

(1) Number of pages _____

(2) Date of repair _____

(3) Initials of the Referencer _____

MADRAS RECORD OFFICE.

Government of Madras.

Public Works DEPARTMENT.

C.R.

G.O. No. 2780

Press
Mis.

21-22

Dated 1 — 9

18 66.

Not to be folded or roughly handled

*Proceedings of the Madras Government, Public Works Department,
1st September 1866.*

No. 21. Read the following letter from the Acting Consulting Engineer for Railways, to the Secretary to Government, Public Works Department, dated Madras, 21st August 1866, No. 354 :—

1. In letter from the Secretary to the Government of India, Public Works Department, dated the 28th April last, No. 410 R., the sanction of the Governor General in Council was communicated to the estimated outlay of Rupees 39,124, for the construction of three girder bridges upon the North-West Line. With respect to two of the three bridges, I have now the honor to forward revised estimates, viz. :—

1 Double 20 feet opening at 79 miles 67 chains	Rupees 17,210
Amount already sanctioned	„ 14,843
Requiring sanction... ..	„ 2,367
1 Single 20 feet opening at 79 miles 62 chains	„ 12,212
Amount already sanctioned... ..	„ 10,701
Requiring sanction... ..	„ 1,511

2. The Acting Chief Engineer explains that the original estimates did not provide adequately for several items, and he adds :—

“ At the double 20 feet opening, we have an excess of Rupees 240 in earthwork, Rupees 500 in rubble work, Rupees 1,200 in carriage of materials, and Rupees 225 for ballasting not included in the estimate.

“ At the single 20 feet, we have an excess of Rupees 204 for rubble work, Rupees 897 for carriage of materials, and Rupees 225 for ballasting not included in the estimate.

“ Owing to a scarcity in the General Stores, a number of piles and other materials for these works were borrowed from the stock at Beypoor, intended for the bridge over the south channel at the Kuddlehoondy. This will account for the excess against carriage of materials. The excess in rubble work is due to increased depth of foundation. Ballast has been necessitated to make up the line at both these bridges, and its omission from the original estimates was an oversight. The excess over earthwork in the double 20 feet is due to the temporary road which was carried at the foot of the embankment by cutting away a portion of the slopes, and for which no provision was made in the estimate.”

3. The explanation is satisfactory, and I recommend that the sanction of the Governor General in Council be obtained for the additional outlay of Rs. (3,878) three thousand eight hundred and seventy-eight.

Rupees 2,367, and
Rupees 1,511

No. 22. ORDER THEREON, 1st September 1866, No. 2,780.

RAILWAY, No. 1.

The sanction of the Government of India will be requested to the excesses referred to in this letter amounting in the aggregate to Rupees 3,878.

(Here enter No. 2,781, dated 1st September 1866.)
(True Extract.)

(Signed) CHARLES A. ORR, Colonel, R. E.,
Secretary to Government.

To the Consulting Engineer for Railways.

PUBLIC WORKS DEPARTMENT,
FORT SAINT GEORGE,
1st September 1866.

No. 2,781.

No. 23.
To

THE SECRETARY TO THE GOVERNMENT OF INDIA,
PUBLIC WORKS DEPARTMENT.

SIR,

RAILWAY, No. 2.

In your letter No. 410 R., dated the 28th April 1866, the sanction of the Government of India was accorded to an expenditure of Rupees 39,124 for the construction of three girder bridges on the North-West Line of the Madras Railway.

	Original Estimate.	Revised Estimate.
	RS.	RS.
1 Double 20 feet opening at 79 miles 67 chains ...	14,843	17,210
1 Single 20 feet opening at 79 miles 62 chains ...	10,701	12,212
	25,544	29,422
		25,544
Total excess ...		3,878

The Consulting Engineer now explains that for the reasons detailed in the accompanying papers, the estimates for two of the bridges will be exceeded by Rupees 3,878, and I am accordingly to request the approval of the Government of India to the proposed additional outlay.

I have the honor to be,

Sir,

Your most obedient servant,

(Signed) CHARLES A. ORR, Colonel, R. E.,
Secretary to Government.

Exd. S. T. Augustin.

Railway Department.

CONSULTING ENGINEER'S OFFICE,

No. 354 -

From

Major J. A. M. Shaw Stewart R.E.
Acting Consulting Engineer for Railways,

To

Colonel L. A. Orr R.E.

Secretary to Government,

Public Works Department,

Fort Saint George.

Sir,

In a letter from the Secretary to the Government of India, Public Works Department, dated the 28 April last, N^o 410 R, the sanction of the Governor General in Council was communicated to the estimated outlay of Rupees 39,124 for the construction of three Girder Bridges upon the North West Line. With respect to two of the three Bridges I have now the honor to forward revised Estimates, - vizt. -

1 Double 20 feet opening at 791 Rupees 17,210 -
miles by chain _____
Amount already Sanctioned _____ 14,843 -
Requiring Sanction Rupees 2,367 -

1 Single 20 feet Opening at 79 Miles } Rs 12,212 ...
 62 Chains. _____
 Amount already Sanctioned _____ 10,701 ...
Requiring Sanction Rupees 1,511 ...

2 The Acting Chief Engineer explains that the original estimates did not provide adequately for several items, and he adds:

"At the double 20 feet opening, we have an excess of Rupees 240 in Earthwork, Rupees 500 in rubble work, Rupees 1200 in Carriage of Materials and Rupees 225 for ballasting not included in the estimate."

"At the single 20 feet, we have an excess of Rupees 204 for rubble work, Rupees 897 for Carriage of Materials, and Rupees 225 for ballasting not included in the estimate."

"Owing to a scarcity in the General Stores, a number of Piles and other materials for these works were borrowed from the stock at Beypoor intended for the Bridge over the South channel at the Pudducherry. This will account for the excess against Carriage of Materials. The excess in rubble work is due to increased depth of foundation. Ballast has been necessitated to make up the line at both these bridges, and its omission from the original estimates

"was an oversight. The excess over Earthwork in the double 20 feet is due to the temporary road which was carried at the foot of the embankment by cutting away a portion of the Slopes and for which no provision was made in the estimate."

3 The explanation is satisfactory, and I recommend that the Sanction of the Governor General in Council be obtained for the additional outlay of Rupees (3878) Three thousand, eight hundred and Seventy eight -

Rupees 2367 and
 Rupees 1511.

Madras
 21 August
 1865

I have the honor to be,
 Sir,
 Your Most Obedt Servant.
 Lieutenant Major R.G.
 Acting Consulting Engineer for Railways.

Public Works Dept.

no 2780

Proceedings of the Madras Government

Under date the 1st Sept 66

Read the following

From the Consulting Engineer
for Railways.

(Here enters 21 August 1866
No 354)

The sanction of the Gov^r
of India will be requested
to the expenses referred to
in this letter amounting
To The Consulting Eng^r for Railways for the aggregate to Rupees
Rs 3878 -
Desp^d 3^d Sept^r 3878 - no 2781

To The Secretary to the
Gov^r of India

Sir In your letter No 410,
dated the 28th April 1866,
the sanction of the Gov^r
of India was accorded
to an expenditure of
Rupees 39,124 for the
construction of three
girder bridges on the

W.D.

RAILWAY DEPARTMENT.

From

The Consulting Engineer

for Railways,

To

The Secretary to Government,

Public Works Department,

Fort Saint George.

Dated 25th

Received 23rd August 1866.

No. 354.

Encls: 2

For forwarding to

Intendants of single &

Double 20 ft openings on

2nd & 3rd 2 Dec: 2 h. M. Lane.

no 2780-42781-10784614

North West line of the
 Madras Railway— The
 Consulting Engineer now
 explains that for the
 reasons detailed in the
 accompanying papers, the
 estimates for two of the
 bridges will be exceeded
 by Rs 3878, and
 I am accordingly to
 request the approval
 of the Government of India
 to the proposed additional
 outlay—

	Original estimate	Revised estimate
1 Double 20 feet opening at 79 miles 67 chains	Rs 14,813	Rs 17,210
1 Single 20 feet opening at 79 miles 62 chains	Rs 10,701	Rs 14,212
	25,514	31,422
		5,908
Total excess		Rs 3,378

[Signature]

For Lt. General
 1st Sept/66 }

O. M. 1866. Depart^{to}
Prosp of Govt for Sep 11/66
No 278042781

Prosp of the Madras Govt

Dated 1st Sep 1866

Passing orders
on a letter from the Con-
sulting Engineer, request-
ing sanction to an excess
of Rs 38/- over the esti-
mates for Linton Bridges
(certain

A 21 @ 23.