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MADRAS RECORD OFFICE

Government of Madras

Public Works DEPARTMENT

G.O. No. 2624-25 Press Original
B.P.—No. —Mis.—

Dated 28-9- 1876
—195—.

Not to be folded or roughly handled

Proceedings of the Madras Government, Public Works Department,
28th September 1876. *No.* 2,624.

No. 536. Read the following letter from Lieutenant-Colonel J. H. M. SHAW-STEWART, R.E., Consulting Engineer for Railways, to Major-General G. W. WALKER, R.E., Secretary to Government, Public Works Department, dated Madras, 9th March 1876, No. 118 :—

In continuation of my letter, dated 4th January 1876, No. 4, (Proceedings of Government, dated 15th February 1876, No. 408,) I have the honor to submit, for the consideration of Government, the enclosed paper* showing approximately the expenditure required at Erode and Trichinopoly under the following conditions :—

* Letter from Agent, South Indian Railway, No. 1,321, dated 1st March 1876, with enclosure from the Chief Engineer.
4 Estimates.
5 Plans.

(1.) Supposing the line between Trichinopoly and Erode to be converted to the metre gauge.

(2.) Supposing this section to be maintained on the broad gauge, and to be worked by the South Indian Railway.

(3.) Supposing it to remain on the broad gauge and to be worked by the Madras Railway.

This information will probably be found of assistance to the Secretary of State in arriving at a final decision on this important question.

2. The amounts to be expended in providing extra station and siding accommodation under the three given conditions are estimated as follows :—

	Rs.
Condition No. 1	1,09,737
„ „ 2	1,55,561
„ „ 3	2,03,061

but for a comparison of the total amounts involved, the cost of the conversion of the line must be added to the first of these estimates. In the papers now submitted this is entered at Rupees 1,72,062, but an error has been made in not taking into account the value of the old material which is entered at Rupees 55,440 in the original estimate for the conversion. The balance will therefore be Rupees 1,16,622, but I am of opinion that the work can be done for a much smaller sum.

3. The estimate may be divided approximately as follows :—

	Rs.
Cost of shifting rails and altering girder bridges, supplying new baulks where necessary	34,374
Alteration of station platforms, &c.	5,085
Turn-table at Erode	6,915
Renewals of tie-bars and permanent-way fastenings after deducting the value of old material	70,248
	1,16,622

It is not understood why such a large sum is required for new tie-bars ; if these renewals are absolutely necessary, they would apparently form a charge against Revenue. The turn-table is again allowed in estimate No. 1, and may therefore be omitted in the cost of conversion. Taking these points into consideration, it appears to me that the conversion can be carried out for a sum of Rupees 60,000, which will bring the total under the first condition to Rupees 1,69,737.

4. The accommodation which the officers of the Company consider necessary under the different conditions is stated in the Chief Engineer's letter and shown on the accompanying plans. In some respects the proposed accommodation appears excessive ; but I am anxious that the views of the Company's Officers should be laid before Government without delay, and no time has therefore been lost in submitting these papers. It will be observed that in the event of the conversion not being undertaken, allowance has been made for a mixed gauge of heavy metals between the Trichinopoly Junction and Fort Stations, so that passengers may be transferred at both points. With this object it has already been found necessary to lay this third rail together with a broad gauge siding at the junction and to provide temporary transhipping arrangements at the Fort. An estimate for these works will be submitted for the sanction of Government in a few days. In the event of the break of gauge being finally fixed at Trichinopoly, a mixed gauge is also allowed for in the main line and principal sidings at the Fort.

From W. S. BETTS, Esq., Agent, South Indian Railway, to Lieutenant-Colonel J. H. M. SHAW-STEWART, R.E., Consulting Engineer for Railways, dated Negapatam, 1st March 1876, No. 1,321.

In compliance with the request contained in your letter, No. 134, of the 10th ultimo, I have had prepared and send herewith, plans and estimates showing the extra accommodation which would be required in the event of the alteration of gauge between Trichinopoly and Erode being still further delayed.

2. In doing so I must respectfully again urge upon Government the strongly expressed views of my Directors as conveyed in letter, No. 1,083, of the 22nd December last, viz., that the whole of the lines embraced in the Company's system should be uniformly of the narrow gauge, and that the conversion of the gauge between Trichinopoly and Erode should be at once carried out.

3. It is impossible to prevent delay in the transhipment of goods at Trichinopoly with the present limited amount of accommodation at that station, and I fear, if the public has to bear this inconvenience much longer, the result will be that a portion of the traffic will be driven from the railway to the road.

Letter from the Chief Engineer to the Agent, dated Trichinopoly, 22nd February 1876, No. 4,083.

Your No. 1,576-855.

Herewith I have the pleasure to enclose plans showing the alterations and additions which would be necessary to the stations at Erode and Trichinopoly, together with estimates showing approximately the cost of the same under each of the four following conditions :—

(*a.*) If the conversion of the Erode-Trichinopoly section is undertaken shortly.

(*b.*) If the conversion of the Erode-Trichinopoly section is postponed until the line between Madras and Tanjore shall have been opened.

(*c.*) If Trichinopoly is finally decided on as the point of the break of gauge, the line to be worked by the South Indian Railway.

(*d.*) If Trichinopoly is finally decided on as the point of the break of gauge, the line to be worked by the Madras Railway.

Under condition (*a*) the following arrangements have been provided for :—

At Erode Station.

A covered platform 300 feet × 20 feet for the transhipping of passengers.
A goods shed 150 feet × 40 feet with double platform for the transhipping of goods.
An engine shed with tank-house and tank machinery and an engine turn-table.

Proceedings of the Madras Government, Public Works Department,
28th September 1876. *No.* 2,624.

At Trichinopoly Junction Station.

A carriage shed 200 feet × 30 feet.

These works, together with the sidings to them, are exhibited on plans Nos. 1 and 2, and their cost (Rupees 1,09,737) is set forth in detail (*a*).

The alterations required in the Trichinopoly Fort Station have already been provided for in the estimate for the conversion of the line.

Under condition (*b*) the following arrangements have been provided for :—

At Trichinopoly Fort Station.

Extending transhipping platform 200 feet covering 300 feet of old platform.
Two new open platforms each 150 feet × 20 feet.

At Trichinopoly Junction Station.

A carriage shed 200 feet × 30 feet covering transhipping platform.

These works, together with the sidings to them, and also a narrow gauge line for taking wagons laden with coal from Negapatam right up to the coal shed, are exhibited on plans 3 and 4, and their cost (Rupees 1,55,561) is set forth in detail (*b*).

The estimate also provides for a mixed gauge of line of heavy material from the Fort Station to the Junction Station.

Under condition (*c*) the same arrangements have been provided for as those under condition (*b*); the drawings and estimates for the one serve therefore for the other.

Under condition (*d*) the same arrangements have been provided for as those under condition (*b*) with the addition of a goods shed and the necessary siding to it at the Trichinopoly Fort Station for the use of the Madras Railway Company.

The goods shed and sidings are exhibited on plan No. 5, and the cost (Rupees 2,03,061) is set forth in detail (*d*).

(True Copy.)

Negapatam, (Signed) W. S. BETTS,
1*st March* 1876. *Agent.*

No. 537. Order thereon, 28th September 1876, No. 2,624.

RAILWAY, No. 55.

Ordered that these papers be forwarded to the Government of India in continuation of previous correspondence.

~~The estimate for the work already undertaken at Trichinopoly to admit of passengers being transferred at the junction as well as at the Fort Station will be awaited.~~

(Here enter No. 2,625, dated 28th September 1876.)

(True Extract.)

Colonel,
Offg. Under Secy. to Govt., P.W.D.

To the Consulting Engineer for Railways.

Exd. A. Grubert.
Spare Copies

50

PUBLIC WORKS DEPARTMENT,
FORT ST. GEORGE, 28*th September* 1876.

No. 538.

No. 2,625.

FROM

MAJOR-GENERAL G. W. WALKER, R.E.,
Secretary to the Government of Madras,
Public Works Department,

To

THE SECRETARY TO THE GOVERNMENT OF INDIA,
Public Works Department.

RAILWAY, No. 56.

SIR,—With my letter, No. 409, dated 15th February 1876, was forwarded correspondence on the subject of the point where the break of gauge should occur on the line between Negapatam and Erode, with a view to the decision of the Home Government being obtained. I am now directed to submit the accompanying papers showing the approximate outlay which the Companies consider will be necessary under each of the conditions into which the case may be resolved. I am to request that the information given may be laid before the Secretary of State as early as practicable.

I have the honor to be,
Sir,
Your most obedient servant,

Colonel,
Offg. Under Secy. to Govt., P.W.D.,
for *Secretary to Government.*

Exd. A. Grubert.

Spare Copies

PUBLIC WORKS DEPARTMENT.

LIST of PAPERS sent in *Circulation* ~~*prior to*~~ *on the 18th March 1876.*

and not yet returned.

Department.	No.	Date.	Subject.	When sent out.
P. W. Dept.	1775	9th March 1876	Letter from the Consulting Engineer for Railways submitting papers showing approximately the expenditure required at Rhodes and Tickingstye Stations on the Mamo Railway.	

This paper forms a portion of a file which was returned yesterday by His Grace the Governor. It is requested that it may be sent back to enable the subject to be ~~A~~circulated to the Honorable R. S. Ellis C. B and the Honorable Sir W. Robinson K. C. S. I.

Fort St. George
28th March
1876

C. W. Walker Major Genl R.E.
Secretary to Govt. P.W.D

To The Private Secretary to
His Grace the Governor

Department.	No.	Date.	Subject.	When sent out.

PUBLIC WORKS DEPARTMENT.

***LIST of PAPERS** sent in Circulation ~~prior to~~ on the 16th March 1876.*

and not yet returned.

Department.	No.	Date.	Subject.	When sent out.
P.W.D.	118	9th March 1876	Letter from the Consulting Engineer for Railways submitting papers showing approximately the expenditure required at Erode and Trichinopoly under certain condition.	
			The undersigned requests that the papers above specified may be returned.	
			Major General A.E. Secretary to Government P.W.D.	
Ordered and 18th May 1876			His Grace the Governor Honorable R.S. Ellis C.B. Honorable Sir W. Robinson K.C.S.I.	

Department.	No.	Date.	Subject.	When sent out.

Extract from Circulation Book

List of papers circulated in the Pub: Works Depr on the 16th March 1876—

Chg	From whom	Date	Subject	Former correspondence	With draft or letter	When sent out	By whom returned.
	×		×	×			
1775 E-10	Consl Engrs for Rys		Submitting papers showing approximately the expenditure required at Crosse & Blackwood under certain conditions		Draft & letter to Govt dated 16-3-76	Govt	× Returned by H.E. the Governor 27/3/76 with the Chg—
× H.E. Chg to acknowledge receipt of Chg to His Grace the Governor Hon: R.S. Ellis C.S. " Sir W. Robinson K.C.S.I. 28-3-76			His Grace the Governor Hon: R.S. Ellis C.S. " Sir W. Robinson K.C.S.I.				

Extract from Circulation Book

List of papers circulated in the Pub: Works Depr on the 16th March 1876—

Chs	From whom	Date	Subject	Former correspondence	Whether Draft or Letter	When sent out	When returned
×				×			
× Plan	1775 E-10	Cond Rept for Rpt	Submitting papers Showing approximately the Expenditure required at Rose & Trichinopoly under certain conditions		Draft & Letter to Govt India	16-3-76	× Returned to Pub: Works Dept 27-3-76 with Chs

× Mr Chisholm's Memorandum upon the Report of Chs to His Grace the Governor
Hon: R. S. Ellis C.S.
" Sir W. Robinson K.C.S.I.
28-3-76.

His Grace the Governor
Hon: R. S. Ellis C.S.
" Sir W. Robinson K.C.S.I.

From Consulting Engineer's Office
Department. Madras 9th March 1876.

No. 118

From

Lieut. Col. J. H. M. Shaw Stewart, RE,
Consulting Engineer for Railways

To

Major General G. W. Walker, RE,
Secretary to Government
Public Works Department
Fort Saint George.

Sir,

In continuation of my letter dated 11th January 1876 No. 5[illegible] / Proceedings of Government dated 15th February 1876 No. 1081 I have the honour to submit for the consideration of Government the enclosed paper showing approximately the expenditure required at Erode and Trichinopoly under the following conditions;

Consulting Engineer's Office No. 1321, of March 9th 1876 enclosing Proceedings No. 1081 dated 15th February 1876.

conditions:

(1) Supposing the line between Trichinopoly and Erode to be converted to the metre-gauge.

(2) Supposing this section to be maintained on the broad gauge, and to be worked by the South Indian Railway.

(3) Supposing it to remain on the broad gauge and to be worked by the Madras Railway.

This information will probably be found of assistance to the Secretary of State in arriving at a final decision on

this important question.

2. The amounts to be expended in providing extra elevation and providing accommodation under the three given conditions are estimated as follows:

Condition No. 1		Rs 109737
"	2	155561
"	3	203061

But for a comparison of the total amounts involved, the cost of the conversion of the line must be added to the first of these estimates. In the papers now submitted this is entered at Rs 1,72,062, but an error has been made in not taking into account the value of the old material which

which is entered at Rs. 5,51,140 in the original estimate for the conversion. The balance will therefore be Rs. 1,16,622. But I am of opinion that the work can be done for a much smaller sum.

3. The estimate may be divided approximately as follows:

Cost of shifting rails and altering girder bridges supplying new baulks where necessary.	Rs 34,374
Alteration of Station platforms	5,085
Turntable at Erode.	6,915
Renewals of tie-bars and permanent way fastenings after deducting the value of old material	70,248
	Rs. 1,16,622.

It is not understood why such a large sum is required for new tie-bars; if these renewals are absolutely necessary they would apparently form a charge against Revenue. The turntable is again allowed in Estimate No. 1 and may therefore be omitted in the cost of conversion. Taking these points into consideration it appears to me that the conversion can be carried out for a sum of Rs. 60,000 which will bring the total under the first condition to Rs. 1,69,737.

4. The accommodation which the Officers of the Company consider necessary under the different conditions is stated in the Chief Engineer's

letter

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-tion

25th 1900

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of the break of gauge being
finally fixed at Trichino-
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main

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main line and principal sidings at the Port.

Shaw 96

Jas. J. H. M. Shaw Stewart, Lt-Col, R.E.,

Consulting Engr. for Railways.

Dr Beatty

dated 7th March 1876

Rec'd 11th do

Sc 118

Encls 10 - 1V

No 536

No 2624 Public Works Department.

PROCEEDINGS of the MADRAS GOVERNMENT.

UNDER date the 28 Sept 76

READ the following:-

From The Consulting Engineer for Railways, (No. No 118 of 9th March 76)

Ordered that these Papers be forwarded to the Government of India in continuation of previous Correspondence. The Estimate for the work already undertaken at Erichinopoly to admit of passengers being transferred at the junction as well as at the Fort Station will be awaited.

(No. 8. In 2625 of 28 Sept 76)

Cons. Engr. for Railways

To The Secretary to the

Dated 15/10/76

the Government of
India
Public Works Dept

Sir,

With my letter
No 409 dated 15th Feby
1876 I forwarded
Correspondence on the
subject of the point where
the break of gauge should
occur on the line
between Bezipatam
and Erode, with a view
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2nd 23rd

each of the
Conditions into which
the case may be re-
solved. I am to re-
quest that the infor-
mation given may be
laid before the Secretary
of State as early as
practicable as it will
probably materially
aid the Home Govern-
ment in arriving at
a decision on the im-
portant question at
issue.

Genl

Recd with 5 Plans
3 Ests & one Statt
entd 18/10/76

Govt. of Madras.

PUBLIC WORKS.

To The Secretary to Govt.

Very Urgent
4 Oct 76

Dated

Issued

Recd. Encl. 2 [illegible]

G. O., 25 Oct 1876, No.

Nos. 536/38

No 536/38

Circ 16-3-76.