

Public Works (1893) Department.

RAILWAY BRANCH.

G.O., No. 859B

DATED 13th May

[Despatch Abstract.]

Tirunelveli Station, South Indian Railway.—Letter from the Govt of India sanctioning the revised estimate of Rupees 90,052 for enlarging the—, and approving of the proposed infringement of standard dimensions in the case of spacing of tracks on the north side of the station yard, communicated to the Consulting Engineer for Railways.

BACK PAPERS.

[illegible]

FURTHER PAPERS.

[illegible]

13TH MAY 1893, No. 859 R., PUBLIC WORKS.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

Railway.

Read again the following papers:—

G O., dated 24th January 1893, Nos. 177-78 R., Public Works.

Read the following paper :—

From the Under Secretary to the Government of India, Public Works Department (Railway Construction), to the Joint Secretary to the Government of Madras, Public Works Department, Railway Branch, dated Calcutta, 16th December 1892, No. 1385 K.C.

I am directed to acknowledge the receipt of your letter No. 2841 R., dated 24th November 1892, requesting sanction to the revised estimate, amounting to Rs. 90,052, chargeable in the proportion of Rs. 84,443 to capital and Rs. 5,609 to revenue for enlarging the Tiruválúr station, South Indian Railway, on account of the junction with the Májavaram-Muttupet Railway.

2. In reply, I am directed to state that, before according sanction to the revised estimate, the Government of India will await the receipt of the usual sanction of the Board of Directors of the South Indian Railway Company which does not appear to have been obtained either to the original or the revised estimate.

No. 5450 C.

Referred to the Consulting Engineer for Railways in view to the sanction of the Board of Directors, South Indian Railway, being obtained to the estimates.

22nd December 1892.

(Signed) F. B. WALKER,
Offg. Joint Secy. to Govt., P.W.D.,
Railway Branch.

* Letter from the Agent, South Indian Railway, dated Trichinopoly, 2nd January 1893, No. 5.

No. 6.

Endorsement by the Consulting Engineer for Railways, dated Madras, 10th January 1893.

Submitted for transmission to the Government of India, with reference to its No. 1385 R.C., dated 16th December 1892, embodied in Public Works docket No. 5450 C. of the 22nd ultimo (herewith returned).

2. The sanction of the South Indian Railway Board to the revised estimate for the Tiruválúr junction, arrangements will be communicated immediately on its receipt.

Order—dated 24th January 1893, No. 177 R., Public Works.

Ordered that the Government of India be informed accordingly.

(True Extract.)

(Signed) W. V. CONSTABLE, Major, R.E.,
Offg. Under Secy. to Govt., P.W.D.,
Railway Branch.

Letter—from the Officiating Joint Secretary to the Government of Madras, Public Works Department, Railway Branch; to the Secretary to the Government of India, Public Works Department, dated 24th January 1893, No. 178 R.

I am directed to acknowledge the receipt of your letter No. 1385 R.C., dated 16th December 1892, stating that before according sanction to the revised estimate, amounting to Rs. 90,052, for enlarging the Tiruválúr station on the South Indian Railway, the Government of India will await the receipt of the usual sanction of the Board of Directors of the South Indian Railway Company, which does not appear to have been obtained either to the original or the revised estimate.

2. In reply, I am directed to forward extract from letter No. 3, dated 16th January 1891, from the Managing Director, in which the sanction of the Board of Directors was communicated to the original plan and estimate, and to state that their sanction to the revised estimate will be communicated immediately on its receipt.

ENCLOSURE.

EXTRACT of Board's letter, No. 3, dated 16th January 1891, to the Agent, South Indian Railway.

[Tiruválúr Junction station arrangements.]

With your letter No. 843, dated 3rd December 1890, you forwarded a tracing showing the alterations and additions proposed to be made at this station to accommodate the traffic of the Máyavaram-Muttupet Railway along with an estimate of the cost of these works, amounting to Rs. 72,664.

2. These papers, along with the copy of correspondence on the subject, which was enclosed with your letter, were referred to the Consulting Engineer, and I now send you, for communication to the Chief Engineer, a copy of Sir George Bruce's report, dated 6th January 1891.

3. The general plan of the proposed junction station he considers to be good, and he recommends its adoption, subject to such detailed modifications as in the light of the present correspondence, the Chief Engineer may, with the approval of the Government, think well to carry out.

4. The estimate, he is of opinion, is a fair one, and on his recommendation the Board sanctions the same on the assumption that the whole of the works proposed to be carried out will be within the Company's boundary.

G.O., dated 7th April 1893, Nos. 674-75 R., Public Works.

Read the following paper:—

From the Agent, South Indian Railway, dated Trichinopoly, 25th March 1893, No. 415.

No. 170.

Endorsement by the Consulting Engineer for Railways, dated Madras, 27th March 1893.

Submitted for transmission to the Government of India, in continuation of paragraph 2 of this office endorsement No. 6, dated 10th January 1893, embodied in the Proceedings of Government, No. 177 R. of the 24th idem.

Order—dated 7th April 1893, No. 674 R., Public Works.

Ordered that the Government of India be informed accordingly.

(Signed) F. R. UPCOTT,
Joint Secretary to Govt., P.W.D.,
Railway Branch.

Letter—from the Joint Secretary to the Government of Madras, Public Works Department, Railway Branch, to the Secretary to the Government of India, Public Works Department, dated 7th April 1893, No. 675 R.

In continuation of my letter No. 178 R., dated 24th January 1893, I am directed to report, for the information of the Government of India, that the Board of Directors of the South Indian Railway Company have communicated their approval to the revised design and estimate, amounting to Rs. 90,052, for enlarging the Tiruválúr junction station.

Read also the following paper:—

From the Under Secretary to the Government of India, Public Works Department (Railway Construction), to the Joint Secretary to the Government of Madras, Public Works Department, Railway Branch, dated Simla, 2nd May 1893, No. 429, R.C.

I am directed to acknowledge the receipt of your letter No. 675 R., dated 7th April 1893, and in reply to communicate the sanction of the Government of India to the revised estimate, amounting to Rs. 90,052, chargeable in the proportion of Rs. 84,443 to Capital and Rs. 5,609 to Revenue, of the cost of enlarging Tiruválúr station, South Indian Railway, in consequence of the junction with the Máyavaram-Muttupet Railway.

2. The Government of India also approve of the proposed infringement of standard dimensions in the case of the spacing of tracks on the north side of the station yard.

3. The sanction accorded in paragraph 1, which is in supersession of that conveyed in letter No. 137 R.C., dated 9th February 1891, has been registered as No. 4, South Indian Railway, of 1893.

ORDER—dated 13th May 1893, No. 859 R., Public Works.

Communicated to the Consulting Engineer for Railways with reference to Proceedings, No. 2840 R., dated 24th November 1892.

2. This sanction has been registered as No. 3 R. of 1893-94 and is in supersession of the sanction registered in G.O., No. 478 R., of 21st February 1891, as No. 26 R. of 1890-91.

(True Extract.)

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

To the Consulting Engineer for Railways.
„ Examiner, Guaranteed Railway Accounts.

Exd. A. Grubert.
Spare Copies

RAILWAY.

Gobt. of {1893} Madras.
PUBLIC WORKS.

Dated May, 13th.

Recd.

Encl.

G.O., 13th May 1893, No. 859 R.

MAY.

Tiruvalur Station, South Indian
Railway

Letter from the Government of India sanctioning the revised estimate of Rupees 90,052 for enlarging the —, and approving of the proposed infringement of standard dimensions in the case of spacing of tracks on the north side of the station yard, communicated to the Consulting Engineer for Railways.

All communication
should be addressed to
the Secretary.

No. 1385 R. C.

GOVERNMENT OF INDIA.

PUBLIC WORKS DEPARTMENT.
RAILWAY Construction.

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

Calcutta The 16th December 1892.

Sir,

I am directed to acknowledge the receipt of your letter No. 2841 R. dated 24th November 1892, requesting sanction to the revised estimate amounting to Rs. 90,052/- chargeable in the proportion of Rs. 84,443/- to capital and Rs. 5609/- to Revenue for enlarging the Tiruvalur Station South Indian railway on account of the junction with the Mayavaram-Mutpet railway.

2. In reply I am directed to state that before according sanction to the revised

REGISTERED
1963

Your most obedient servant.

Under Secretary.

Nil.

Referred to the Consulting Engineer for Railways in view to the sanction of the Board of Directors S. I. Railway being obtained to the estimates.

27/12/92

7-11-19
1911

71 B. W. Allen

Mr. J. S. Lee, to Ent, D. W. D. R. 1871.

Government of Madras.

1892

P. W. DEPARTMENT.

CURRENT No. 12615

From Govt of India

ENCLOS.—

No. 1385 RC

Dated 16-12-92

Received 21-1-93

SUBJECT.

Simvalur Station, South Indian Railway — Stating that before according sanction to the revised estimate for enlarging the — the Govt of India will await receipt of the usual sanction of the Board of Directors of the S.I. Ry.

DISPOSAL.

No. 5450C dated 22nd December 1892

Referred to the Consy. Engineer for Ry in view to the sanction of the Board of Directors S.I. Ry being obtained to the estimates.

12/12/92 J.B.W.
OP

No. 5

South Indian Railway Co., Ltd.,

AGENT'S OFFICE,

TRICHINOPOLY, 2nd January 1893.

From

The Agent,

SOUTH INDIAN RAILWAY.

To

The CONSULTING ENGINEER FOR RAILWAYS,

MADRAS.

Sir,

In reply to your letter N^o 1647 dated 27th ultimo I have the honor to inform you that I have, in my letter N^o 178 of 28th ultimo, asked the Managing Director to obtain the sanction of the Board of Directors to the adoption of the revised design for the arrangements at Simvalur junction and to the increased expenditure contemplated.

With reference to the concluding portion of Government of India letter N^o 1385 R.C. of 16th ultimo, I have to point out that the sanction of the Board of Directors was obtained to the original plan and estimate vide letter N^o 3 dated 16th January 1891 from the Managing Director.

I have the honor to be

Sir

Your most obedient servant
J. H. Leveson
for Agent

18

14/1/83

Dated } 21/1/83
Received }
No. 5
ENCLOSURE.

From
THE AGENT,
South Indian Railway,
Trichinopoly.
To
THE CONSULTING ENGINEER FOR
RAILWAYS,
Madras.

Form No. 2.

PUBLIC WORKS DEPARTMENT.

OFFICE OF CONSULTING ENGINEER FOR RAILWAYS,

Madras, 10th January 1893.

Encl. Letter from the Agent, South
Indian Railway, No. 5, dated
2nd January 1893.

No. 6 3

Encl. Letter from the Agent, South Indian Railway, No. 5, dated 2nd January 1893.

SUBMITTED. for transmission to the Government of
India, with reference to
its No. 1385 R.C., dated
16th December 1892, embodied in P. W. Docket
No. 5450 C of the 22nd ultimo (herewith returned).

Encl.

2. The sanction of the
South Indian Railway
Board to the revised
estimate for the Tiruvallur
Junction.

Instruction arrangements
will be communicated
immediately on its
receipt.

Re: Tomlin
Lieut. Col.

for offg: Comdg: Insp: for Bys.

R.

From

THE CONSULTING ENGINEER

FOR RAILWAYS,

Madras,

No. 6

Dated 10th } January 1892.
Received 10th }

No. of ENCLOSURES.

B
No 177 R d / 24.1.93
Subject.

Submitting, for the information of the Govt. of India, the report from the Agent, S. S. Ry., that sanction of the Board of Directors to the revised plan & estimate for the Tiruvalur Junction arrangements has been applied for by him, & that the original plan & estimate were duly sanctioned by them.

No 2840-IR d / 24-11-92

By
The Consulting Engineer
Sd/- E. S. Ry. Secy 1 &
24/1/93

B
No 177 R d / 24.1.93
Ordered that
the Government of India
be informed accordingly.

M¹⁶
D. R.

5A
Extract of Board's letter No. 3 dated 16th January 1891 to the Agent South Indian Railway.

Tiruvalur Junction Station Arrangements.

With your letter No. 843 dated 3rd December 1890, you forwarded a tracing showing the alterations and additions proposed to be made at this station to accommodate the traffic of the Mayavaram-Mutpet Railway, along with an estimate of the cost of these works, amounting to Rs. 72,664.

These papers, along with the copy of correspondence on the subject which was inclosed with your letter, were referred to the Consulting Engineer and I now send you for communication to the Chief Engineer a copy of Sir George Bruce's Report dated 6th January 1891.

The general plan of the proposed junction station he considers to be good, and he recommends its adoption, subject to such detailed modifications as in the

light of the present correspondence the Chief Engineer may with the approval of the Government, think well to carry out.

The estimate, he is of opinion is a fair one and on his recommendation the Board sanctions the same on the assumption that the whole of the works proposed to be carried out will be within the company's boundary.

Print

No. 178 B

Government of Madras.

PUBLIC WORKS DEPARTMENT,
RAILWAY BRANCH.

To

THE SECY. TO THE GOVT. OF INDIA,

P. W. DEPARTMENT.

24th January 1893.

SIR,

to Secy
18/Jan

I am directed to acknowledge the receipt of your letter No: 1385 R.C. dated 16th December 1892, stating that before according sanction to the proposed estimate amounting to Rs 90,052 for enlarging the Tiruvallur station on the South Indian Railway the Government of India will await the receipt of the usual sanction of the Board of Directors of the South Indian Railway Company which does not appear to have

have been obtained either
to the original or the revised
estimate.

2. In reply I am directed
to forward extract from letter
No. 3 dated 16 January 1891
from the Managing Director
in which the sanction of
the Board of Directors was
communicated to the original
plan and estimate and to
state that this sanction to
the revised estimate will be
communicated immediately
on its receipt.

24/1/93
D.R.

No. 144. 73 R 24 Jan 1893

Jan. 17/1 R 1893

J.C. 26/1 93

No. 415

South Indian Railway Co., Ltd.,
AGENT'S OFFICE,
TRICHINOPOLY, 25 March 1893.

From
The Agent,
SOUTH INDIAN RAILWAY,
To
The CONSULTING ENGINEER FOR RAILWAYS,
MADRAS.

Sir,

Adverting to your letter of 27 December, 1892 and to G.O. No. 174 R of 24 January, 1893 I have the honor to inform you that in his letter No. 90 dated 3rd instant the Managing Director of this Company has communicated to me the approval of the Board of Directors to the altered design and their sanction to the estimate of Rs 90,052, for enlarging the arrangements at Tiruvallur Junction Station.

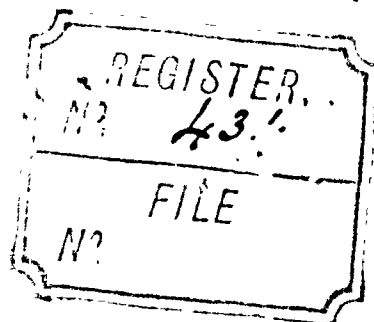
I have the honor to be,

Sir,

Your most obedient servant,
J. A. S. Meunier
Agent

Paken 27/3

60



Form No. 2.

PUBLIC WORKS DEPARTMENT.

OFFICE OF CONSULTING ENGINEER FOR RAILWAYS,

Madras. 27th March 1893.

Encl
Letter from the Agent, South
Indian Railway, N^o 415, dated 25th
March 1893.

No. 170

Endorsed by the Comr. Engrs for Railways, dated 27th March 1893.

SUBMITTED

Encl
for transmission to the Government of
India, in continuation
of para 2 of this office
Endorsement N^o 6, dated
10 January 1893, embodied
in the Proceedings of
Government N^o 177R,
of the 24th idem.

J. Russell
Instructed
Comptroller Genl.
R.P.

Dated 25th March 1893
Received

No. 1415
ENCLOSURE.

From
The Agent,
South Indian Railway,
Tiruchopoly,
To
The Consulting Engineer for
Railways,
Madras.

P. W. CURRENT No. 2974

FORM NO. 2.

From

THE CONSULTING ENGINEER

FOR RAILWAYS,

Madras,

No. 170.

Dated 27th March 1893.
Received 28th

No. of ENCLOSURES.

Subject.

Submitting, for transmission to the Government of India, the report from the Agent; S. S. R. that sanction of the Company's Board to the revised estimate for enlarging the arrangements at Tiruvallur Junction Station, has now been received.

B. No. 674.R of 7-4-93.
Ordered that
the Government of India
be informed accordingly

Mr
3/3 R

The Consulting Engineer
Sd/- S. S. R.
8/4/93

No.

675 R.

Government of Madras.

PUBLIC WORKS DEPARTMENT,
RAILWAY BRANCH.

To

THE Secretary to Govt. of India

P. W. Dept.

7th April 1893.

SIR,

In continuation of my letter No. 178 R, dated 24th January 1893, I am directed to report, for the information of the Govt. of India, that the Board of Directors of the Indian Railway Company, have communicated their approval to the revised design & estimate amounting to Rs. 90,032 for enlarging the Tiruvallur Junction Station.

Mr
3/4

Mr
3/3 R

No.429. R.C.

GOVERNMENT OF INDIA.

PUBLIC WORKS DEPARTMENT.

RAILWAY Construction.

To

The Joint Secretary to the Government of Madras,

Public Works Department, Railway Branch.

Simla, 2nd May 1893.

Sir,

I am directed to acknowledge the receipt of your letter No.675 R.C. dated 7th April 1893, and in reply to communicate the sanction of the Government of India to the revised estimate amounting to Rs.90,002, chargeable in the proportion of Rs.84,443 to capital and Rs.5,609 to revenue, of the cost of enlarging Tiruvalur Station, South Indian Railway, in consequence of the junction with the Mayavaram-Mutuet Railway.

2. The Government of India also approve of the proposed infringement of standard dimensions in the case of the spacing of tracks on the north side of the station yard.

3. The sanction accorded in paragraph 1, which is in supersession of that conveyed in Letter No.137 R.C. dated 9th February 1891, has been registered as No.4 South Indian Railway of 1893.

I have the honour to be,

Sir,

Your most obedient servant,

J. B. Bennett

Under Secretary.

J.B.

All communications
should be addressed to
the Secretary.

B
No: 674-5 R of 7-4-93

B
No: 674-5 R of 7-4-93

9/5

P. W. CURRENT No. 4311

478 R 21.2.91
no 2840 R 24.11.92
- 177, 8 R 24.1.90
- 674-75 R 7.4.90

Acc. 9.5.93

R
11/5

9/5 10/5
12/5 R 13/5

No. 859 R 13 May 93.

PUBLIC WORKS DEPARTMENT.
RAILWAY BRANCH.

PROCEEDINGS OF THE MADRAS GOVERNMENT.

again
READ the following

Prop. of the Madras H.E. no. 177-78 R 24 May 93
Govt. P. W. Depto: -

Do. Do. Do. 674-75 R 7 April 93

Read also

Letter from the Govt of India P. W. Depto: -
H.E. no. 429 R.C. 2 May 93

Communicated.

to the Consulting Engineer
for Railways with reference
to Prop. no. 2840 R, dated

11/5
24 November 1892..

2. This sanction has
been registered as no 3 R
of 1893-94 + is an interference
of the sanction registered

to the Comptroller for Rys
- Exam. by Accs
H.E. no. 478 R 21 Feb 93
1891, as no. 26 R of 1890-91.

7/11/93
11/5 R

GOVERNMENT OF MADRAS.
PUBLIC WORKS DEPARTMENT.

Railway.

Read the following paper :—

From the Agent, South Indian Railway, to the Consulting Engineer for Railways, dated Trichinopoly, 2nd September 1892, No. 1292.

With reference to G.O., No. 478 R. of 21st February 1891, and to the correspondence ending with your letter No. 833 of the 12th June 1891, I have the honour to forward herewith, for the sanction of Government, duplicate ferrotype copies of plan No. 241/91 together with a second revised estimate (also in duplicate) No. 1399, amounting to Rs. 90,052, for enlarging the Tiruválúr junction station on account of the junction with the Májavaram-Mutupet Railway.

The amount is allocated in the proportion of Rs. 84,443 to Capital and Rs. 5,609 to Revenue.

The increase in this second revised estimate over the sanctioned estimate is explained in the comparative statement accompanying the above mentioned estimates.

The Traffic Manager and Locomotive Superintendent of this Company have both approved of the proposed arrangements.

EXTRACT from letter from the Agent, South Indian Railway, to the Consulting Engineer for Railways, dated 18th November 1892, No. 1727.

With reference to your letter No. 1428 of the 10th instant, I have the honour to re-transmit, herewith, the tracings therewith returned and about the differences which exist between the dimensions as now shown therein and the latest standard I have to offer the following explanations given by the Acting Chief Engineer :—

“*Tiruválúr station—Section on line AB.*—The space between the platform line to right of the island platform was fixed according to the dimensions in force when construction was started, and, as the ash-pit was built when the new dimensions were issued, no alteration was made. The tracing now returned bears a note stating that ‘*in construction these sidings will be set out centre to centre according to the latest standard dimensions.*’ These dimensions have now been corrected accordingly.”

COMPARATIVE statement showing the difference between the original estimate (sanctioned) and revised estimate for enlarging the station to provide increased accommodation in connection with the junction of Májavaram-Mutupet Railway at Tiruválúr station.

Final head of account.	Description of work.	As per original sanctioned estimate.	As per revised estimate.	DIFFERENCE.		Remarks.
				Increase.	Decrease.	
		RS.	RS.	RS.	RS.	
II.	Land— Additional land required for station purposes.	..	1,224	1,224	..	Required for borrow pits for widening bank. This was not provided for in the original estimate.
III.	Formation— 1. Earthwork	4,348	5,516	1,168	..	Increase in quantities on account of widening bank and for goods approach road at north side and also increase of rates.
IV.	Bridgework— 2. Minor bridges and culverts— Extending existing 1-6 feet culvert.	1,769	2,920	1,151	..	This includes extension on the north side for widening goods approach road.

A
No 859 R 3 13 May 93.

Comparative statement showing the difference, &c.—cont.

Final head of account.	Description of work.	As per original sanctioned estimate.	As per revised estimate.	DIFFERENCE.		Remarks.
				Increase.	Decrease.	
V.	Fencing, &c.—	Rs.	Rs.	Rs.	Rs.	
	1. Fencing	216	216	..	..	
	2. Road crossings	885	878	..	7	
VII.	Ballast and permanent-way—					
	1. Ballast	5,434	9,610	4,176	..	Increase in quantities and rates, the latter owing to cost of transport from Tanjore not having been provided for.
	2. Permanent-way	11,795	11,452	1,657	..	Increase in quantities, a greater length of siding being provided for goods.
VIII.	Stations and buildings—					
	1. Stations and offices—					
	Third class waiting shed with old rail pillars and corrugated iron roof 25' X 37' at east end of station house.	..	1,518	1,518	..	Not provided for in the original estimate.
	Urinals at west end of Island platform.	366	372	6	..	
	Urinals at east end of Island platform.	606	582	..	24	
	Island of platform and extension of original platform.	5,337	4,937	..	400	Decrease in the rate of graveling.
	Covered way 229 feet long by 26 feet wide with old rail uprights and corrugated iron sheets.	8,487	7,395	..	1,092	The original estimate provides for 300 feet of covered way and the revised for 229 feet, this being the actual length of the roofing supplied from England.
	Over bridge for passengers.	4,369	4,464	95	..	
	Approaches	..	1,572	1,572	..	
	3. Staff quarters—					
	Permanent-way Inspector's bungalow.	..	3,567	3,567	..	No provision made in the original estimate.
	Cook house	..	916	916	..	
	Latrine	..	273	273	..	
	4. Station machinery—					
	Water tank supported by 68 lb. rail upright.	1,616	1,997	381	..	The credit allowed for old tank was too much in the original estimate.
	Closing the existing locomotive well and re-sinking well 20 feet diameter.	2,164	2,993	829	..	Rate for sinking well is increased from Rs. 30 to 60 per foot
	Sun-shade over pump	220	110	..	110	Decrease in quantity.
	Demolishing existing ash-pit and water column and re-building the same at west end.	5,166	4,080	..	1,086	Saving in quantity of masonry owing to revised design.
	Do. do. east end.	..	..	..	..	
	Forty-two feet do. engine turn-table.	6,069	6,929	860	..	Increase in rate and quantity as the table is to be erected in the bed of a channel.
	Tank machinery	5,122	4,523	..	599	Original estimate provides for 9 inches piping, the revised 8 inches. Additional one on Mayavaram side.
	Signals	922	1,118	196	..	
	Points and crossings	3,885	8,890	5,005	..	Increase in number of points and crossings.
	Total	68,876	90,052	24,484	3,308	
	Difference of increase in favour of the revised.	..	..	21,176	..	

No. 835.

Endorsement by the Consulting Engineer for Railways, dated Madras, 22nd Nov. 1892.

Submitted to Government for the sanction of the Government of India.

2. The Agent, South Indian Railway, submits, for the sanction of Government, a revised estimate, amounting to Rs. 90,052, chargeable between Capital and Revenue in the proportion of Rs. 84,443 and Rs. 5,609, respectively, for enlarging Tiruválur station on account of the junction with the Mayavaram-Mutupet Railway. The former estimate sanctioned by the Government of India in letter No. 137 R.C., dated 9th February 1891, embodied in G.O., No. 478 R., dated 21st February 1891, amounted to Rs. 68,876, so that the excess of revised estimate amounts to Rs. 21,176.

3. The details regarding the increased expenditure are given in the comparative statement furnished by the Chief Engineer who also explains the reason for the excesses. The principal items calling for remark are the heavy increases under formation, ballast, permanent-way and points and crossings, amounting to Rs. 12,006, and the extra outlay on land, third-class waiting shed, approaches to overbridge and Permanent-way Inspector's bungalow, and out-houses, amounting to Rs. 9,070, which were not provided for in the original estimate. The length of permanent-way has been increased owing to additional cross-over roads having been extended to and connected platform and the dead end line on the north having been extended to and connected at the west points. To these causes and to the extra expense involved in training ballast from Tanjore are principally due the excesses above referred to. The turn-table and siding have been removed from the north-west to the south-east end of the yard. The new standard dimensions will be infringed in the case of the spacing of tracks on the north side of the yard, which were designed to suit the old standard dimensions, and, as an ash-pit has already been built, it appears undesirable to make alterations now. Wherever possible as in the case of the lines to the south of the island platform, the dimensions of 1891 have been worked to. With respect to additional works they are in my opinion required and I recommend that the revised estimate now submitted be sanctioned.

4. It is to be noted that the whole cost of the works required for joint use is proposed to be borne by the South Indian Railway Company. This is in accordance with the usual practice of charging all joint works to the parent line and the question of the branch line sharing the interest on the capital involved can be subsequently arranged.

5. Sanction to the estimate will lapse 18 months after receipt. Expenditure to the extent of Rs. 8,121 was incurred during 1891-92 and funds, amounting to Rupees 53,042, the anticipated outlay during 1892-93, can be provided for under item 8, revised detailed statement of sanctioned works annexed to the capital budget for the current year. The revenue charges will be met from heads II, III and IV, abstract A, revenue budgets for 1891-92 and 1892-93.

ORDER—dated 24th November 1892, No. 2840 R., Public Works.

Ordered that the revised estimate, amounting to Rs. 90,052, for enlarging the Tiruválur station on account of the junction with the Mayavaram-Mutupet Railway, be forwarded for the sanction of the Government of India.

(Here enter No. 2841 R., Public Works, dated 24th November 1892.)

(True Extract.)

(Signed) F. B. WALKER,
Offg. Joint Secy. to Govt., P.W.D.,
Railway Branch.

To the Consulting Engineer for Railways.
" Examiner, Guaranteed Railway Accounts.

Exd. A. D. Xavier.
Spare Copies

RAILWAY.

Govt. of {1892} Madras.
PUBLIC WORKS.

Dated November, 24th.

Recd.

Encl.

G.O., 24th Nov. 1892, No. 2840 R..

NOVEMBER.

Tiruvalur Station

Revised estimate of Rs. 90,052 for enlarging the —, South Indian Railway, ordered to be forwarded to the Government of India for sanction.

24TH NOVEMBER 1892, No. 2841 R., PUBLIC WORKS.

PUBLIC WORKS DEPARTMENT.

Railway.

LETTER—from

F. B. WALKER, Esq.,

Offg. Joint Secretary to the Government of Madras,

Public Works Department,

Railway Branch,

To

THE SECRETARY TO THE GOVERNMENT OF INDIA,

PUBLIC WORKS DEPARTMENT.

SIR,

I am directed to forward, herewith, copy of Proceedings of this Government, No. 2840 R., dated 24th November 1892, and to request the sanction of the Government of India to the revised estimate submitted therewith, amounting to Rs. 90,052, chargeable in the proportion of Rs. 84,443 to Capital and Rs. 5,609 to Revenue, for enlarging the Tiruvalur station on account of the junction with the Mayavaram-Mutupet Railway.

2. The revised estimate exceeds the former estimate sanctioned by the Government of India in letter No. 137 R.C., dated 9th February 1891, by Rs. 21,176 and the details of the increased expenditure are given in the comparative statement attached to the estimate.

3. I am also to request sanction to the infringement of the new standard dimensions in the case of the spacing of tracks on the north side of the yard which were designed to suit the old standard dimensions. The reasons for such infringements are fully detailed in para. 2 of the Consulting Engineer's endorsement.

4. A plan of the proposed arrangements is also forwarded for the information of the Government of India.

I have the honour to be,

Sir,

Your most obedient servant,

(Signed) F. B. WALKER,

Offg. Joint Secy. to Govt., P.W.D.,

Railway Branch.

FORT ST. GEORGE,
24th November 1892.

Exd. A. D. Xavier.
Spare Copies

RAILWAY.
Govt. of {1892} Madras.
PUBLIC WORKS.

Dated November, 24th.

Recd.

Encl.

24th Nov. 1892, No. 2341 R.

NOVEMBER.

Tiruvallur Station

Forwarding, for sanction, a revised estimate of Rs. 90,052 for enlarging the —, South Indian Railway.

21ST FEBRUARY 1891, No. 478 R., PUBLIC WORKS.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

Railway.

Read again the following paper :—

G.O., dated 7th February 1891, No. 354 R., Public Works.

Read again the following paper :—

G.O., dated 26th January 1891, No. 264 R., Public Works.

Read the following paper :—

From the Consulting Engineer for Railways, dated Madras, 17th January 1891, No. 78.

From the Agent, South Indian Railway, to the Consulting Engineer for Railways, dated Trichinopoly, 22nd December 1890, No. 1885.

Referring to your letter No. 1459 of 6th December 1890 and telegram of 11th idem, I have the honor to forward, herewith, a revised general plan No. 40/89 B of the arrangements at Tiruvallur station, a revised design for the tank house No. 300/90, and an estimate, amounting to Rs. 68,876, for the execution of the work in accordance with the plan.

The Officiating Chief Engineer states :—

"In framing the revised estimate the following points commented on by the Consulting Engineer and communicated to me in your No. 18479/1617 of 21st November 1890 (No. 1348 of 19th November 1890) have been attended to :—

"(a) The position of the points leading to the engine turn-table have been altered.
"(b) The clearance of the water column from the adjacent tracks both in the original plan and in the one now submitted is not less than 7 feet.

"(c) The estimate provides for covering the roof on the island platform with corrugated iron, as it is found that the Calicut tiles will be more expensive and not so durable, seeing that in the latter roof teak purlins must necessarily be used. The corrugated iron roof over the buildings at Negapatam have now been in existence nearly 30 years and it is only now that we are replacing the original corrugated sheets with which they were covered. The roof will be drained on to the ballast instead of by a special tunnel.

"(d) Corrugated iron latrines have been provided for, as a comparative estimate compiled for a masonry one shows the latter to be more expensive. The latrine at the east end of the island platform is roofed in to prevent people overlooking it from the over-bridge. Provision is made for ample ventilation so as to avoid any disagreeable stench.

"(e) The tank will be supported on an old rail framing according to the design herewith submitted.

"(f) The covering over the over-bridge has been omitted."

Submitted to Government.

2. The accommodation provided in the plan is for a junction station, where considerable interchange of passenger traffic and also heavy local freight traffic to the temple is expected.

3. The plans and estimates, amounting to Rs. 68,876, have been considerably reduced from the original proposals and may, it is suggested, be submitted to the Government of India for sanction and an answer by wire might be asked for.

Order—dated 26th January 1891, No. 264 R., Public Works.

Ordered to be forwarded to the Government of India for favor of sanction being communicated by telegraph.

(Here enter No. 265 R., dated 26th January 1891.)

(True Extract.)

(Signed) T. GRACEY, Lieut.-Colonel, R.E.,
Offg. Joint Secy. to Govt., P.W.D.,
Railway Branch.

Endorsement—dated 26th January 1891, No. 265 R., Public Works.

Forwarded.

(By Order.)

(Signed) T. GRACEY, Lieut.-Colonel, R.E.,
Offg. Joint Secy. to Govt., P.W.D.,
Railway Branch.

Read also the following paper :—

Telegram from the Secretary to the Government of India, Public Works Department, to the Joint Secretary to the Government of Madras, Public Works Department, Railway Branch, dated Calcutta, 6th February 1891, No. C. 14.

Your letter numbered and dated as follows :—265 R., 26th ultimo. Government of India sanctions estimate amounting to Rs. 68,876 for junction arrangements at Tiruválúr station, South Indian Railway. Letter follows.

Order—dated 7th February 1891, No. 354 R., Public Works.

Communicated to the Consulting Engineer for Railways with reference to his endorsement No. 78, dated 17th January 1891.

(True Extract.)

(Signed) T. GRACEY, Lieut.-Colonel, R.E.,
Offg. Joint Secy. to Govt., P.W.D.,
Railway Branch.

Read also the following paper :—

From the Officiating Under-Secretary to the Government of India, Public Works Department (Railway Construction), to the Joint Secretary to the Government of Madras, Public Works Department, Railway Branch, dated Calcutta, 9th February 1891, No. 137 R.C.

In continuation of this office telegram of the 6th February 1891, repeated in the margin, I am directed to convey the formal sanction of the Government of India to the estimates, amounting to Rs. 68,876, received with your No. 265 R., dated the 26th January 1891, of the cost of the additional works required at Tiruválúr station, South Indian Railway, in consequence of the junction with the Máyavaram-Mutupet Railway.

2. This sanction, which is chargeable in the proportion of Rs. 61,897 to Capital and Rs. 6,979 to Revenue, has been registered as No. 1, South Indian Railway, of 1891.

ORDER—dated 21st February 1891, No. 478 R., Public Works.

Communicated to the Consulting Engineer for Railways in continuation of Proceedings, No. 354 R., dated 7th February 1891.

2. This sanction has been registered as No. $\frac{26}{B}$ R. of 1890-91.

(True Extract.)

(Signed) T. GRACEY, Lieut.-Colonel, R.E.,
Offg. Joint Secy. to Govt., P.W.D.,
Railway Branch.

To the Consulting Engineer for Railways.
" Examiner, Guaranteed Railway Accounts.

Exd. A. D. Xavier. ;
Spare Copies

RAILWAY.

Govt. of {1891} Madras.
PUBLIC WORKS.

Dated February, 21st.

Recd.

Encl.

G.O., 21st Feb. 1891, No. 478 R.

FEBRUARY.

Tiruvalur Station, South Indian
Railway

Sanction of the Government of India to the estimates for additional works required at — in consequence of the junction with the Mayavaram-Mutupet Railway, communicated to the Consulting Engineer for Railways.