

Public Works (1899) Department.

RAILWAY BRANCH.

G.O., No. 1537-38 Ry

DATED 28th October

[Despatch Abstract.]

Six months' estimate of the Kallikiri-Raya-Choti Light Railway Survey. — Ordered that the — for the year 1899-1900, together with a note by the Examiner, Guaranteed Railway accounts, Madras, be forwarded to the Govt. of India.

Forwarded

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

Railway.

Read the following papers:—

From—The Agent, South Indian Railway.
To—The Consulting Engineer for Railways, Madras.
Dated—Trichinopoly, 26th September 1899, No. 956.

Note by the Chief Auditor, South Indian Railway, on the Capital and Revenue Accounts of the Mayavaram-Mutupet Railway for the half-year ended 30th June 1899.

CAPITAL.

Statement No. V.—The net result of the capital account transactions for the half-year was a credit of Rs. 803 due to the surrender of land to the Civil Department, and to the transfer of stores to the South Indian Railway.

2. Statements Nos. VI and XVIII.—The total capital expenditure was Rupees 24,94,102 and gave an average cost of Rs. 46,196 per mile upon the total mileage of 53.99 opened for traffic.

REVENUE.

3. General Results.—The following table shows the general results of working:—

	First-half of 1898.	First-half of 1899.	Increase or decrease.	Percentage of increase or decrease.
Mean mileage worked	MILES.	MILES.	MILES.	
Train mileage	53.99 61,802	53.99 56,933	4,869	7.88
Average number of trains over the whole line daily in both directions	NO. 6.32	NO. 5.83	0.49	..
Gross earnings	RS. 1,23,235	RS. 1,21,103	2,132	1.73
Working expenses	90,498	75,465	15,033	16.61
Net earnings	32,737	45,638	12,901	39.41
Percentage of working expenses to gross earnings	73.44	62.31	11.13	..
Percentage of net earnings on capital outlay including suspense	1.31	1.83	.52	..

4. The gross earnings per mean mile worked per week averaged Rs. 86.27 against Rs. 87.79 and were realized at a cost of 62.31 per cent. against 73.44 per cent. during the corresponding period of 1898.

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

	First-half of 1898.	First-half of 1899.	Increase or decrease in amount.	Percentage of increase or decrease.
Coaching	RS. 88,400	RS. 89,724	1,324	1.50
Goods	33,069	30,340	2,729	8.25
Electric telegraph	425	392	33	7.76
Sundries	1,341	647	694	51.75
Total	1,23,235	1,21,103	2,132	1.73

6. Abstract II—Coaching Traffic.—The number of passengers carried in the various classes including troops, police and season ticket holders and the earnings therefrom compare as follows:—

	First class.		Second class.		Third class.		Total.	
	Number.	Earnings.	Number.	Earnings.	Number.	Earnings.	Number.	Earnings.
First half of { 1898 ..	173½	RS. 171	2,738	RS. 1,363	538,955½	RS. 84,662	541,867	RS. 86,196
{ 1899 ..	193	199	2,896	1,416	576,587	86,225	579,676	87,640
Increase	19½	28	158	53	37,631½	1,563	37,809	1,644
Decrease	..	..	..	..	..	..	..	..

7. The above table shows increases in the number of passengers carried and earnings therefrom under all classes. This result being due to the development of ordinary traffic.

8. Other Coaching Traffic.—The fluctuations in other coaching traffic are as under:—

	Increase.	Decrease.
	RS.	RS.
II. Passenger's luggage	..	63
III. Military baggage	1	..
IV. Carriages, horses, dogs, etc.	..	22
VI. Parcels	..	248
VIII. Miscellaneous	13	..
IX. Post office	..	..
	14	333

9. 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 1898:—

	First half of 1898.		First half of 1899.	
	Quantity.	Earnings.	Quantity.	Earnings.
Merchandise, general	TONS. 28,034	RS. 81,033	TONS. 21,559	RS. 26,536
Military stores	6	19	1	2
Railway materials for construction	4,022	704	1,102	241
Coal	1,455	520	1,716	592
Revenue stores	2,604	450	57,193	2,703
Other goods traffic	..	343	..	266
Total	36,121	33,069	81,571	30,340

10. *Merchandise, General.*—The traffic under this head shows the following results as compared with the corresponding period of 1898:—

						Decrease.	Per cent.
Tonnage	...	...	...	...	...	6,475	or 23.10
Ton mileage	...	...	...	...	...	91,814	or 14.41
Earnings	...	...	...	...	...	4,497	or 14.49

11. The average rate charged per ton per mile was 9.34 pies against 9.35 pies in the corresponding period of 1898.

12. 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:—

	First half of 1898.		First half of 1899.	
	Quantity.	Amount.	Quantity.	Amount.
Grain and pulse	TONS.	RS.	TONS.	RS.
Metals	8,818	8,746	8,477	8,589
Oils	360	758	283	492
Oilseeds	767	1,559	826	1,262
Railway plant and rolling-stock	697	856	419	372
Spices	20	28	34	21
Stone and lime	1,513	3,166	1,722	3,348
All other articles of merchandise	10,007	7,273	1,575	1,013
	3,263	4,956	4,735	6,705

13. The only important fluctuation was under "stone and lime," which shows a decrease of 8,432 tons and Rs. 6,260, due to the despatch in the corresponding half-year of large quantities of gravel from Tanjore to Peralam for the construction of the Peralam-Karaikkal Railway.

14. The working expenses for the two half-years compare as follows:—

	First half of 1898.		First half of 1899.		Increase or decrease in amount.	Percentage of increase or decrease.
	Amount.	Percentage of gross earnings.	Amount.	Percentage of gross earnings.		
Maintenance	RS.		RS.		RS.	
Locomotive	13,216	10.72	12,261	10.12	955	7.23
Carriage and wagon	24,026	19.50	26,342	21.75	2,316	9.64
Traffic	7,306	5.93	6,615	5.48	691	9.46
General charges	11,335	9.20	11,138	9.20	197	1.74
Steam boat service	8,858	7.19	8,671	7.16	187	2.11
Special and miscellaneous	25,757	20.90	10,438	8.62	15,319	59.48
Total	90,498	73.44	75,465	62.31	15,033	16.61

15. The line is worked by the South Indian Railway and the working expenses are calculated in the ratio of total expenditure to total receipts of both Railways, plus a charge of 5 per cent. on the Mayavaram-Mutupet Railway gross receipts for hire of rolling-stock lent by the South Indian Railway.

16. *Statement of Train Mileage No. XIV.*—The miscellaneous engine mileage was 3.88 per cent. of the total train mileage against 12.49 per cent. in the corresponding period of 1898.

ORDER—No. 1231 Ry., dated 27th October 1899.

Ordered that the note by the Chief Auditor, South Indian Railway, on the Capital and Revenue Accounts of the Mayavaram-Mutupet Railway for the half-year ended the 30th June 1899, be forwarded to the Government of India and to the Secretary of State in continuation of G.O., No. 1122 Ry., dated 9th October 1899.

[Here enter No. 1232 Ry., dated 27th October 1899.]

(True Extract.)

FRANCIS J. E. SPRING,
Secretary.

To the Agent, South Indian Railway.
" Examiner, Guaranteed Railway Accounts, Madras.
" Financial Department.
" Local and Municipal Department.
" Accountant-General, Madras.
" Consulting Engineer for Railways.

ENDORSEMENT—No. 1232 Ry., dated 27th October 1899.

Forwarded.

(By order.)

FRANCIS J. E. SPRING,
Secretary.

Exd. T. K. Narayana Aiyangar.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

(Copy.)

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

No. $\frac{22}{1231}$ Ry., dated 27th October 1899.

FORWARDING a copy of the proceedings embodying the note by the Chief Auditor,
South Indian Railway, on the Capital and Revenue Accounts, Mayavaram-Mutupet
Railway for the half-year ended the 30th June 1899.

No. ²²_{1231 Ry.}, 27TH OCTOBER 1899.

PUBLIC WORKS DEPARTMENT.

LETTER—to

THE RIGHT HONOURABLE THE SECRETARY OF STATE FOR INDIA.

MY LORD,

In continuation of our despatch No. ¹⁷_{1122 Ry.}, dated 9th October 1899, we have the honour to forward, herewith, a copy of our Proceedings No. 1231 Ry., dated 27th October 1899, embodying a note by the Chief Auditor, South Indian Railway, on the Capital and Revenue Accounts of the Mayavaram-Mutupet Railway for the half-year ended the 30th June 1899.

We have the honour to be,

My Lord,

Your Lordship's most obedient, humble servants,

(Signed) A. E. HAVELOCK.
(„) A. T. ARUNDEL.
(„) H. M. WINTERBOTHAM.

FORT ST. GEORGE,
27th October 1899.

PUBLIC WORKS DEPARTMENT,
RAILWAY BRANCH.

1231-32 R.

DESPATCH

FOR SIGNATURE

OF

HIS EXCELLENCY THE GOVERNOR

AND

MEMBERS OF GOVERNMENT.

(With Original).

Chief Auditor
in Railway
enue Accounts of the
Mulapet Railway
30 June 1899.

1231-32 R.
12/10/99

Note by the Chief Auditor South Indian
Railway on the Capital and Revenue
accounts of the Mayavaram Mutupet
Railway for the Half year ended 30th
June 1899.

Capital

Statement No. V

The net result of the Capital accounts
transactions for the half year was a credit
of Rs 803 due to the surrender of land to the
Civil Department, and to the transfer of stores
to the South Indian Railway.

(2) Statements Nos. VI and XVIII.

The total Capital Expenditure
was Rs 2494102 and gave an average cost
of Rs 46196 per mile upon the total mileage
of 53.99 opened for traffic.

(3) General Results.

The following table shows the general results of working

	First Half of 1898	First Half of 1899	Increase or decrease	Percentage of increase or decrease
Mean Mileage worked _____	Miles	Miles	Miles	
Train Mileage _____	53.99	53.99	"	"
	61.802	56.933	4.869	7.88
Average number of trains over the whole line daily in both directions	No.	No.	No.	
	6.32	5.83	0.49	"
Gross Earnings _____	Rs	Rs	Rs	
Working Expenses _____	123,235	121,103	2,132	1.73
	90,498	75,465	15,033	16.61
Net Earnings	32,737	45,638	12,901	39.41
Percentage of working Expenses to gross Earnings	73.44	62.31	11.13	
Percentage of Net Earnings on Capital outlay including purchase	1.31	1.83	.52	

(4). The gross earnings per mean mile worked per week averaged Rs 86.27 against Rs 87.79 and were realized at a cost of 62.31 percent against 73.44 percent during the corresponding period of 1898.

(5) Gross Earnings.

The following table shows the gross earnings for the two half years

	First Half of 1898	First Half of 1899	Increase or decrease in amount	Percentage of increase or decrease
Coaching	Rs 88,400	Rs 89,724	1,324	1.50
Goods	33,069	30,340	2,729	8.25
Electric Telegraph	425	392	33	7.76
Sundries	1,341	647	694	51.75
Total	1,23,235	1,21,103	2,132	1.73

(6) Abstract N. Coaching Traffic.

The number of passengers carried in the various classes including Troops, Police and Season ticket holders and the earnings therefrom compare as follows

		First class		Second class		Third class		Total	
		Number	Earnings	Number	Earnings	Number	Earnings	Number	Earnings
			Rs		Rs		Rs		Rs
First Half of	1898	173½	171	2738	1363	53895½	84662	54186	86196
	1899	193	199	2896	1416	57658½	86225	57967	87840
Increase		19½	28	158	53	3763½	1563	37809	1644
Decrease		"	"	"	"	"	"	"	"

(7) The above table shows increases in the number of passengers carried and earnings therefrom under all classes. This result being due to the development of ordinary traffic.

(8) Other Coaching traffic. 57. 4

The fluctuations in other coaching traffic are as under: —

	Increase	Decrease
<u>II</u> Passengers Luggage	Rs	Rs
<u>III</u> Military Baggage	"	63
<u>IV</u> Carriages, Horses, Dops &c	1	"
<u>VI</u> Parcels	"	22
<u>VII</u> Miscellaneous	"	248
<u>IX</u> Post office	13	"
Total	14	333

(9) Abstract of Goods Traffic

The following is a summary of the tonnage of goods lifted and the earnings therefrom as compared with the corresponding period of 1898: —

	First Half of 1898		First Half of 1899.	
	Quantity	Earnings	Quantity	Earnings
	Tons	Rs	Tons	Rs
Merchandise General	28034	31033	21559	26536
Military Stores	6	19	1	2
Railway materials for Construction	4022	704	1102	241
Coal	1455	520	1716	592
Revenue Stores	2604	450	57193	2703
Other goods traffic	"	343	"	266
Total	36121	33069	81571	30340

(10) Merchandise General. The traffic under this head shows the following results as

as compared with the corresponding period of 1898.

	Decrease.	Per cent.
Tonnage	6,475 or	23.10
Ton. mileage	91,814 or	14.41
Earnings.	44,97 or	14.49

(11) The average rate charged per ton per mile was 9.34 pice against 9.35 pice in the corresponding period of 1898.

(12) 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.

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Stone and Lime	10,007	4,273	15,75	10,13
All other articles of merchandise	3,263	4,956	4,735	6,705

(13) The only important fluctuation was under 'Stone and Lime', which shows a decrease of 8,432 tons and Rs 6,260, due to the despatch in the corresponding half year of large quantities of gravel from Tanjore to Peralam for the construction of the Peralam Karaikkal Railway.