Quebec City.
of the Grand Northern
of British Columbia
The Com. Coy.
for Railways

STATEMENT A

Maintenance of Way and Works.

Half year ended,	Half year ended,
1889	1890
Salaries, office expenses, and General Superintendence	...
Maintenance and Renewals Permanent Way	...
Wages	Rs. 2549 0 8
Material	Rs. 2256 12 11
Repairs to Stations and Buildings	...
Do. " Roads, Signals and Works	...
Special Expenditure	...
	Rs. 204 8 0
	Rs. 635 4 2
	Rs. 303 4 0
	Rs. 888 14 1

Miles maintained.

Single. 168
Double. "

STATEMENT B

Locomotive Power.

Salaries, office expenses, and General Superintendence	...
Running Expenses	...
Wages	Rs. 244 19 4 0
Coal and Coke	...
Oil, Tallow, Waste &c.	Rs. 4208 2 11 8
Repairs and Renewals	...
Wages	...
Materials	Rs. 2256 12 11
	Rs. 204 8 0
	Rs. 7743 9 2
	Rs. 83938 14 2

STATEMENT C

Carriage and Wagon Repairs.

Carrriages	...
Salaries, office expenses, Superintendence &c.	Rs. 392 3 6
Wages	1201 1 5
Materials	2344 15 11
Waggons	...
Salaries, office expenses, Superintendence &c.	Rs. 278 9 4
Wages	2392 11 10
Materials	2421 8 1
	Rs. 4634 8 3
	Rs. 8602 13 1

India Railway.

year ending 31st December 1869

Cr.

Receipts.	Class	No.	Amount.	Amount.	Total Amount.	Earnings per train mile annas.
Coaching.					242170 0 3	26.84
Passengers	1	657	2875 10			
Do.	2	3665	4626 90			
Do.	3	36942	18383 10			
Excess fares	1	33	84 150			
Do.	2	94	37 30			
Do.	3	390	256 10			
Return fares	1	23	102 20			
Do.	2	692	719 10			
Do.	3	24414	34485 10			
Soldiers	1	18	145 20			
Do.	2	62	95 60			
Do.	3	2292	2678 120			
Parcels			230159 8 0			
Passengers, Luggage			6542 8 3			
Horses, Carriages and Dogs			2407 4 0			
Special Trains			1829 1 0			
			1261 12 0			
Goods.					149206 11 6	16.53
Merchandise 31473 1/2 Tons			185995 1 1			
Railway Material 1791 do.			8675 3 0			
Ballasting			5423 3 1			
Live Stock			209 6 0			
Rent and Demurrage			884 1 4			
Sundries.					5279 0 11	.58
Electric Telegraph			2029 1 6			
Bungalow Rents			1412 10 1			
Sale of unserviceable stores			188 6 6			
Interest on Revenue Balances			1628 8 3			
					396655 15 7	4.95

William B. B. B.
Agent and Traffic Manager.

Major
Government Examiner of Railway Accounts.

Major
Consulting Engineer for Railways.

STATEMENT D

Traffic Department.

Half year ended.	Half year ended 31 st Dec 1869
Salaries and Wages	17495 5 9
General Stores	2210 11 2
Clothing	958 15 0
Printing and Stationery	2522 0 2
Greasing Rolling Stock	1924 2 1
Waggon Covers and Ropes	47 6 0
Joint Station expenses Erode	2012 7 5
Miscellaneous do.	62 0 6
Special expenditure	104 4 11
	Rupees 29337 5 0

STATEMENT E

General Charges.

	Rs. 3920 " 13 " 14	" 205 " 14 " 5
Directors, Secretary, and Home expenses		3714 14 11
Less transfer fees received		11164 13 9
Agency and Management in India		307 5 0
Office expenses of do.		26 0 0
Advertising		5000 0 0
Fire Insurance Fund Subscription		3864 6 7
Rent of Erode Station		3025 1 11
Electric Telegraph expenses		
		Rupees 27102 10 2

Chief Auditor.

Agent and Traffic Manager.

Government Examiner of Railway Accounts.

Consulting Engineer for Railways.

Recd 25th March 1870.

Keep up oil pump service
at 18/3/1870

Great Southern of India Railway.

REVENUE Account for Half year
ending 31 December 1869

RECEIPTS
25 March 1870

6

Great Southern & India Railway

Statement of net Profits for the half Year ending 31st December 1869

To Balances outstanding from last account
 " Gross earnings as per Revenue account

42110 4
 396655 57

By Payments made to Government during
 the half-year 375736-6-5

Deduct Earnings paid in during
 July and August 1869 taken to
 account in the half-year ending
 30th June 1869 20493-13-5 355242 9 "

• Traffic earnings of previous half year paid to
 Government during January and February 1870 41895 15 5
 Total Traffic Receipts 397138 8 5

Balances i.e. Traffic earnings up to 31st December
 1869 unrealized on 1st March 1870

Public Companies & Treasurers 167-2-11 939 1 6
 Government Telegraph 771-15-6

398077 9 11

398077 9 11

Traffic Receipts paid into Government as per above Statement
 Deduct working expenses as per Revenue account

397138-8-5
 255880-8-6
 141257-15-11

James Smith
 Chief Auditor

~~James Smith~~
 Agent & Traffic Manager

Approved and passed
 W. M. Stewart Major R.E.
 Consulting Engineer for Railways

Examined & found correct
 F. H. Barker Major
 Govt. Examiner of Ry accounts.

Great Southern & India Railway

Statement of net Profits for the half Year ending 31st December 1869

To Balances outstanding from last account
 " Gross earnings as per Revenue account

42110 4
 396655 57

By Payments made to Government during
 the half-year 375736-6-5

Deduct Earnings paid in during
 July and August 1869 taken to
 account in the half-year ending
 30th June 1869 20493-13-5 355242 9 "

• Traffic earnings of previous half year paid to
 Government during January and February 1870 41895 15 5
 Total Traffic Receipts 397138 8 5

Balances i.e. Traffic earnings up to 31st December
 1869 unrealized on 1st March 1870

Public Companies & Treasurers 167-2-11 939 1 6
 Government Telegraph 771-15-6 398077 9 11

398077 9 11

Traffic Receipts paid into Government as per above Statement
 Deduct working expenses as per Revenue account

397138-8-5
 255880-8-6
 141257-15-11

James Smith
 Chief Auditor

~~James Smith~~
 Agent & Traffic Manager

Approved and passed
 W. M. Stewart Major R.E.
 Consulting Engineer for Railways

Examined & found correct
 F. H. Barker Major
 Govt. Examiner of Ry accounts.

Public Works Department

No. 255
Proceedings of the Madras Government
under date the 31st March 1900
Re: the following

From The Consult Engineer for Railways (H. E. No. 1242) 28th March 1900

Ordered that these papers
be forwarded to the Govern-
ment of India.

For C. Eng. for Road

W. S. de Silva 31/3/00
P.C. - 25/4/00

No. 909
The Secretary to the
Govt of India

I am directed by
the Right Honorable the
Governor in Council to
forward, for submission to
the Government of India,
a copy of the Return

Account of the Great Southern
of India Railway for
the half year ending the
31st Dec 1869, together
with a report from the
Consulting Engineer on
that account.

Major Shaw
Stewart explains that the
revised forms circulated
by the Govt of India in
their orders of the 2nd Feb
1869 A. M. were not
received in time to admit
of their adoption in the
preparation of the Ac-
counts now submitted

Lu-S- desps 3/3/70 into copy of
letter from the C. Eng^r & copy of
these enclosures -
P-C- desps 25/4/70 into 34
Copy of Genl GOS of 1870.

Cue 1218

Govt. of 1870: Madras.

PUBLIC WORKS.

To The Consulting Engineer
for Railways

To The Secretary to the Govt
of India

Dated

Signed

23

G. O. 31st March 1870, No. 9084509.

Nos 527-528 & 529

Rev. Account (By) Replying to the
the letter from the Consulting Engineer
concerning the demands for
the account of the G. I. & P. Ry.
for the 2nd half of 1869.

Rev. Account (By) A copy
of the Rev. Account of the G. I. & P. Ry.
for the 2nd half of 1869 is
sent to the Consulting Engineer
for the same, forwarded to the
Secretary.

(1) Number of pages _____

(2) Date of repair _____

(3) Initials of the Referencer _____

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

*Proceedings of the Madras Government, Public Works Department,
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

*Proceedings of the Madras Government, Public Works Department,
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	5,251·4	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

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

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

Expenditure.			Receipts.		
			Per-cent- age of Revenue.	RS. A. P.	RS. A. P.
To maintenance of Way, Works, and Stations	...	Abstract A.	28.51	6,55,622 4 5	By Passengers—
„ Locomotive Power	...	do. B	18.09	4,16,172 3 7	First Class ... No. 3,735½
„ Repairs of Carriages and Waggon	...	do. C.	1.46	33,624 7 7	Second „ „ 47,917
„ Traffic Expenses	...	do. D.	7.35	1,69,116 14 4	Third „ „ 6,71,987
„ General Charges	...	do. E.	3.21	73,894 14 1	Cooly „ „ 88,690
„ Special and Miscellaneous Expenses	...	do. F.			8,12,329½ 7,39,790 8 0
„ Home Payments included	RS. A. P.				Periodical Ticket ... 1 80 0 0
„ Maintenance of Way, Works, and Stations	79 6 8				By Parcels, Horses, Carriages, and Dogs
„ Locomotive Power	3,156 1 9				„ Merchandise... ..
„ General Charges	9,424 3 6				„ Live Stock
					„ Special and Miscellaneous Receipts—
			58.62	13,48,430 12 0	Telegraph Receipts
			41.38	9,51,748 9 7	Hire of Ballast Engines
					Mileage of vehicles
					Shunting „ „ 744 0 0
					Rents of bungalows
					Do. Refreshment Rooms
					Sale of Unclaimed property
					Do. Revenue Stores
					Interest on traffic earnings
„ Balance	...	...			5,488 12 5
					21,456 10 8
					78,311 5 1
					16,218 1 9
					4,370 13 0
					974 14 8
					1,001 15 8
					1,624 2 3
Total	...	...	100.00	23,00,179 5 7	73,970 8 0
					93,067 10 1
					13,34,078 4 0
					2,972 4 0
					1,30,190 11 6
					23,00,179 5 7

MADRAS,	(Signed)	F. CHURCH, <i>Chief Auditor.</i>	(Signed)	F. G. HANKIN, Major, <i>Examiner of Railway Accounts.</i>	(Signed)	A. K. THOMSON, <i>Chief Accountant.</i>
12th March 1870.	(Signed)	J. H. M. SHAW STEWART, Major, R.E., <i>Consulting Engineer for Railways.</i>	(Signed)	R. B. ELWIN, <i>Agent and Manager.</i>		

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...		28,215 14 1
		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
		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
		21,062 10 11
		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.

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	...	...	...	...	2,460	38,724	7	0	7,39,870	8	0	
Second ..	..	..	..	..	45,457	65,525	9	0				
Third ..	..	..	..	..	6,25,419	4,95,313	14	0				
Coaly ..	..	..	..	..	88,690	34,844	15	0				
Periodical Ticket	...	...	...	...	1	50	0	0				
Return Fares	First Class	...	...	...	1,142	20,488	13	0				
"	Second ..	...	...	...	1,687	5,483	15	0				
"	Third ..	...	...	...	30,409	37,788	10	0				
Soldiers	First ..	...	...	...	58	1,185	14	0				
"	Second ..	...	...	...	408	2,031	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				
Parcels	...	...	...	...		37,532	9	0				
Banghy Parcels	...	...	...	...		872	12	1				
Passengers' Luggage	...	...	...	...		20,669	3	0				
Horses, Carriages, and Dogs	...	...	...	...		33,993	2	0				
Merchandise	...	...	Maunds	...	38,54,935-16	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				
Live Stock	...	...	...	...								
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				
Total									1,30,190	11	6	
									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							

MADRAS,
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.

Cr									
No.	Construction Accounts.	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	C 404	Do. do. do. Advance Account ...	1,40,372	2	3
C 128	Cochin Survey ...				C 18	London Office Store Account ...	435,17,911	10	3
C 453	Working stock ...				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.	439,60,413	1	1
C 338	General Storekeeper ...	3	5	9	C 111	A. T. Wilkinson, Beypore ...	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. Employe'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. ...	1,42,043	1	9					
Store Accounts.									
C 277	Locomotive Store and Workshop Account	23,96,232	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. SULLAW 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

3

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		23,461 16 11
Maintenance of Way, Works, and Stations. 14 1 0			Dogs ...		6,89,842 6 3
Locomotive Power ... 569 5 5			Merchandise ...		621 12 0
General Charges ... 2,712 9 10			Live Stock ...		
			Special and Miscellaneous Re-		
			ceipts ...		
			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 ...	20 2 4	
			Do. Revenue Stores ...	214 6 6	
			Interest on Traffic Earnings ...	4,021 5 6	
Balance ...	3,68,557 9 4	40.85			9,621 9 4
	5,33,696 7 4	59.13			9,02,254 0 8
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. 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 construct-		
Single ... { ed to carry a double line.		
Single ... { The embankments, cuttings, and rail ^s		
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	461	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						
							2,31,143	1,78,826	6 0		
						Periodical Tickets				1,78,826	6 0
						By Parcels, Horses, Carriages, and Dogs				23,861	14 11
						Merchandise				6,89,842	6 5
						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 Bangalows		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		
						Total...				9,601	9 4
										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—			Periodical Tickets		1,78,326 0 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		6,89,842 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	290 2 4	
			Do. Revenue Stores	244 6 6	
			Interest on Traffic Earnings	4,024 5 6	
Balance ...	3,64,557 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) 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.
MADRAS,
12th March 1870.

(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.
<p>Construction Account.</p> <p>Line open for traffic ... 199,86,250 15 3</p> <p>Line in course of construction. 47,57,510 15 5</p> <p>Miscellaneous Survey Account</p> <p>Advances to Company's Officers.</p> <p>Chief Engineer's Advance Account ... 38,020 12 4</p> <p>Locomotive Superintendent's Advance Account ... 175 10 6</p> <p>Leading Pot Sleepers Advance Account ... 3,14,092 0 11</p> <p>Leading Store Advance Account. 23,017 3 11</p> <p>E. W. Barnett, Contractor Store and Workshop Account</p> <p>Traffic Cash Account</p> <p>Secretary of State in Council for India</p> <p>Government Securities</p> <p>Bank of Madras General Account</p> <p>Do. Madras Railway Fire Insurance Fund</p> <p>Total ... 351,82,855 12 10</p>	<p> 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 </p>
<p>C-192</p> <p>C-205</p> <p>C-114</p> <p>C-139</p> <p>C-159</p> <p>C-156</p> <p>C-170</p> <p>C-118</p> <p>C-146</p> <p>R-259</p> <p>R-215</p> <p>R-240</p> <p>C-151</p> <p>R-304</p>	<p>C-6</p> <p>C-85</p> <p>R-293</p> <p>R-244</p> <p>R-234</p> <p>R-236</p> <p>C-37</p> <p>C-78</p> <p>C-180</p> <p>C-159</p> <p>R-281</p> <p>R-213</p>
<p>RS. A. P.</p> <p>2,47,43,761 14 8</p> <p>38,321 14 8</p> <p>3,75,335 11 8</p> <p>94,501 0 0</p> <p>62,88,631 8 0</p> <p>1,90,029 1 2</p> <p>33,74,786 14 9</p> <p>22,285 11 5</p> <p>54,889 2 2</p> <p>312 14 3</p> <p>351,82,855 12 10</p>	<p>RS. A. P.</p> <p>3,16,41,224 15 9</p> <p>49,803 1 7</p> <p>23,234 5 11</p> <p>24,510 6 5</p> <p>428 2 0</p> <p>9 9 0</p> <p>4,201 10 1</p> <p>64,656 11 4</p> <p>33,74,786 14 9</p> <p>3,51,82,855 12 10</p>

MADRAS,
12th March 1870.

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

(Signed) F. CHURCH,
Chief Auditor.

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

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

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

	RS.	A.	P.		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. e., 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			
Balance, being net profits for the six months						5,37,652	15	6			

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

(Signed) **F. CHURCH,**
Chief Auditor.

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

(Signed) R. B. ELWIN,
Agent of Company.
Examined and found correct.

(Signed) F. G. HANKIN, Major,
Government Examiner.

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.

(Signed) T. H. GOING,

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, Waggon, Machinery, and Tools have during the past half-year been maintained in good working order and repair.

(Signed) W. J. COLLINSON,

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

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

(Signed) J. H. M. SHAW STEWART, Major, R. E.,
Director of the Great Northern Railway.

correct.
MADRAS,
17th March 1870.

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

No. 531.

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

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.

or sub-
India,
of the
galore
from

ed by
their
not
ounts
cates

— 65 —

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 submission 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 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 Dec: 1867	30 th June 1868	31 st Dec: 1868	30 th June 1869	31 st Dec: 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—	Nº	Nº	Nº	Nº	Nº
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>1^{Co}</u>	<u>1^{Co}</u>	<u>1^{Co}</u>	<u>1^{Co}</u>	<u>1^{Co}</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—	545,044	569,704	588,795	580,697	567,198
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—	11,111.10	12,442.32	12,151.59	12,273.60	11,611.57

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—8 ^o —	1,906.2	2,012.5	2,082.57	2,107.25	2,740.71
Net profits—8 ^o —	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		Half-year ended the		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.	30 th June 1870.
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	4,024	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. 2026.58	Rs. 1755.14
Net profits	Rs. 1271.5	Rs. 3621.9	Rs. 2497.5	Rs. 3529.17	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

Moadra
17th March
1870

I have the honour to be,
Sir,
Yours Most Obedt Servt.
Munthout Moadra & Co
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.

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

Winkworth 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 1/2	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	15,94	6	.			
Special Trains	Extra Troop Train	.	3,432	4	.			
Parcels		.	11,654	9	.	73,987	0	8
Banghy Parcels		.	37,532	7	.			
Passengers' Luggage		.	872	12	1			
Horses, Carriages and Dogs		.	20,669	3	.	93,067	10	1
Merchandise	Maunds	385,493 5/16	11,157	6	3			
Materials	"	892,904 1/2	16,598	3	.			
Locomotive Fuel		.	3,192	.	.			
Rent and Demurrage		.	3,326	7	5	133,407	8	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		.	18,311	5	1			
Hire of Ballast Engines		.	744	10	8	130,190	11	6
Interest on Traffic Earnings		.	21,456	2	3			
Total Rupees.		.	230,017	9	5	7		

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

12 March 1870

Madras
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			
Rents of Bungalows		...		244 6 6			
Refreshment Rooms		...		978 9 6			
Unclaimed Property		...		1061 3 8			
Mileage of Vehicles		...		290 2 4			
Hire of Ballast Engines		...		1099 11 1			
Interest on Traffic Earnings		...		4024 5 6		9601	9 4
Total Rupees.						902254	8

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

MADRAS,
12 March 1870

Chief Accountant.
Chief Auditor.
Agent and Manager.

Compared by J.P.
addn. Chetty

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	3956 82
Gross Earnings as per Revenue Account	902254 9
Total Rupees	906210 810

By Traffic Earnings paid to Government during Half-year	Rupies.	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 1st March 1870 viz.				
Construction Account				
Government				
Public Companies and Traders				
Foreign Railways				
Traffic Department				
Steam Boat Service				
Sundries				
Total Rupees			906210 810	
Above Statement	Rupies	906210 810		
Deduct Working Expenses as per Revenue Account		368557 94		
Balance being Net profits for the 6 months	Rupies	537652 86		

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

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

Approved and passed.

Major P. E.
Consulting Engineer to Government.

W. H. P. M. M.
Agent of Company.
Examined and found Correct.

A. W. H. M. M. M.
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 R.E.
 Examiner of Railway Accts.
 L.M.E.

days
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 1,60,635 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
March 1870

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 31st December 1869.*

Cr.

Agent and Manager.

Respectfully,
R. E.

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. M. M. M. M.
Agent of Company.
Examined and found Correct.

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

55 b

21

Ref 924.24.17125

A. N. Thomson
Chil. Dec. 20. 1871

William French
Chief Auditor.

Monument Major R. E.
 Consulting Engineer for Railways.
 Perkins Major
 Examiner of Ry. Accounts.

*Railways.
 Wm. J. H. Smith
 Agent & Manager*

South W. L. 13
7-

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	<i>The Bridges are most of them constructed to carry a Double Line. The Embankments, Cuttings & Rails provide for a Single Line only.</i>					
Single						
Total...	491	3	4			

R 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

R 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						

R 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	
Wagon Covers, Ropes, &c.	...	...	...	6679		
Miscellaneous Expenses	...	...	...	1292	3	7

R 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
Insurance on 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.

Railway Accounts.

59

Cr.

Dr.

Revenue Account for the 1809 Year Ending 31 December 1809.

Consulting Engineer for Railways.

Chas. Auditor.

Major

Consulting Engineer for Railways.

A. Martin Major
Inspector of Railway Accounts.

Chief Accountant

Agent and Manager

Comparedly Aff
Addm Chgoz

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 signed & forwarded
O. C. — 21/6/70

No 911
The Secretary to the
Govt of India

I am directed to forward
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

2^d Feb. 1870 to 1871

has been 3/3/70 into copy of
from the C. Eng & copies of
Eleven enclosed

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 the
writing the Comptroller and
forwarded to the Govt of India