

Financial (1895) Department.

ORDINARY PRINTED.

G.O., No 846.

Dated 29th October 1896

INDEXED. 16/1)

[Despatch Abstract.]

RAILWAY GUARANTEE FUND.-

Preliminary statement showing the financial position of the ---
in the Tanjore district.

BACK PAPERS.

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

FURTHER PAPERS.

G.O.	No.	Department.	Date.	G.O.	No.	Department.	Date.
187			1896				

No. 846, FINANCIAL, 29TH OCTOBER 1895.

GOVERNMENT OF MADRAS.

FINANCIAL DEPARTMENT.

READ—again the following papers:—

G.O., No. 144, Financial, dated 12th February 1895.

ABSTRACT.—Recording statement showing the financial position of the Railway Guarantee Fund in the Tanjore district.

G.O., No. 581 R., P.W.D., dated 16th September 1895.

ABSTRACT.—Directing that copies of the Capital and Revenue Accounts of the Mâyavaram-Muttupet Railway for the first half year of 1895 (showing the net earnings to have been Rupees 48,367) to be forwarded to the Government of India and the Secretary of State.

G.O., No. 712, Financial, dated 20th September 1895.

ABSTRACT.—Recording, with remarks, Proceedings of the Public Works Department, No. 493 R., dated 31st July 1895, communicating the sanction of the Government of India to the further expenditure of Rs. 1,21,741 required to complete the Mâyavaram-Muttupet Railway.

READ—also the following papers:—

Endorsement No. 1357, dated 21st September 1895, from the Local and Municipal Department, transferring the revised estimate for 1895-96 and the budget estimates for 1896-97 of the Railway Guarantee Fund submitted by the President, District Board, Tanjore.

Memorandum No. 1064 D., dated 26th September 1895, from the Joint Secretary to Government, Public Works Department (Railway Branch), requesting to be furnished with a copy of the statement showing the position of the Railway Guarantee Fund, Tanjore.

G.O., No. 671 R., P.W.D., dated 9th October 1895.

ABSTRACT.—Ordering that the six months' estimate of the Mâyavaram-Muttupet Railway (Capital) for 1895-96 be forwarded to the Government of India.

ORDER—No. 846, Financial, dated 29th October 1895.

The appendix to these proceedings contains a statement of the financial position of the Railway Guarantee Fund in the Tanjore district based on the data furnished by the President of the District Board and on the revised estimate of the cost of the Mâyavaram-Muttupet Railway, which has now been raised by 1.22 lakhs. Half the additional outlay will have to be provided by the District Board.

2. The fund will have a credit balance of about 8½ lakhs at the end of 1897-98.
3. The Public Works Department will

3. The Public Works Department will be requested to intimate any further alterations that may be necessary in the statement with reference to the final estimates of Provincial outlay in 1895-96 and 1896-97.

(True Extract.)

Chief Secretary.

To the Local and Municipal Department.
 " Accountant-General.
 " Public Works Department (Railway Branch).

APPENDIX.

STATEMENT showing the financial position of the Railway Guarantee Fund in the Tanjore District (in lakhs of Rupees).

a) Outlay of 1894-95, viz., 1.26 (G.O., No. 256, Financial, dated 6th September 1895, page 7).

(b) Total outlay on the Mayavaram-Muttupet Railway up to the end of 1894-95
Additional amount now sanctioned (G.O., No. 493 R., dated 31st July 1896)

[illegible]

Balance payable { In 1896-97, .42 }
 { " 1897-98, .20 }

(c) In his estimate the President, District Board, made no provision for payment of half the Provincial outlay in 1895-96, and 1896-97.

(d) The net earnings in the first half of 1895 amounted to ₹8 lakh (G.O. No. 681 R., dated 16th September 1895).

Gobt. of {1895} Madras.
FINANCIAL.

Issued

Recd.

Encl.

G.O., No. 846, 29th October 1895.

OCTOBER.

Railway Guarantee Fund.

Preliminary statement showing the financial position of the — in the Tanjore district.

1895.

Local Fund Department.

Local & Municipal Dept.

CURRENT No. 2634

From

The President District Board,

13002: 24.7.95. TANJORE.
47071: 22.6.95. 917: 31.10.94.
464: 21.5.95. 4256: 6.6.94.
To 263: 22.3.95.
144: 12.2.95.
The Chief Secretary to Government,

Local and Municipal Department,
MADRAS.

Dated 12th
Despatched 13th September 1895.
Received 14 SEP 95

DESPATCHED
113 SEP. 95

Disposal No. 571

ENCLOSURE. me

SUBJECT.

Submitting and forwarding
the Revised Estimate
for 1895-96 and Budget
Estimate for 1896-97
relating to the Rail-
way Guarantee Fund
in the Tanjore Dis-
trict.

No. 1357

Transferred to the Financial
Department.

K. R. S.

Acting Under Secretary,

1.9
21/9/95
Fort Saint George,
21 September 1895

Recd 20/9/95

Regd -
encl. me

N.
mis.

Order

Recorded pending the
final settlement of the
estimate for Construction &
Working expenses of the
Mysore - Malabar Rail-
way for 1896-97.

In L. L. S. (P)

AB
1/9/95

(With Encl.)

Public Works Department.

CURRENT No. 1509 L

Received 31 MAY. 95

31 MAY. 95
H. R. May 95
23 JUN. 95

SUBJECT

Transferring memorial
from the inhabitants
of Mangrebar praying
for the construction of
a railway between
Mayatcham and
Mangrebar.

2056/50

Current No. 596213 95

No 832

Referred to the District
Board, Tanjore for report.

(By order)

Godhunter
Sgt. Assistant Quarters
19. VI. 95.

V.B.
7/12/95
Fort Saint George
21st June 1895

5 The Percod Distd Rd, Tanjore.

Current No. 595 of 1896
D. B.

Encl. to the Kumbakonam
Taleem Board is
requested to consider
the matter and to
report to the District
Board

Whitney

President

2868
Vallum

DESPATCHE
24 JUN. 95

Wls
25/6/95

50-2000-21-12-94

(With endorsement)

Public Works Department,
Railway Branch.

Memorial from the inhabitants of Tranquebar and its Suburbs,
dated December 1894.

Current No. 15092

Note by the Consulting Engineer for Railways, Madras.

The inhabitants of Tranquebar have submitted a memorial for the construction of a railway between Mayavaram and Tranquebar. They were informed in answer to a previous application in G.O. No. of 15th February 1890, that the construction of this line would be considered after the completion of Mayavaram-Mutpet line. An estimate for this project was made by the Consulting Engineer for Railways in 1879, embodied in Proceedings-Financial Department No. 2000 of 21st August 1879. This estimate amounted to Rs. 8,00,000 or Rs. 44,400 a mile, for 18 miles, and was framed on the assumption that the road could not be utilised—a fact which the report of the Assistant Engineer in charge seems to establish. It was also assumed that the works are to be constructed in the same substantial manner as on other parts of the system. The estimate seems capable of reduction in some particulars.

- (1) A saving of Rs. 1,000 per mile may be effected by a reduction in the average height of bank from 4 to 3 feet.
- (2) A saving of Rs. 1,200 a mile may be made in land acquisition due to decrease in height of bank and width of berms.
- (3) A saving of Rs. 2,000 a mile may be effected under stations and buildings by eliminating platforms and substituting a cheaper kind of station building.

- (4) A saving of Rs. 8,000 a mile may be effected by eliminating Rolling Stock, the line being worked by the South Indian Railway. Total saving Rs. 12,200 per mile. Against this must be put an increase under permanent way of Rs. 1,000 per mile net saving, say, Rs. 11,000 per mile.

This will reduce the estimate from Rs. 44,400 per mile to Rs. 33,400. The direct distance between Mayavaram and Tranquebar is 14 miles; allowing another mile for deviation from the straight, the ~~xxxi~~ total distance -- becomes 15 miles, and the total cost will be about five lakhs. This estimate seems not too sanguine when compared with other metre gauge lines in easy country such as the following:-

		Rs. per mile
Jodhapore-Bickaneer	---	32,936
Gaekwar's-Mehsana	---	31,351
Jetalsar-Rajkot	---	28,085

It seems probable however that the construction of the Karikal line to which the Government are committed, will put the construction of a metre gauge line to Tranquebar quite out of the question. The only alteration would -- appear to be a cheap steam tramway on the 2'-6" gauge. This would necessitate special rolling stock from England. The cost inclusive of rolling stock would probably be not more than Rs. 20,000 a mile, and in this case the existing road could be utilised. This would increase the ~~length~~ -- length from 15 to 18 miles. Total estimated cost Rs. -- 3,60,000.

The following results taken from the statistics of Indian Railways may be of assistance to the Local and Municipal Department in connection with the Mayavaram-Tranquebar Railway:-

P. T. O.

(4) A saving of Rs. 8,000 a mile may be effected by utilizing the Rolling Stock, the line being worked by the Indian Railway. Total saving Rs. 12,500 per mile. Against this must be put an increase under permanent way of Rs. 1,000 per mile per annum, say, Rs. 11,000 per mile. This will reduce the estimate from Rs. 44,400 per mile to Rs. 33,400. The direct distance between Mayavaram and Tranchur is 14 miles; allowing another mile for deviation from the straight, the total distance becomes 15 miles, and the total cost will be about five lakhs. This estimate seems not too sanguine when compared with other metre gauge lines in easy country such as the following:-

Rs. per mile	
32,938	--- Jodhpore-Bikaner
31,351	--- Gakwar-Mohana
28,088	--- Jabalpur-Ratnot

It seems probable however that the construction of the Rattal line to which the Government are committed, will put the construction of a metre gauge line to Tranchur quite out of the question. The only alteration would appear to be a cheap steam tramway on the S-B gauge. This would necessitate special rolling stock from England. The cost inclusive of rolling stock would probably be not more than Rs. 20,000 a mile, and in this case the existing road could be utilized. This would increase the length from 15 to 18 miles. Total estimated cost Rs. 3,60,000.

The following results taken from the statistics of Indian Railways may be of assistance to the Local and Municipal Department in connection with the Mayavaram-Tranchur Railway:-

Special gauge Rails.

Name	Length miles	Cost per mile	Percentage on capital cost		
			Gross earnings	Working expenses	Net earnings.
Jorhat 2'	26	27,997	8.91	7.06	1.85
Darjeeling Himalayan 2'	51	60,144	20.68	11.46	9.22
Guikwar Dabhoi 2 1/2'	72	25,500	13.81	6.55	7.26
Cooch Behar 2 1/2'	22	28,695	0.69	1.31	-0.62
Morvi 2 1/2'	94	22,613	15.19	8.33	6.86

The average of these gives 99/ as the gross earnings per mile per week and a percentage of 55.26 of working expenses on gross earnings resulting in an average percentage of 6.77 per cent on the total capital cost but it must be remembered that the Darjeeling Himalayan Railway by reason of its favourable conditions should not be taken as a typical example.

F. Russell

Consulting Engineer for Railways.

Transferred to the local and municipal authorities in the
the opinion of the local and municipal authorities.

Joint Secretary to Government
P. W. D. Bellamy, Esq.

845.3
7056/55

[Faint, illegible handwritten text, likely bleed-through from the reverse side of the page.]

Revised Estimate for 1895-96 and Budget estimate for 1896-97 relating to the Railway Guarantee Fund Submitted to Government with reference to para 2 of G.O. No. 1300 L. mis. dated 24-7-95.

Particulars	Revised - estimate for 1895-96	Budget estimate for 1896-97	Remarks.
<u>Receipts.</u>			
Opening balance on 1 st April	55,000	19,750	
Cess on land at 3 pias - Railway Guarantee Fund according to collector's estimate	10,8310	10,8420	
Interest at $3\frac{1}{2}$ per cent on Govt securities (5,42,000 on 31-3-95 - 12,1,000 withdrawn in March last) 4,21,000 + Interest on 1,00,000 to be invested in 1895-96.	16,480	18,230	* Interest on 1,00,000 is calculated only for 6 months from October 1895.)
Profits of the Mayavaram Oruttupet Railway for 12 months from 1 st January to 31 st December based on the actuals (Rs 31,470) for 9 months ending 31-12-94. Vide G.O. No. 4043 21.5.95 Communicated in G.O. No. 1020 L. mis. dated 17-6-95.	41,960	41,960	
Total Receipts.	2,21,750	1,88,360	
<u>Expenditure.</u>			
Contribution to Provincial	89,000	"	① Vide G.O. No. 1443 12.2.95 recorded in G.O. No. 388 L. mis. dated 4-3-95.
Investment in Govt securities including Premium at 13 per cent	1,13,000	1,69,500	(a) Amount to be actually invested 1,00,000
Total expenditure	2,02,000	1,69,500	(b) do 1,50,000
Balance	19,750	18,860	

no. only half the actual. Paid nothing in 1896-97 as 1.26 = .63

M. S. S. S.
For President

Enclosure
In letter
From
The President
District Board
Tanjore
To
The Chief Secretary to
Government
L. & M. Dept.
Madras
Dated 12th September 1895

Disposal No. 571 of 95
D.B.

DESPATCHED
13 SEP. 95

Quinquennial Estimate
for 1895-96 and
Budget Estimate
for 1896-97 relating
to the Railway
Guarantee Fund
Tanjore District.

Local Fund Department.

Tanjore District Board Office.

Camp, Vallam 12th Sept 1895

Disposal No. 571 of 95
D.B.

DESPATCHED
LOCAL & MUNICIPAL DEPT.
13 SEP. 95

From

E. C. Rawson

ESQUIRE

SENT No. 26342

PRESIDENT DISTRICT BOARD,

TANJORE.

To

THE HONORABLE MR.

J. F. Price,
CHIEF SECRETARY TO GOVERNMENT,

LOCAL AND MUNICIPAL DEPARTMENT,

MADRAS.

Sir,

As directed in G.O. Nos
470 + 471 Z. dated 22nd June 1895,
Communicated in G.O. No. 1300 Z.
Miscellaneous, dated 24th July
1895, I have the honor to -
submit herewith the revised
estimate for 1895-96 and -
Budget estimate for 1896-97
relating to the Railway Guarantee
Fund in the Tanjore District.

I have the honor to be
Sir

Your most obedient servant.

Shankar

No. 581 R., 16TH SEPTEMBER 1895.

GOVERNMENT OF MADRAS.
PUBLIC WORKS DEPARTMENT.

Railway.

Read the following papers :—
Brief note on the Capital and Revenue Accounts, Māvaram-Muttupet Railway, for the half-year ended the 30th June 1895.

Note by the Consulting Engineer for Railways.

The following table shows the principal features of the working during the last three half-years :—

	First half of 1894.	Second half of 1894.	First half of 1895.
Mean mileage worked	MILES. 26·85	MILES. 53·99	MILES. 53·99
Gross earnings	RS. 48,550	RS. 1,14,910	RS. 1,17,481
Working expenses	29,412	71,106	69,114
Net earnings	19,138	43,804	48,367
Gross earnings per mean mile per week	69·55	81·86	83·69
Percentages of expenses to receipts	60·58	61·88	58·83
Train miles	NO. 35,117	NO. 61,042	NO. 66,041
Gross earnings per train mile	RS. 1·382	RS. 1·882	RS. 1·779
Passenger traffic (exclusive of troops and police) —	NO.	NO.	NO.
Numbers .. { First class	100	154	171
.. { Second „	2,543	5,675	5,501
.. { Third „	212,546	486,872	473,886
Total	215,189	492,701	479,558
Receipts .. { First class	RS. 101	RS. 161	RS. 233
.. { Second „	821	2,046	1,826
.. { Third „	34,609	83,133	78,646
Total	35,531	85,340	80,704
Goods traffic (exclusive of railway materials, mili- tary stores, coal and revenue stores) —	NO.	NO.	NO.
Tons lifted	7,724	23,834	21,084
Ton miles	205,383	629,159	606,631
Receipts	RS. 8,550	RS. 25,325	RS. 25,981

2. No useful comparison can be made with the corresponding period of 1894 as the line was opened for traffic only on the 2nd April 1894, but it will be noticed that the “gross earnings per mean mile per week” are slightly in excess of those of the second half of 1894.

3. The net earnings for the half-year amounted to Rs. 48,367 giving a return of 4·00 per cent. per annum on the capital outlay.

(Signed) F. D. FOWLER,
for Consulting Engineer for Railways.

No. 581 R., 16TH SEPTEMBER 1895.

ORDER—No. 581 R., dated 16th September 1895.

Ordered that four copies of the Capital and Revenue Accounts, Mávavaram-Muttupet Railway, for the half-year ended the 30th June 1895, together with brief note thereon by the Consulting Engineer for Railways, be forwarded to the Government of India and to the Secretary of State.

[Here enter No. 582 R., dated 16th September 1895.]

(True Extract.)

J. P. M. W.

Under Secy. to Govt., P.W.D.,
Railway Branch.

To the Agent, South Indian Railway.
" Examiner, Railway Accounts, Madras.
" Accountant-General.
" Financial Department.

Hxd. T. K. Narayana Aiyangar.
Spare Copies

CURRENT No. 2573

RAILWAY.

Govt. of {1895} Madras.

PUBLIC WORKS.

Dated September, 16th.

Recd. 11/10/95

Encl. "

G.O. No. 581 R., 16th Sept. 1895.

11 OCT. 1895

SEPTEMBER.

Capital and Revenue Accounts,
Mayavaram-Muttupet
Railway

Ordered that copies of the— for the half-year ended the 30th June 1895, with note thereon by the Consulting Engineer for Railways, be forwarded to the Government of India and the Secretary of State.

No. 846 FINANCIAL, 29 OCTOBER 1895.

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2. The fund will have a credit balance of about 8½ lakhs at the end of 1897-98.
3. The Public Works Department will be requested to intimate any further alterations that may be necessary in the statement with reference to the final estimates of Provincial outlay in 1895-96 and 1896-97.

(True Extract.)

Chief Secretary.

To the Local and Municipal Department.

" Accountant-General.

" Public Works Department (Railway Branch).

Eid. S. J. Pereira.

APPENDIX.

STATEMENT showing the financial position of the Railway Guarantee Fund in the Tanjore District (in lakhs of Rupees).

Year.	Revenue Account.										Capital Account.										
	Receipts.			Total.			Expenditure.				Closing balance (Cols. 10 and 14).			Capital Account.							
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
	Opening balance—Revenue and Capital Accounts.		Opening balance.	Land-cess.	Interest.	Net receipts from the railway line opened.	Receipts from sale of Government Securities.	Premium on sale of Gov. ernment Securities.		Total.	Total of columns 3 and 9.	Contributions to Provincial for the Railway.	Purchase of Government Securities.	Premium on purchase of Government Securities.	Total.	Closing balance.	Government Securities purchased.	Total.	Government Securities sold.	Closing balance.	Closing balance—Revenue and Capital Accounts (Cols. 15 and 20).
1891-92	10.37	2.85	.93	.38	..	..	1.00	.05	2.37	4.72	1.43	2.30	..	2.13	.78	8.02	..	10.32	1.00	9.32	10.37
1892-93	10.10	.78	.99	.37	..	..	.70	.04	2.10	2.38	2.13	..	..	2.13	.75	9.32	..	9.32	.70	8.62	9.37
1893-94	9.87	.75	.89	.28	..	..	3.20	.20	4.57	5.32	4.59	..	..	4.59	.73	8.62	..	8.62	.42	8.20	8.62
1894-95	6.15	.73	1.13	.24	..	..	1.21	.07	8.02	3.75	3.20	..	..	3.20	.55	5.42	..	5.42	1.21	4.21	5.42
1895-96	4.76	.56	1.08	.17	..	..	..	..	1.73	2.28	(a) .63	1.00	..	1.76	.52	4.21	1.00	5.21	..	4.21	5.21
1896-97	5.73	.52	1.08	.18	..	..	..	..	1.75	2.27	(b) .42	1.50	..	2.12	.15	5.21	1.50	6.71	..	5.21	6.71
1897-98	6.86	.15	1.08	.23	(c) .49	..	..	..	1.80	1.95	(d) .20	1.25	..	1.61	.34	6.71	1.25	7.96	..	6.71	7.96

(e) Outlay of 1894-95, viz., 1.26 (G.O., No. 256, Financial, dated 6th September 1895, page 7).

(f) Total outlay on the Mayavaram-Muttupet Railway up to the end of 1894-95
Additional amount now sanctioned (G.O., No. 433 R., dated 31st July 1895) Half cost payable by Local funds
Deduct amount paid up to end of 1895-96 Balance payable { In 1895-96, 42
" 1896-97, 20 }

6/7/95

7/8/95

(g) In his estimate the President, District Board, made no provision for payment of half the Provincial outlay in 1895-96, and 1896-97.

(h) The net earnings in the first half of 1895 amounted to 48 lakh (G.O., No. 581 R., dated 10th September 1895).

LAKHS.

23-99

1-22

25-21

12-60

11-98

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Gobt. of {1895} Madras.
FINANCIAL.

Railway Guarantee
Fund, Tanjore.

Issued

Recd.

Encls

G.O., No. , October 1895.

OCTOBER.

Railway Guarantee Fund.

Recording preliminary statement showing the financial position of the — in the Tanjore district.