

Public Works (1893) Department.

RAILWAY BRANCH.

G.O., No. 706 R

DATED 11th April

[Despatch Abstract.]

Capital and Revenue accounts, South Indian
Railway, for 1st half of 1892. — Certain obser-
-vations of the Govt of India on the —, Communi-
-cated to the Consulting Engineer for Railways
for report.

BACK PAPERS.

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

FURTHER PAPERS.

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

statement showing, in comparison, the gross earnings and working expenses, &c., on the South Indian railway, for the half-year ended the 30th June 1892, and on certain other metre gauge railways for the half-year ended the 30th June 1892.

Railways.	Gross earnings.	Working Expenses.	Percentage of working expenses on gross earnings.	Gross earnings (excluding steam-boat) per mean mile worked per week.	Working expenses (excluding steam-boat) per train-mile.	Mean mileage worked.
	Rs.	Rs.		Rs.	Rs.	Miles.
South Indian ...	(a) 36,62,773	(b) 24,17,300	66.00	*134 139	1.53	†1,053.40 1,011.72
Rajputana-Malwa ...	1,30,08,524	49,63,764	38.16	299	1.25	1,674.02
Bengal and North Western (including Tirhoot section) ...	29,33,303	10,29,305	35.09	139	1.06	752.03

* Based on mileage worked out in the office.

† Mileage worked out in the office.

(a) Excludes Rs. 1,48,441 the credit on account of Fire Insurance Fund repaid by old company. But includes the amount received for working the Pondicherry railway.

(b) Includes the cost of working the Pondicherry railway.

Statement showing, in comparison, the cost of supervision, &c., in the several departments, on the South Indian railway (metre gauge) for the half-year ended the 30th June 1902, and on certain other metre gauge railways for the half-year ended the 30th June 1902.

Principal headings.	South Indian (including Pondicherry).	Rajputana-Malwa (including the Gachwar's Mehabana).	Bengal and North-Western (including Turbott).
MAINTENANCE OF WAY, WORKS AND STATIONS.			
<i>Engineers' salaries and allowances.</i>			
Per mean-mile of line maintained Rs.	48-02		
„ mile of track, including sidings „	44-07	42-22	29-75
	45-69	38-67	26-49
<i>Subordinate superintendents' salaries and allowances, including overtime.</i>			
Per mean-mile of line maintained Rs.	34-01		
„ mile of track, including sidings „	30-64	28-72	27-13
	31-76	25-08	24-14
<i>Office expenses.</i>			
Per mean-mile of line maintained Rs.	32-10		
„ mile of track, including sidings „	28-92	20-08	13-51
	29-98	17-63	12-03
<i>Maintenance and renewal of permanent-way.</i>			
Per mean-mile of line maintained Rs.	527-37		
„ mile of track, including sidings „	475-11	267-22	133-39
	492-64	233-33	119-71
<i>Total maintenance.</i>			
Per mean-mile of line maintained Rs.	750-51		
„ mile of track, including sidings „	676-13	495-08	200-92
	700-93	432-29	232-21
Mean mileage maintained Miles	1,019-67	1,706-65	752-03
	1,061-25		
Total miles of track, including sidings... .. „	1,136-31	2,023-21	845-00
	1,177-99		
LOCOMOTIVE EXPENSES.			
<i>Salaries of superintendents and assistants, including allowances.</i>			
Per engine-mile Annas	0-11	0-15	0-09
<i>Salaries of subordinate superintendents, including allowances.</i>			
Per engine-mile Annas	0-24	0-17	0-19
<i>Office expenses.</i>			
Per engine-mile Annas	0-16	0-24	0-17
<i>Wages of drivers and firemen, including overtime.</i>			
Per engine-mile Annas	1-13	1-43	0-76
<i>Fuel, average cost.</i>			
Per engine-mile Annas	3-39	3-75	1-30
„ 1,000 gross ton-miles Rs.	1-02	1-26	0-49

* Antique figures are calculated on mileage worked out in office while the ordinary figures on mileage shown in the Revenue Account.

Statement showing, in comparison, the cost of supervision, &c.—continued.

Principal headings.	South Indian (including Pondicherry).	Rajputana-Malwa (including the Gachwar's Mehabana).	Bengal and North-Western (including Turbott).
LOCOMOTIVE EXPENSES—conold.			
<i>Fuel, average quantity consumed.</i>			
Per engine-mile lbs.	21-28	20-72	27-77
„ 1,000 gross ton-miles „	216-73	160-16	160-90
<i>Maintenance and renewals.</i>			
Per engine-mile Annas	1-51	1-30	0-62
<i>Maintenance and renewals of machinery, &c.</i>			
Per engine-mile Annas	0-02	0-03	0-01
<i>Total locomotive expenses.</i>			
Per engine-mile Annas	7-44	8-43	3-62
Total engine-mileage Engine-miles	1,853,036	4,453,090	1,023,540
Total gross ton-mileage Ton-miles	241,780,749	826,426,020	1,76,696,299
CARRIAGE AND WAGON EXPENSES.			
<i>Salaries of superintendents, including allowances.</i>			
Per 1,000 vehicle-miles run by home vehicles Rs.	0-08	0-09	0-09
<i>Salaries of subordinate superintendents, including allowances.</i>			
Per 1,000 vehicle-miles run by home vehicles Rs.	0-16	0-11	0-19
<i>Office expenses.</i>			
Per 1,000 vehicle-miles run by home vehicles Rs.	0-10	0-18	0-16
<i>Repairs and renewals of vehicles.</i>			
Coaching vehicles (wages, including overtime and materials). Rs.	4-49	5-22	2-11
Per 1,000 coaching vehicle-miles run by home vehicles Rs.	3-84	2-90	1-94
Goods vehicles (wages, including overtime and materials). Rs.	3-23	2-27	1-84
Per 1,000 goods vehicle-miles run by home vehicles Rs.			
<i>Repairs and renewals of machinery, &c.</i>			
Wages, including overtime and materials. Rs.		0-02	0-02
Per 1,000 vehicle-miles run by home vehicles Rs.	4-79	4-42	2-85
<i>Total carriage and wagon expenses.</i>			
Per 1,000 vehicle-miles run by home vehicles Rs.	13,920,744	21,920,911	9,242,020
Coaching vehicle-miles „	15,040,688	71,946,493	14,515,167
Goods vehicle-miles „	28,861,432	93,867,399	23,757,207
Total vehicle-miles run by home vehicles „			
TRAFFIC EXPENSES.			
<i>Salaries of Traffic Managers, &c., including travelling allowances.</i>			
Per mean-mile worked Rs.	40-34	39-06	20-07
„ total train-mile „	141-99	0-27	0-29
„ cent. of total traffic earnings Annas	0-43	0-53	0-58
	1-19		

* Calculated on mileage worked out in office.
† Calculated on mileage of the Revenue Account.

Statement showing, in comparison, the cost of supervision, &c.—concluded.

Principal headings.	South Indian (including Pondicherry).	Rajputana-Malwa (including the Gachwar's Michman).	Bengal and North-Western (including Turbot).	
TRAFFIC EXPENSES—concl.				
<i>Office establishment and contingencies.</i>				
Per mean-mile worked	Rs. *11-91			
„ total train-mile	†12-40	29-27	16-77	
„ cent. of total traffic earnings	Annas 0-13	0-20	0-23	
<i>Station staff.</i>				
Per total train-mile	Annas 0-35	0-39	0-49	
„ cent. of total traffic earnings	1-46	1-33	1-49	
<i>Train staff.</i>				
Per total train-mile	Annas 3-99	3-39	3-06	
<i>Total traffic expenses.</i>				
Per mean-mile worked	Rs. *306-30			
„ total train-mile	†318-83	421-39	276-96	
„ cent. of total traffic earnings	Annas 3-29	2-06	3-65	
	8-98	5-75	7-97	
Total train-mileage	Train-miles 1,681,403	4,017,862	865,892	
Total traffic earnings	Rs. 36,19,453	1,29,39,969	26,12,635	
GENERAL CHARGES.				
<i>Controlling office, including travelling allowances and contingencies.</i>				
Per mean-mile worked	Rs. *18-25			
„ total train-mile	†20-04	17-15	35-02	
„ cent. on total earnings	Annas 0-21	0-12	0-49	
<i>Audit accounts and pay, including travelling allowances and contingencies.</i>				
Per mean-mile worked	Rs. *52-77			
„ total train-mile	†54-93	60-05	47-91	
„ cent. on total earnings	Annas 0-57	0-43	0-67	
<i>Stores, including travelling allowances and contingencies.</i>				
Per mean-mile worked	Rs. *12-11			
„ total train-mile	†13-61	20-22	9-31	
„ cent. on total earnings	Annas 0-13	0-14	0-13	
	0-35	0-27	0-24	
<i>Total general charges.</i>				
Per mean-mile worked	Rs. *259-00			
„ total train-mile	†269-69	323-49	248-02	
„ cent. on total earnings	Annas 2-78	2-29	3-45	
Total earnings	Rs. 7-49	4-34	6-36	
	36,71,991	1,31,62,354	29,33,308	

* Calculated on mileage worked out in the office.
† Calculated on mileage shown in the Revenue Account.

No. 84. R. Stat.

GOVERNMENT OF INDIA.

PUBLIC WORKS DEPARTMENT.

RAILWAY *Statistics.*

All communications
should be addressed to
the Secretary.

To

The Joint Secretary to the Government of Madras,
Public Works Department.
Railway Branch.

Simla, the 20th March 1893.

Sir,

In acknowledging the receipt of the Capital and Revenue Accounts of the South Indian railway for the 1st half of 1892 and the note thereon by the Consulting Engineer, received under your endorsements Nos 2546 R. P. W. and 2866 R. P. W. dated respectively the 28th October and 30th November 1892, I am directed to forward statements shewing the earnings and expenses, cost of supervision, &c., of this line as compared

compared with those of certain other metre gauge railways and to call attention to the high figures under "Maintenance of way, works, and stations" and "Locomotive expenses" that obtain on the South Indian railway for the half year under review.

2. I am also to invite attention to the following errors and omissions noticed in connection with the accounts under review and the note thereon.

3. Revenue Account, Statement No. XIII.

mileage statement. The mean mileage worked during the half year has been given as 1,011.72 miles; this appears to have been calculated from the dates the sections Vayalpad to Dharmavaram and Dharmavaram to Guntakal were opened for passenger traffic, viz on 20th March and 1st June 1892 respectively. As however both these sections were opened on 1st March 1892 for goods traffic, the mean mileage worked should

should have been calculated from that date. On this basis the mean mileage works out to 1,053.40 miles.

4. Consulting Engineer's Note. Paragraph 28.

In the last column of the table of working expenses, the increases and decreases in percentages of working expenses on gross earnings have been given, whereas this column is intended to show the percentages of increases and decreases in the working expenses.

5. Paragraph 35. The carriage and wagon expenses per 1000 vehicle miles are said to have amounted to 4.78 annas against 5.05 annas. The word "annas" has apparently been misprinted for "rupees".

6. No mention has been made of statement No. XVI of the revenue account in the note.

7. I am also to forward statements shewing the earnings and expenses, Cost

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cost of supervision, &c, of this line as compared with those of certain other principal metre gauge railways and to call attention to the high figures under "Maintenance of way, works and stations" and "Locomotive expenses" that obtain for the railway under criticism.

I have the honour to be,

Sir,

Your most obedient servant,

Enclosed (25.5)
Dec: 27.3.93 J. A. T. T. But

Under Secretary

Documents accompanying.
Stats. refer to?

B. No. 706 R of 11-4-93

Communicated
to the Consulting Engineer
for Railways for report.

7/12/94
29/3
No Cons/mt for Rys
Exr Bd Rys
11/11