

Public Works (1895) Department.

RAILWAY BRANCH.

G.O., No. 223-24R

DATED 1st April

[Despatch Abstract.]

S. I. Railway. — Note by the Chief auditor on the Capital and Revenue accounts of the — for the half-year ended the 31-12-94, ordered to be forwarded to the Govt of India & to the Secretary of State.

Forwarding copy of Procs: embodying a note by the Chief auditor on the Capital & Rev: accounts of the S. I. Ry. for the half-year ended the 31-12-94

[illegible]

G O.	No.	Department.	Date.	G O.	No.	Department.	Date.

4-A. The percentage of working expenses to gross earnings for the year 1894 was 59.08 against 61.25 for 1893 and the percentage of net earnings on the total capital outlay for 1894 was 4.31 against 4.11 of the previous year.

5. The net earnings with the adjustment shown in statement XIX gave, after deducting interest charges and the additional contribution to Provident Fund, a surplus of Rs. 5,81,416, of which the Company's share was Rs. 1,06,502 and the Government's Rs. 4,74,914.

6. The contribution to the Provident institution during the half-year was Rs. 18,167 as under:—

	RS.
Fifty per cent. of compulsory deductions charged to working expenses	12,438
Additional contribution as per surplus profit statement No. XIX	5,735
Total	18,173

7. *Gross Earnings.*—The following table shows the gross earnings for the two half-years:—

	Second half of 1893.	Second half of 1894.	Increase or decrease in amount.	Percentage of increase or decrease.
	RS.	RS.	RS.	
Coaching	19,64,628	22,26,114	2,61,486	13.31
Freights	17,71,046	19,07,475	1,36,429	7.70
Electric telegraph	10,527	9,497	1,030	9.78
Miscellaneous	98,330	36,171	62,159	63.21
Total	38,44,631	41,79,257	3,34,726	8.71

8. *Abstract II—Coaching traffic.*—The number of passengers of the various classes carried, including troops and police and season tickets and the earnings therefrom, compare as follows:—

	First class.		Second class.		Third class.		Total.	
	Number.	Earnings.	Number.	Earnings.	Number.	Earnings.	Number.	Earnings.
Second half of { 1893 ..	9,422	29,760	89,112	73,517	6,004,390	17,52,730	6,102,924	18,56,007
1894 ..	9,744	30,811	93,608	81,102	6,871,027	19,97,196	6,976,459	21,09,109
Increase ..	322	1,051	4,496	7,585	866,637	2,44,466	873,535	2,53,102

9. The above table shows an increase in the number of passengers carried and in earnings under all classes.

10. *Other coaching traffic.*—The fluctuations in other coaching traffic are shown in the following table:—

Sub-head.	Increase.	Decrease.
	RS.	RS.
II. Passengers' luggage	1,174	...
III. Military baggage	...	466
IV. Carriages, horses, dogs, &c.	814	...
V. Military carriages, horses, &c.	119	...
VI. Parcels	4,229	...
VII. Special trains	465	...
VIII. Miscellaneous	648	...
IX. Post office	933	...
Total	8,392	466

11. *Abstract I—Goods traffic.*—The following is a summary of the tonnage of goods lifted and the earnings therefrom as compared with the corresponding period of 1893:—

	Second half of 1893.		Second half of 1894.	
	Quantity.	Earnings.	Quantity.	Earnings.
	Tons.	RS.	Tons.	RS.
Merchandise, general	397,644	16,83,185	427,052	18,22,852
Military stores	87	2,308	76	1,322
Railway materials for construction	22,863	8,565	21,963	6,102
Coal	17,960	19,254	15,444	16,366
Revenue stores	219,049	62,968	241,837	62,488
Other goods traffic	...	7,501	...	8,398
	737,503	17,71,838	706,422	19,07,473
Less outstandings irrecoverable	...	793	...	...
Total	737,503	17,71,045	706,422	19,07,473

12. *Merchandise, general.*—The traffic under this head, compared with the corresponding period of 1893, shows an increase of tons 29,508 in the tonnage lifted and Rs. 1,39,667 in earnings.

13. The average rate charged per ton per mile was 8.32 pies against 8.46 pies in the corresponding period of 1893.

14. *Railway materials for construction.*—Decrease of tons 900 and Rs. 463.—These differences being small call for no explanation.

15. *Revenue Stores.*—Decrease of tons 77,162 and Rs. 532.—There was a decrease of tons 79,001 and Rs. 3,888 under "Revenue stores other than coal and locomotive fuel," due chiefly to reduced mileage of ballast trains run for the Engineering department and an increase of tons 1,842 and Rs. 3,356 under locomotive fuel.

16. The following table shows some of the principal commodities included above under the head of "Merchandise, general," carried during the two half-years under comparison:—

	Second half of 1893.		Second half of 1894.	
	Quantity.	Amount.	Quantity.	Amount.
	Tons.	RS.	Tons.	RS.
Cotton, raw	7,596	48,234	7,842	55,166
Cotton, manufactured	8,294	98,036	10,534	1,23,878
Grain and pulse	162,668	6,06,382	147,762	6,37,678
Hides and skins	8,376	34,974	4,139	46,066
Miscellaneous	6,377	48,403	6,106	48,819
Oil	7,405	38,669	8,177	48,532
Oil-seeds	13,698	49,602	16,417	60,464
Provisions	11,631	83,764	14,745	79,414
Salt	31,139	1,00,735	36,069	1,16,009
Spices	7,081	42,056	7,319	60,127
Stone and lime	36,394	37,889	43,447	42,948
Sugar	29,799	1,24,764	26,495	1,22,067
Timber	22,729	85,769	34,554	60,358
All other articles of merchandise	43,700	2,41,287	62,198	3,02,155

17. *Cotton, raw.*—Increase of tons 246 and Rs. 6,931.—The increase was in loose cotton from Sâtūr to Tuticorin and pressed cotton from Trichinopoly to Madras.

18. *Cotton, manufactured.*—Increase of tons 2,240 and Rs. 25,837.—This improvement was chiefly in European piece-goods booked from Madras to Madura and other local stations and also in Indian "Twist and Yarn."

19. *Grain and pulse.*—Decrease of tons 14,903 and Rs. 67,711.—There was a marked falling off in the quantities of food-grains (other than rice) and pulse booked from Northern stations and Foreign railways to Madura and the Southern districts where scarcity prevailed in the corresponding period of 1893.

The increase in rice traffic was from stations in the Tanjore district.

20. *Hides and skins*—Decrease of tons 763 and Rs. 10,092.—The increase is due to continued improvement in the tanning industry at Dindigul.

21. *Oils*—Increase of tons 572 and Rs. 9,863.—The increase was chiefly in kerosine-oil and castor-oil from Madras to Tanjore, Madura and Tinnevely districts.

22. *Oil-seeds*—Increase of tons 2,719 and Rs. 20,868.—Over Rs. 10,000 of this increase was in "Til or gingelly" seeds from Karur and the Mysore district to Tinnevely owing to the failure of crops there. There was also an improvement in the export of castor-oil seeds from the Dharmavaram-Pakala section to Madras, due to exceptionally good crops in the Cuddapah district.

23. *Provisions*—Increase of tons 3,214 and Rs. 20,650.—The increase was chiefly due to traffic in tamarind from Dharmavaram-Pakala section and Vellore to the Tanjore and Southern districts.

24. *Salt*—Increase of tons 4,530 and Rs. 15,904.—The increase was chiefly in the traffic from Tuticorin, Muttupet, Acharapakkam, Vencatachellam and Nellore stations.

25. *Stone and lime*—Increase of tons 7,049 and Rs. 5,059.—Stone carried from Pallavaram to Madras for the harbour works and gravel from Tanjore to Negapatam for the Municipal and Local Fund Departments account for the increase.

26. *Sugar*—Decrease of tons 3,304 and increase of Rs. 7,843.—The improvement of Rs. 7,800 was in jaggery from Tinnevely to Nellikuppam.

27. *Timber*—Increase of tons 15,835 and Rs. 14,589.—Firewood carried for the Nellikuppam, Madura and Koilpati mills accounts for nearly all this increase.

28. *All other articles of merchandize*—Increase of tons 8,498 and Rs. 60,868.—The increase was chiefly under cocoanuts and seeds not classified.

29. *"Metals" and "Spices."*—The fluctuations in the traffic in these commodities are small and call for no special remark.

30. *Working Expenses.*—The working expenses of the two half-years compare as follows:—

	Second half of 1893.		Second half of 1894.		Increase or decrease in amount.	Increase or decrease in percentage.
	Amount.	Percentage on gross earnings.	Amount.	Percentage on gross earnings.		
	Rs.		Rs.			
Maintenance	6,28,520	16.35	4,85,843	11.61	1,42,677	— 22.78
Locomotive	8,49,385	22.09	9,01,828	21.62	52,443	6.37
Carriage and wagon	2,98,474	7.77	3,03,353	7.28	4,879	1.63
Traffic	3,35,284	8.72	3,47,076	8.31	11,791	3.52
General charges	2,94,510	7.66	2,96,576	7.10	2,066	0.70
Steam boat earning						
Miscellaneous	84,982	0.91	34,407	0.82	— 50,575	— 1.64
Total ..	24,41,161	63.50	22,70,280	56.72	— 1,70,881	— 2.80

31. The expenditure shown in the South Indian Railway Revenue Accounts for the second half of 1893 included the cost of working the Pondicherry Railway, and in the accounts of the period under review the cost of working the Pondicherry and Mayavaram-Muttupet Railways is included in the details of expenditure and deducted at the foot of each abstract (A to G).

32. To admit of a ready comparison being made between the expenditure of the two half-years, the expenditure of the Mayavaram-Muttupet Railway is shown separately in the annexed table under each minor head.

33. *Abstract A—Maintenance of way, works and stations.*—Decrease Rupees 1,39,835.

December 1893.	South Indian Railway including Pondicherry Railway.	December 1894.		
		South Indian Railway including Pondicherry Railway.	Mayavaram-Muttupet Railway.	Total as per half-yearly accounts.
Rs.		Rs.	Rs.	Rs.
1,23,209	I. General Superintendence	1,35,150	3,699	1,38,849
4,14,331	II. Maintenance and renewal of permanent-way	2,88,336	7,992	2,96,328
48,244	III. Repairs of bridges, &c., wages and materials	33,128	907	34,035
32,466	III-A. Conservancy of rivers, &c.	17,626	482	18,108
4,315	IV. Repairs of stations and buildings, wages and materials	1,206	33	1,239
46,687	V. Maintenance by contract	49,781	1,362	51,143
	VI. New minor works			
	VII. Unclassified expenditure			
	Total ..	6,25,228	14,375	6,39,603
6,69,252	Deduct—Value of stores returned to stock ..	36,534	1,000	37,534
40,756	Total ..	4,88,694	13,375	5,02,069
6,28,520				

I. *General superintendence*—Increase Rs. 11,941.—This is chiefly in "Engineers' salaries" and is due to the grant of the exchange compensation allowance from 1st April 1893 to certain members of the superior staff.

II. *Maintenance and renewal of permanent-way*—Decrease Rs. 1,25,995.—The decrease of 9.25 miles in the special renewal with 60 lb. rails fully accounts for this.

III. *Repairs of bridges, &c.*—Decrease Rs. 15,118.—The decrease is mainly in item (2) "Miscellaneous" and is due to abnormal expenditure in the corresponding period of 1893 in repairing damages by floods.

IV. *Repairs of stations and buildings*—Decrease Rs. 14,840.—The expenditure of the 1893 period included an abnormal sum of Rs. 8,638 as previously reported. The general repairs were lighter during the period under review.

VI. *New minor works*—Decrease Rs. 3,139.—The write-back to Capital of Rupees 4,360 charged to Revenue in the previous half-year for watering arrangements at Tulikapatty explains this decrease.

VII. *Unclassified expenditure*—Increase Rs. 3,094.—This is chiefly in item (2) "Tools and plant" and is due to renewals on division B.

33-A.—The cost of maintaining a mile of single track including sidings was Rs. 414.82 against Rs. 537.54 in the corresponding period of 1893.

34. *Abstract E—Locomotive expenses.*—Increase Rs. 60,783—

December 1893.	South Indian Railway including Pondicherry line.	December 1894.		
		South Indian Railway including Pondicherry line.	Mayavaram-Muttupet Railway.	Total as per half-yearly accounts.
Rs.		Rs.	Rs.	Rs.
66,247	I. General superintendence	70,371	1,933	72,304
1,58,581	II. Running expenses	1,57,570	4,313	1,61,883
2,64,081	III. Fuel	2,91,845	10,717	3,02,562
15,716	IV. Water	18,681	611	19,292
33,634	V. Oil, tallow and other stores	30,579	837	31,416
1,82,772	VI. Maintenance and renewal of locomotive engines	2,11,307	5,782	2,17,089
2,790	VI-A. Maintenance and renewal of machinery, tools and plant	2,401	66	2,467
	VII. New minor works	89	2	91
	VIII. Payment to other lines	81,670	867	82,537
30,144	IX. Unclassified expenditure			
	Total ..	9,14,433	25,027	9,39,460
8,53,966	Deduct—Value of stores returned to stock ..	4,254	117	4,371
4,680	Total ..	9,10,169	24,910	9,35,079
8,49,385				

I. General superintendence—Increase Rs. 4,324.—The percentage of the total charges for general superintendence of the Locomotive and Carriage and wagon departments charged to this head was 72.61 against 80.03 in the corresponding period of 1893.

Increases occur chiefly in items 1 and 3, salaries of superior staff and subordinate superintendents, and are due to the grant of the exchange compensation allowance and annual increments.

III. Fuel—Increase Rs. 27,484.—The greater part of this increase is in item (4) "wood" and is due to the greater consumption of the article consequent upon increased train mileage.

IV. Water—Increase Rs. 2,965.—Rs. 2,850 of this is the value of a portable engine erroneously allocated to Revenue instead of Capital. This has been since written back.

V. Oil, tallow and other stores—Decrease Rs. 3,055.—The decrease is chiefly in the cost of lubricating and lighting oils consumed for which lower rates obtained.

VI. Maintenance and renewal of locomotive engines—Increase Rs. 28,535.—This is due to a greater number of engines having been repaired during the half-year.

34-A. The locomotive expenses per train mile were 8-90 annas against 8-70 annas and per engine mile 7-56 annas against 7-39 annas.

35. Abstract C—Carriage and wagon expenses.—Increase Rs. 7,232—

December 1893.		December 1894.		
South Indian Railway including Pondicherry line.		South Indian Railway including Pondicherry line.	Máyavaram-Muttupet Railway.	Total as per half-yearly accounts.
Rs.		Rs.	Rs.	Rs.
16,624	I. General superintendence	26,626	729	27,355
1,01,162	II. Repairs and renewals of vehicles—			
1,54,053	Coaching vehicles	86,617	2,644	89,261
2,159	Goods vehicles	1,53,204	4,322	1,57,526
22,763	II-A. Repairs and renewals of machinery, tools and plant			
304	III. Cleaning, carriages and wagons and oiling	22,636	617	23,253
1,136	IV. New minor works	33	1	34
	V. Unclassified expenditure	1,742	47	1,789
2,08,600				
126				
	Total	3,05,817	8,370	3,14,187
	Deduct—Value of stores returned to stock	111	8	119
2,93,474				
	Total	3,05,706	8,362	3,14,073

I. General superintendence—Increase Rs. 10,102.—The percentage of the total charges for general superintendence of the Locomotive and Carriage and wagon departments charged to this head was 27.39 against 19.97 in the corresponding period of 1893.

Increases occur chiefly in items 1 and 3, salaries of superior staff and subordinate superintendents, and are due to the grant of the exchange compensation allowance and annual increments.

35-A. The carriage and wagon expenses per train mile amounted to 3-00 annas against 3-06 and Rs. 10-37 per 1,000 vehicle miles against Rs. 10-26.

36. Abstract D—Traffic expenses.—Increase Rs. 14,537—

December 1893.		December 1894.		
South Indian Railway including Pondicherry line.		South Indian Railway including Pondicherry line.	Máyavaram-Muttupet Railway.	Total.
Rs.		Rs.	Rs.	Rs.
47,250	I. Salaries, wages, &c.—	60,878	1,392	62,270
1,65,273	(a) General superintendence	1,66,741	4,345	1,71,086
31,468	(b) Station staff	32,266	910	33,176
63,113	(c) Train staff	47,605	1,313	48,918
3,260	II. Fuel, lighting, water and general stores	7,069	193	7,262
34,028	III. Clothing	42,875	1,160	44,035
211	IV. Printing, stationery and tickets	8		8
2,334	V. Charges for delivery and collection of goods	1,985	64	2,049
6,174	VI. Miscellaneous expenses	6,375	178	6,553
3,093	VII. Payments to other lines	3,393	93	3,486
	VIII. Unclassified expenditure			
	Total	3,61,695	9,625	3,71,320
3,36,746	Deduct—Value of stores returned to stock	1,576	61	1,637
1,443				
3,35,263	Total	3,49,820	9,574	3,59,394

I. Salaries and wages—Increase Rs. 8,876—

(a) *General superintendence—Increase Rs. 3,598.*—The increase under this head is chiefly due to the grant of the exchange compensation allowance to the Traffic Manager and some of his assistants.

(b) *Station staff—Increase Rs. 3,468.*—This is due to the appointment of night staff on the Pakula-Dharmavaram section and extra ticket collectors and clerks at other stations.

(c) *Train staff—Increase Rs. 1,810.*—Due chiefly to the employment of extra staff for night running.

II. Fuel, lighting, water and general stores—Decrease Rs. 5,508.—This is chiefly in item (1) "Fires, lights, water," &c., and is due to oils, cocoa and kerosine, being purchased at lower rates.

III. Clothing—Increase Rs. 3,809.—The blue cloth required for uniforms during the corresponding period of 1893 was drawn from general stores and charged off in the accounts of the previous half-year.

IV. Printing, Stationery and Tickets—Increase Rs. 8,317.—Due to new forms and more printed tickets being supplied to stations.

36-A. The charges for station and train staff, the tonnage of goods lifted and the ton miles of goods carried compare as follows:—

	Second half of 1893.	Second half of 1894.	Increase or decrease.	Percentage of increase or decrease.
Tonnage of goods	TONS. 767,603	TONS. 706,422	TONS. — 61,181	PER CENT. — 7.97
Ton miles of goods	TON MILES. 43,977,009	TON MILES. 47,534,650	TON MILES. 3,557,641	8.33
Station staff	RS. 1,55,273	RS. 1,58,741	RS. 3,468	2.23
Train	RS. 31,437	RS. 33,208	RS. 1,771	5.75

37. The total cost of the department averaged Annas 3-40 against Annas 3-43 per train mile in the corresponding previous half-year.

RAILWAY.

Gobt. of {1895} Madras.
PUBLIC WORKS.

Dated April, 1st.

Recd.

Encl.

G.O., 1st April 1895, Nos. 223,
224 R.

APRIL

South Indian Railway

Forwarding the note by the Chief Auditor
on the Capital and Revenue Accounts of
the — for the half-year ended the 31st
December 1894.

(Print)
Note by the Chief Auditor, South
Indian Railway, on the Capital and
Revenue Accounts for the Half year ending
31st December 1894.

Capital

Statement V

The Capital Expenditure for
the Half year amounted to Rs 2,41,326, of which
Rs 74,610 was on 'Stations and Buildings' and
Rs 54,295 on 'Carriage and Wagon Stock' —
sanctioned by the Government of India in
their No 472 R. S. dated 22nd December 1892.

2/- Statements VI and XVII

The total Capital outlay to
end of December 1894 including Suspense
Accounts was Rs 76,41,336.2 and excluding
Suspense Accounts was Rs 73,75,491.7. The latter
figures gave on the total open mileage,
1041.51, an average cost of Rs 7084.4 per mile.

Revenue

31. General Results. The following table shows the general results of the working.

	Second half of 1893	Second half of 1894	Increase or Decrease	Percentage of increase or decrease
Mean mileage worked	miles 1049.31	miles 1041.51	miles -7.81	-0.74
Train mileage	15,623.08	16,243.24	619.19	3.96
Average number of trains over the whole line daily in both directions	Number 8.09	Number 8.25	Number 39	..
Gross Earnings	Ruppes 3844.531	Ruppes 4179.287	Ruppes 334.726	8.71
Working Expenses	2444.161	2370.280	-70.881	-2.90
Net Earnings	1400.370	1808.977	408.607	28.90
Percentage of working expenses to gross earnings	63.50	56.72	-6.78	..
Do of net earnings on Capital outlay including suspense	1.84	2.37	0.53	..

41. The gross earnings per mean mile worked per week averaged Rs 154.33 against Rs 140.92 and were realized at a cost of 56.72 per cent against 63.50 during the corresponding period of 1893.

4a). The percentage of working expenses to gross earnings for the year 1894 was 59.08 against 61.25 for 1893 and the percentage of net earnings on the total Capital outlay for 1894 was 4.31 against 4.11 of the previous year.

5). The net earnings with the adjustment shown in Statement ~~XX~~ gave, after deducting interest charges and the additional contribution to Provident

Provident Fund, a surplus of Rs 58,416 of which the Company's share was Rs 10,650.2 and the Government's Rs 4,74,914

- 6/. The contribution to the Provident Institution during the half year was Rs 18167 as under :-
- | | |
|---|----------|
| 50 per cent of Compulsory deductions charged to working Expenses... | Rs 12438 |
| Additional contribution as per surplus Profit Statement No. XIX | 5735 |
| Total | 18173 |

- 7/. Gross Earnings The following table shows the gross earnings for the two half years.

	Second half of 1893	Second half of 1894	Increase or Decrease in amount	Percentage of Increase or Decrease
	Rupco	Rupco	Rupco	
Couching	1964628	2226114	261486	13.31
Goods	1771046	1907475	136429	7.70
Electric Telegraph	10527	9497	1030	9.75
Sundries	98330	36171	62159	63.21
Total	3844531	4179357	334726	8.71

- 8/. Abstract H. Couching Traffic The number of passengers of the various classes carried, including troops and Police and season tickets and the earnings therefrom compare as follows :-

	First class		Second class		Third class		Total	
	Number	Earnings	Number	Earnings	Number	Earnings	Number	Earnings
2 nd half of	1893	9422	29760	87112	73517	5804390	1752730	5102924
	1894	9744	30811	95668	81102	5871027	1997196	5976439
Increase	322	1051	6556	7555	866637	244466	873515	253102

9/- The above table shows an increase in the number of passengers carried and in earnings under all classes

10/- Other Coaching Traffic - The fluctuations in other coaching traffic are shown in the following table.

Subhead	Increase	Decrease
II Passengers Luggage	Rs 1174	Rs
III Military Baggage	.	464
IV Carriages, Horses, Dogs etc	814	70
V Military Carriages, Horses etc	119	58
VI Parcels	4229	76
VII Special Trains	465	58
VIII Miscellaneous	648	62
IX Post Office	933	75
Total	8382	466

11/- Abstract I - Goods Traffic. The following is a summary of the tonnage of goods lifted and the earnings therefrom, as compared with the corresponding period of 1893.

	Second half of 1893		Second half of 1894	
	Quantity	Earnings	Quantity	Earnings
	Tons	Rs	Tons	Rs
Merchandise General	3975.44	16831.55	4270.52	18228.52
Military Stores	87	2305	76	1322
Railway materials for construction	228.63	6565	219.63	6102.9
Coal	179.60	1925.4	154.46	16385
Revenue Stores	319.049	52968	241.887	52436
Other Goods Traffic	-	4561	-	8398
Less on to landings inconvertible	757.503	1771838	706.422	1907475
	-	793	-	-
Total	757.503	1771045	706.422	1907475

12/ Merchandise General

The traffic under this head compared with the corresponding period of 1893 — shows an increase of ton 29,508 in the tonnage lifted and Rs 139,667 in earnings.

13/ The average rate charged per ton per mile was 8.32 pice against 8.46 pice in the corresponding period of 1893.

14/ Railway materials for construction.

Decrease Tono 900 and Rs 463.

These differences being small call for no explanation.

15/ Revenue Stores.

Decrease of Tono 77,162 and Rs 532

There was a decrease of Tono 79,004 and Rs 3558 under Revenue Stores other than Coal and Locomotive Fuel, due chiefly to reduced mileage of ballast trains run for the Engineering Department and an increase of Tono 18,42 and Rs 3356 under Locomotive Fuel.

16/ The following table shows some of the principal commodities included — above under the head of "Merchandise General" carried during the two half years under comparison:—

	Second half of 1893		Second half of 1894	
	Quantity	Amount	Quantity	Amount
	Tons	Rupies	Tons	Rupies
Cotton Raw	7596	48,234	7842	55,165
Cotton Manufactured	5294	98,036	10,534	12,3873
Crain and Pulse	152,665	605,389	137,762	537,678
Hides and Skins	3376	34,974	4139	45,066
Metals	6377	48,405	6106	48,819
Oils	7605	38,669	8177	48,832
Oil seeds	13,698	59,602	16,417	80,466
Provisions	11,531	58,764	14,745	79,414
Salt	31139	100,735	35,669	116,639
Spices	7081	52,056	7319	50,227
Stone and Lime	36398	37,889	43,447	42,948
Sugar	29,799	124,764	26,495	132,607
Timber	22,727	35,769	38,564	50,355
All other articles of merchandise	43,700	24,1287	52,198	302,155

17/ Cotton Raw. Increase of Tons 246 and Rs 6931.

The increase was in loose cotton from Satur to Indicoor and pressed cotton from Trichinopoly to Madras.

18/ Cotton Manufactured. Increase of Tons 5240 and Rs 338.

This improvement was chiefly in European Piece-Goods booked from Madras to Madras and other local stations and also in Indian "Twist and Yarn".

19/ Crain and Pulse. Decrease of Tons 14,903 and Rs 67,711.

There was a marked falling off in the quantities of food grains (other than rice) and

and pulse booked from Northern stations and Foreign Railways to Madras and the Southern Districts where scarcity prevailed in the corresponding period of 1893.

The increase in rice traffic was from stations in the Tanjore District.

20/. Hides and Skins. Decrease of Tons 763 and Rs 10,092.

The increase is due to continued improvement in the tanning industry at Dindigul.

21/. Oils. Increase of Tons 572 and Rs 9,563.

The increase was chiefly in Kerosine oil and castor oil from Madras to Tanjore, Madras and Tirnevelly Districts.

22/. Oil seeds. Increase of Tons 2719 and Rs 20,864.

Over ten thousand Rupees of this increase was in 'Till or Gingelly' seeds from Kanni and the Mysore District to Tirnevelly owing to the failure of crops there. There was also an improvement in the export of castor oil seeds from the Dharmavaram Pakkala section to Madras due to exceptionally good crops in the Buddapah District.

23/. Provisions. Increase of Tons 3214 and Rs 20,650.

The increase was chiefly due to traffic in tamarind from Dharmavaram Pakkala section and Vellore to the Tanjore and Southern Districts.

Salt.

24/ Salt. Increase of Tons 4,530 and Rs 15,904.

The increase was chiefly in the traffic from Tuticorin, Muttet, Acharapattam, Venkatachellam and Nellore stations.

25/ Stone and Lime. Increase of Tons 7,049 and Rs 5,059.

Stone carried from Pallavaram to Madras for the harbour works and gravel from Tanjore to Kegalapattam for the Municipal and Local Fund Departments, account for the increase.

26/ Sugar. Decrease of Tons 3,304 and increase of Rs 7,843.

The improvement of Rs 7,800 was in jaggery from Tirunelveli to Kallikuppam.

27/ Timber. Increase of Tons 15,835 and Rs 14,589.

Firewood carried for the Kallikuppam, Madura and Koilpatti mills, accounts for nearly all this increase.

28/ All other articles of Merchandise.

Increase of Tons 8,498 and Rs 60,868.

The increase was chiefly under Cocoanuts and seeds not classified.

29/ Metals and Spices.

The fluctuations in the traffic in these commodities are small and call for no special remark.

30/ Working Expenses.

The working expenses of the two half years compare as follows:-

	Second half of 1893		Second half of 1894		Increase or Decrease in amount	Increase or Decrease in percentage
	Amount	Percentage on gross earnings	Amount	Percentage on gross earnings		
	Rs		Rs			
Maintenance	628526	16.35	485343	11.61	143183	- 22.78
Locomotive	849385	22.09	903526	21.62	54141	6.37
Carriage & Wagon	298474	7.77	303353	7.26	4879	1.63
Traffic	326284	8.72	347075	8.31	11791	3.52
General charges	294510	7.66	296576	7.10	2066	0.70
Steam Boat Sailing	"	"	"	"	"	"
Miscellaneous	34982	0.91	34407	.82	- 575	- 1.64
	2441161	63.50	2370280	56.72	- 70581	- 2.90

31/ The expenditure shown in the South Indian Railway Revenue Accounts for the 2nd half of 1893 included the cost of working the Pondicherry Railway, and in the accounts of the period under review the cost of working the Pondicherry and Mayaveram Muttupet Railways is included, in the details of expenditure and deducted at the foot of each Abstract (A to G)

32/ To admit of a ready comparison being made between the expenditure of the two half years, the expenditure of the Mayaveram Muttupet Railway is shown separately in the annexed table under each minor head.

33/- Abstract AMaintenance of way, works and station
Decrease Rs 139535.

December 1893 S. J. Ry including Pondicherry Railway		December 1894		
		S. J. Ry including Pondicherry Railway	K. K. Ry	Total as per Half yearly accounts
Rs		Rs	Rs	Rs
123,209	I General Superintendence	135,150	3,699	138,849
414,331	II Maintenance and Renewal of Permanent way.	288,336	7,892	296,228
48,244	III Repairs of Bridges & large materials	33,126	907	34,033
	III (A) Conservancy of Rivers &c.	.	.	.
32,466	IV Repairs of Stations & Buildings wages & materials	17,626	482	18,108
	V Maintenance by contract	.	.	.
4,345	VI New minor works	1,206	33	1,239
46,687	VII Unclassified Expenditure	49,781	1,362	51,143
6,69,282	Total	6,25,225	14,375	5,39,600
40,756	Deduct Value of Stores returned to stock	36,534	1,000	37,534
6,28,526	Total	4,88,691	13,375	5,02,066

I. General Superintendence. Increase Rs 11,941

This is chiefly in 'Engineers Salaries' and is due to the grant of the Exchange Compensation allowance from 1st April 1893 to certain members of the Superior Staff.

II. Maintenance & Renewal of Permanent way.

Decrease Rs 1,25,995.

The decrease of 9.25 miles in the special renewal with 50 lb rails fully accounts for this.

III. Repairs of Bridges &c. Decrease Rs 15,118.

The decrease is mainly in item (2) "Miscellaneous" and is due to abnormal expenditure in the corresponding period of 1893 in repairing damages by floods.

IV. Repairs of Stations and Buildings Decrease Rs 14,840.

The expenditure of the 1893 period included an abnormal sum of Rs 5,638 as previously reported. The general repairs were lighter during the period under review.

V. New minor works. — Decrease Rs 3,139.

The write-back to Capital of Rs 4,360 charged to Revenue in the previous Half year for watering arrangements at Tulikapatly explains this decrease.

VII. Unclassified Expenditure

Increase Rs 3,094

This is chiefly in item (2) "Iron and Plant" and is due to renewals on Division B.

33A/. The cost of maintaining a mile of single track including sidings was Rs 413.82 against Rs 537.54 in the corresponding period of 1893.

34/- Abstract B

Locomotive Expenses. Increase Rs 60783

123

December 1893		December 1894		
S. J. Ry including Freight-charging Fund		S. J. Ry including Freight-charging Fund	M. & N. Ry	Total and other accounts
Rs		Rs	Rs	Rs.
66,247	I General Superintendence	70,571	1932	72,503
1,58,582	II Running Expenses	1,57,370	4,313	1,61,683
364,081	III Fuel	3,91,565	10,717	4,02,282
15,716	IV Water	18,681	511	19,192
30,634	V Oil, Tallow and other stores.	30,879	837	31,716
1,82,772	VI Maintenance and Renewal of Loco: Engines	2,11,307	5,752	2,17,059
2,790	VI(A) Maintenance and Renewal of machinery Tools & Plant	2,401	66	2,467
"	VII New minor works.	"	"	"
"	VIII Payment to other Lines	89	2	91
30,144	IX Unclassified Expenditure	31,670	867	32,537
5,53,966	Total	9,14,433	25,027	9,39,460
4,550	Deduct. Value of stores returned to stock	4,264	117	4,381
5,49,386	Total	9,10,169	24,910	9,35,079

I. General Superintendence. Increase Rs 4324

The percentage of the total charges for General Superintendence of the Loco and Carriage and Wagon Departments charged to this head was 72.61 against 80.03 in the corresponding period of 1893.

Increases occur chiefly in items 143 — Salaries of superior staff and subordinate — Superintendents

Superintendents and are due to the grant of the Exchange Compensation allowance and annual increments.

III Fuel ————— Increase Rs 27,484. 13 ✓

The greater part of this increase is in item (4) "wood" and is due to the greater consumption of the article consequent upon increased train mileage.

IV Water ————— Increase Rs 2965. ✓

Rs 2850 of this is the value of a portable Engine erroneously allocated to Revenue instead of Capital. This has been since written back.

V Oil, Tallow and other stores — Decrease Rs 3,055. ✓

The decrease is chiefly in the cost of lubricating and lighting oils consumed for which lower rates obtained.

VI Maintenance and Renewal of Loco. Engines

Increase Rs 28,535.

This is due to a greater number of Engines having been repaired during the Half year.

34A/- The Locomotive expenses per train mile were 8.93 annas against 8.70 annas and per Engine mile 7.56 annas against 7.39 annas.

35/ Abstract CCarriage & wagon Expenses - Increase Rs 7232

<u>December 1893</u>		<u>December 1894</u>		
S. J. Ry. including Line Produced by		S. J. Ry. including Line Produced by	S. J. Ry. including Line Produced by	Total as per East. Ry. & N.W. Ry.
Rs		Rs	Rs	Rs
16524	I General Superintendence	26626	729	27355
	II Repairs & Renewals of Vehicles			
101162	Coaching Vehicles	96617	2644	99261
154053	Goods Vehicles	158264	4332	162596
2659	II(A) Repairs & Renewals of machinery, Tools and Plant			
22763	III. Cleaning carriages & wagons & tiling	22336	617	23153
304	IV New minor works	32	1	33
1135	V Unclassified Expenditure	1742	47	1789
298600	Total	305517	8370	314187
126	Deduct - Value of stores returned to stock	111	3	114
298474	Total	305706	8367	314073

I. General Superintendence - Increase Rs 10102

The percentage of the total charges for General Superintendence of the Loco. and Carriage and wagon Departments charged to this head - was 27.39 against 19.97 in the corresponding period of 1893

Increases occur chiefly in items 1 & 3 salaries of Superior Staff and subordinate Superintendents and are due to the grant of the Exchange-Compensation allowance and annual increments.

35A/- The carriage and wagon expenses per train mile amounted to 3.00 annas against 3.06 and

and Rupees 10.37 per 1000 vehicle miles against
Rs 10.26.

36/ Abstract D.

Traffic Expenses - Increase Rs 14,537

December 1893		December 1894		
S. J. K. including Puducherry		S. J. K. including Puducherry	4. 11. 94	Total
Rs		Rs	Rs	Rs
	I Salaries, wages etc			
47250	(a) General Superintendence	50878	1392	52270
155273	(b) Station Staff	158741	4345	163085
31456	(c) Train Staff	33266	910	34176
53113	II Fuel, Lighting, water & General Stores	47605	1303	48908
3260	III Clothing	7069	193	7262
34028	IV Printing Stationery & Tickets	42375	1160	43535
211	V Charges for delivery & collection of goods	8	"	8
2834	VI Miscellaneous Expenses	1985	54	2039
6178	VII Payments to other Lines	6375	175	6550
3093	VIII Unclassified Expenditure	3393	93	3486
336726	Total	351695	9625	361320
1443	Deduct. Value of stores returned to stock	1875	51	1926
335283	Total	349820	9574	359394

I Salaries and wages — Increase Rs 5576

(a) General Superintendence - Increase Rs 3598

The increase under this head is chiefly due to the grant of the Exchange Compensation allowance to the Traffic Manager and some of his Assistants.

(b) Station Staff - Increase Rs 3468

This is due to the appointment of night staff on the Pakala. Shannaracram section and extra Ticket collectors and clerks at other stations.

(C) Train Staff ————— Increase Rs 1810.

Due chiefly to the employment of extra staff for night running.

II Fuel, Lighting, water & General stores. Decrease Rs 5508.

" This is chiefly in item (1) "Fuel, Light, water" etc and is due to oils, cocoa and kerosine, being purchased at lower rates.

III Clothing ————— Increase Rs 3809.

The blue cloth required for uniforms — during the corresponding period of 1893 was drawn from General Stores and charged off in the account of the previous half year.

IV Printing Stationery & Tickets. Increase Rs 8347.

Due to new forms and more printed tickets being supplied to stations.

364/- The charges for station and train staff, the tonnage of goods lifted and the ton miles of goods carried

Compare

(15)

(17)

compare as follows: -

	Second half of 1893	Second half of 1894	Increase or Decrease	Percentage of Increase or Decrease
Tonnage of goods	Tons 757,503	Tons 706,422	Tons 51,081	Per cent - 6.74
Ton miles of goods	Ton miles 43977009	Ton miles 47638659	Ton miles 36,61650	8.3
Station Staff	Ruppes 155273	Ruppes 158741	Ruppes 3468	2.2
Train Staff	Ruppes 31,457	Ruppes 33,266	Ruppes 1,809	5.7

37/. The total cost of the department averaged —
annas 3.40 against annas 3.43 per train mile in
the corresponding previous half year.

38/. Abstract E.

General charges. Increase Rs 4,528.

December 1893.		December 1894.		
		S. & R. including Post & Telegraph	M. & R.	Total as per half year
47,688	I General Administration.	Rs 52171	Rs 1427	Rs 53598
41,686	IA Government Supervision			
	Audit & Control	40551	1110	41661
124,625	II Salaries of Indian Management including Offices	128450	3515	131965
17,933	III Police	15893	435	16328
1012	IV Advertising	2238	63	2301
60936	V Electric Telegraph	59561	1630	61191
	VI Clearing accounts with other Lines	"	"	"
676	VII Unclassified Expenditure	132	4	136
294,556	Total	299046	8184	307230
46	Deduct. Value of stores returned to stock.	8	"	8
294,510	Total	299038	8184	307222

I. General Administration - Increase Rs 4,483.

This is chiefly attributable to differences in the rates of exchange of the two Half years.

I (A) Government Supervision Audit and Control.
Decrease Rs 1,135.

The proportion charged to the Mayavaram Muthupet Railway explains this decrease. No charge under this head is made by Government for the Mayavaram Muthupet Railway.

II Salaries of Indian management including
Offices
Increase Rs 3,825.

This is chiefly in the establishment charges and is due to the grant of Exchange - Compensation allowance and annual increments.

39/. Abstract of Special and Miscellaneous Expenditure
Increase Rs 265.

December 1893		December 1894		
		S. S. Rs including exchange	Rs. Rs	Total as per half yearly return
No		No	No	No
120	I Law charges	262	7	269
3034	II Compensation	3,821	105	3,926
12,141	III Rates and Taxes	12,602	345	12,947
6,021	IV Payments to other Lines	3,720	102	3,822
"	V Prizes for station gardens etc	"	"	"
11,673	VI Contribution to Provident Institution	12,107	331	12,438
1,993	VII Miscellaneous	2,205	60	2,265
34,982	Total	34,717	950	35,667

40/. There is slightly increased expenditure under all the minor heads of this abstract except IV - "Payments to other Lines" which shows a decrease Rs 2301 in item (3) "Mileage and Demurrage of - Foreign Stock". The interchange of vehicles with the Southern Mahratta Railway up at Dharmavaram Junction resulted in a credit to this Railway of Rs 55 during the half year under review.

41/. Statement of train mileage - Form. 12 XIV

The miscellaneous engine mileage 295053 (290792 S. I. Ry. 4261 Pondicherry Ry.) was 15.10 per cent of the total ^{train} mileage 1630024 (1623924 S. I. Ry. 6100 Pondicherry Ry.) against 17.62 per cent in the corresponding period of 1893.

W. S. S. S.
Chief Auditor
S. I. Railway.

129

PROCEEDINGS OF THE MADRAS GOVERNMENT.

Read the following

Letter from the Agent, South
Indian Railway, forwarding
note by the Chief Auditor
on the Capital & Revenue
accounts, S.I.R. for 2nd
half of 1894.

S. E. No: 288 R dy 27.3.95

Ordered to be forwarded
to the Govt. of India, in con-
tinuation of P. W. Department
endorsement No. 144 R dy
10th March 1895 and to the
Secretary of State.

To
The Agent, S.I.R.
" Examiner, R. Accts -

S. E. No: 224 R . dy 1.4.95

Forwarded.

10/29/95

19th Apr 95

To
The R. ... of State
for India

Right Honble Sec
... 2/43 R 49.3
... have the honour

1404 25
288 27.3.95
A

our
forward a copy of Proc. of
Govt. No. 223 R. of 1st April 95
embodying a note by the
Chief Auditor on the Capital
& Rev: Accounts ^{of the} S. I. Ry.
for the half year ended the
31st December 1894 -

APR
29/2/95

1. ^{AR}
Please initiate these things before this
come to me. The wording of the letter
to the Secy of State is not particularly
choice, but if in usual form may
pass.

End. C. A. Menimany.
1.4.95

No. 223 R dated 1.4.95
224

1st APRIL 1895, No. ¹⁰/₂₂₃ R., PUBLIC WORKS.

PUBLIC WORKS DEPARTMENT.

LETTER—to

THE RIGHT HONOURABLE THE SECRETARY OF STATE FOR INDIA.

RIGHT HONOURABLE SIR,

In continuation of our despatch No. ¹⁰/₁₄₃ R., dated 9th March 1895, we have the
honour to forward a copy of our Proceedings No. 223 R., dated 1st April 1895,
embodying a note by the Chief Auditor on the Capital and Revenue Accounts of
the South Indian Railway for the half-year ended the 31st December 1894.

We have the honour to be,

Right Honourable Sir,

Your most obedient, humble servants,

(Signed) WENLOCK.

(") H. W. BLISS.

(") J. GROSE.

FORT ST. GEORGE,
1st April 1895.

End. C. A. Menimany.

GOVT. OF MADRAS.

PUBLIC WORKS DEPARTMENT.

(Copy.)

LETTER to the Right Honourable
the Secretary of State for
India.

No. $\frac{10}{223}$ R., dated 1st April 1895.

FORWARDING copy of Proceedings embodying
a note by the Chief Auditor on the Capital and
Revenue Accounts of the South Indian Railway
for the half-year ended the 31st December 1894.