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(2) Date of repair _____

(3) Initials of the Referencer _____

MADRAS RECORD OFFICE

Government of Madras

Public works DEPARTMENT

G.O. No.	2450-51	Press
B.P. No.		Mis.
20-21-92		
Dated	6 — 20.	1958 ? 3

Not to be folded or roughly handled

No. 90. Read the following letter from Lieutenant-Colonel J. H. M. SHAW-STEWART, R.E., Consulting Engineer for Railways, to Colonel G. W. WALKER, R.E., Secretary to Government, Public Works Department, dated Madras, 15th September 1873, No. 486 :—

ADVERTING to the Order of Government, dated the 2nd April 1873, No. 1,021, I have the honour to submit for sanction a plan showing the protective works proposed to be undertaken at the bridge over the Naggery River, on the North-West Line of the Madras Railway, with an estimate of the probable cost, amounting to Rupees 44,438.

2. The necessity for these works has been fully explained* by the Committee appointed to examine the foundations of bridges on the Madras Railway; and I have only to add that the design has been prepared in accordance with the modified designs for the protection of the bridges over the Poiney and Gooriattum Rivers, which received the approval of Government in their Proceedings, dated the 13th August 1873, No. 2,016-A. The protective works now recommended for sanction will, in my opinion, afford complete protection against the destructive effects of scour in the case of the Naggery Bridge.

* *Vide* Proceedings of Government, 2nd April 1873, No. 1,021.

3. The Railway authorities have been authorized to begin the work in anticipation of sanction.

4. In accordance with an application from the Agent, I have authorized a transfer of Rupees 11,594 from item "upstair bungalow for Locomotive Staff at Raichore" in the Budget Estimate for 1873-74, to meet the expenditure during the current official year in connection with the above work. The Locomotive Superintendent proposes to substitute at Raichore a single engine driver's bungalow of the ordinary size for the upstair bungalow, on account of which a sum of Rupees 15,466 was provided in the Budget Estimate.

Schedule B.

No. 91. ORDER THEREON, 6th October 1873, No. 2,450.

RAILWAY, No. 17.

THE plan and estimate, amounting to Rupees 44,438, for protective works in connection with the Railway bridge over the Naggery River, will be forwarded to the Government of India. The immediate commencement of operations is approved.

(Here enter No. 2,451, dated 6th October 1873.)

(True Extract.)

Colonel, R.E.,
Secretary to Government.

To the Consulting Engineer for Railways.

Exd. W. H. French.

Spare Copies.

PUBLIC WORKS DEPARTMENT,
OOTACAMUND, 6*th October* 1873.

No. 92.

No. 2,451.

FROM

COLONEL 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. 18.

To Government of India, 13th September 1872, No. 2,178.
From do. 14th October 1872, No. 1,610-G. R.
To do. 7th February 1873, ,, 411.

SIR,—With the letters marginally noted, estimates for works which were recommended to be carried out for the protection of the Palar, Poiney, and Gooriattum Bridges by a Committee specially appointed to examine the foundations of Railway bridges, were laid before the Government of India and sanctioned. From the papers recorded with G. O., No. 2,016-A. of 13th August 1873, herewith furnished, it will be seen that during the progress of the works practical difficulties presented themselves which rendered a modification of the plans and estimates necessary. These modifications which have been sanctioned by this Government will, it is expected, effect a saving of upwards of two lakhs of Rupees on the original estimated outlay.

2. I am now directed to submit a plan with estimate, amounting to Rupees 44,438, for the works proposed to be carried out for the protection of the Naggery Bridge on the North-West Line of the Madras Railway. The report of the Railway Committee on this bridge is recorded with G. O. of 2nd April 1873, No. 1,021, and on their recommendation His Excellency the Governor in Council has approved of the same protective works for the security of that structure being undertaken as those which have been sanctioned for the Gooriattum and Poiney Bridges, with additional works for retaining the waters of the river within its banks, above bridge. Objections to the measures advocated by the Committee have since been urged by Mr. Going, the Acting Chief Engineer of the Company and they are set forth and fully met in the accompanying report* of the Consulting Engineer, on consideration of which His Excellency in Council saw no reason for departing from the original proposals.

* G. O., 1,765 of 9th July.

3. The main works now proposed for the protection of the Naggery Bridge have been planned in accordance with the modified designs which have been

adopted for the Poiney and Gooriattum Bridges; and I am to request the sanction of the Government of India to the estimated outlay of Rupees 44,438. The work being of an urgent nature has been commenced in anticipation of sanction, funds being provided in the manner indicated by the Consulting Engineer.

I have the honour to be,

Sir,

Your most obedient servant,

(Signed) G. W. WALKER, Colonel, R.E.,

Secretary to Government.

Railway Department. CONSULTING ENGINEER'S OFFICE.

No. 486

From

LIEUT.-COLONEL J. H. M. SHAW STEWART, R.E.,

Consulting Engineer for Railways,

To

COLONEL G. W. WALKER, R.E.,

Secretary to Government,

Public Works Department,

Fort Saint George.

SIR,

Adverting to the Order of Government dated the 2nd April 1873 / No. 1021, I have the honour to submit for sanction a plan shewing the protective works proposed to be undertaken at the Bridge over the Vaggery river, on the North-West line of the Madras Railway, with an estimate of the probable cost amounting to Rs. 44,438.

2. The necessity for these works has been fully explained by the Committee appointed to examine

* *Vide Pro: of Govt. 2nd April 1873, No. 1021.*

the

the foundations of bridges on the Madras Railway; and I have only to add that the design has been prepared in accordance with the modified designs for the protection of the bridges over the Poiney and Goriattam rivers, which received the approval of Government in their Proceedings dated the 13th August 1893, No. 2016 A. The protective works now recommended for execution will, in my opinion, afford complete protection against the destructive effects of scour in the case of the Naggery bridge.

3. The Railway Authorities have been authorised to begin the work in anticipation of sanction.

4. In accordance with an application from the Agent, I have

have authorised a transfer of Rs 11,591 from item "upstair bungalow for Locomotive staff at Raichore" in the Budget estimate for 1893-94, to meet the expenditure during the current official year in connection with the above work.

The Locomotive Superintendent proposes to substitute at Raichore a single engine-driver's bungalow of the ordinary size for the upstair bungalow, on account of which a sum of Rs 15,466 was provided in the Budget estimate.

I have the honour to be

Sir

Your most obedient servant

[illegible]

Exec. Engineer for Railways.

No. 13.

[illegible]
September 1893
[illegible]
Secy

No. 2457

To,

The Secretary to the
Government of India
P. W. D.

Sir,

I do the honor-
-ably noted estimates
for works which were re-
-commended to be carried
out for the protection of the
Palar Pairey and Coorri-
-allum Bridges by a Com-
-mittee specially appointed
to examine the foundations
of Railway Bridges were
laid before the Govt. of
India and sanctioned.

Sd. C. A. J. d. 13th Sept 1873, No. 3178.
From Do Jr Secretary Madras Govt
No. Do Jr Telegram dated

Sd/

No. 2457.

Public Works Department.

Railway Department.

1873.

From Capt. Cotton

The Consulting Engineer
for Railways,

To

The Secretary to Government,
P. W. Department,
Fort Saint George.

Dated 15th September 1873.
Rcd. 16th do

Sir,

No. 4581

With reference to your
letter No. 2457 of the 13th
inst. I have the honor to
submit herewith the Estimates
for the Protection of the
Pallar Pairey and Coorrialum
Railway Bridges, and the
Plans and Sections of the
Bridges to which they refer.

I have the honor to be
Sir
Your most obedient Servant
Sd/ [illegible]
Consulting Engineer
for Railways.

Sd/ [illegible]
Secretary to Government
P. W. Department

from the papers recorded with G.O. No. 2016 of 13th August 1873 herewith furnished, it will be observed during the progress of the works practical difficulties presented themselves which rendered a modification of the plans and estimates necessary. Those modifications which have been sanctioned by this Govt. will, it is expected effect a saving of upwards of two lakhs of Rupees on the original estimated outlay.

I am now directed to submit a plan with estimate amounting to Rs 4,4,38 for the works proposed to be carried out for the protection of the Jaggery Bridge on the South West line of the Madras Railway - The report of the

with addl. work for retaining the waters of the River within the bridge - banks,

* G.O. 1965 of 9th July

the Railway Committee on this Bridge is recorded with G.O. of 2nd April 1873 No. 1021, and on their recommendation His Excellency the Governor has sanctioned the execution of the same protective works for the security of that structure being considered to those which have been sanctioned for the Coorialtaur and Doiney Bridges

Objections to the measures advocated by the Committee have since been urged by the Acting Chief Engineer of the Company, and they are set forth and fully met in the accompanying report of the Commanding Engineer on consideration of which His Excellency

Her Excellency requested departing
was requested for ~~explaining~~
original
from the proposals of the
~~Bridge Committee~~
Chairman for the
now proposed for the protection of the Foggy Bridge have been planned in accordance with the modified designs which have been adopted for the Piney and Goodallum Bridges and sanctioned by the Government of India the estimated outlay of Rs. 1,38,000 the work being of an urgent nature has been commenced in anticipation of sanction funds being provided in the manner indicated by the Executive Engineer.

CMW.

~~Referred to the Secretary~~
to 3 Encl. 15/10/73 pp 90-92.

Op. 5081

Govt. of 1873 Madras.

PUBLIC WORKS.

To The Commissioner &c &c
for Railways
Fr The Secretary to
the Govt of Madras

Dated

Recd. Encl.

G. O. dated 1873. No. 2450-2457

Nos. 90-97 92

Cauvery Bridge &c.

Nagery River. Plan
& Estimate for protecting
works in connection
with the Bridge
over the Nagery River
ordered to be forwarded
& the early Orders, the
immediate commencement
of operations, approved.

for Sanction

Drawing Plan and
Est: for protective works
in connection with the
Cauvery Bridge over the
Nagery River & intimate
that the immediate com-
mencement of the work
has been authorized in
anticipation of Sanction

CR 15-1872