

(1) Number of pages _____

(2) Date of repair _____

(3) Initials of the Referencer _____

MADRAS RECORD OFFICE.

Government of Madras.

Public works

DEPARTMENT.

G.O. No.	471	Press
2811285		Mis.
Dated	18.2.	1873.

Not to be folded or roughly handled

*Proceedings of the Madras Government, Public Works Department,
13th February 1873.*

No. 284. Read the following endorsement of the Consulting Engineer for Railways, dated Madras, 22nd January 1873, No. 45 :—

From the Agent and Manager of the Carnatic Railway Company, (Limited,) to the Consulting Engineer for Railways, dated Madras, 21st January 1873, No. 22.

I HAVE the honour to submit herewith, for your information, copies of a report from Mr. Lea Hair, No. 17/73, dated the 19th instant, and from the Chief Engineer, No. 50, dated the 20th idem, as to the failure of an additional double 6 feet bridge at 7 miles 12th telegraph post from Arconum, owing to damage by the recent flood.

Memorandum from the Chief Engineer, to the Agent and Manager of the Carnatic Railway Company, dated Madras, 20th January 1873, No. 50.

HEREWITH copy of a report from Mr. Lea Hair regarding one of the culverts which was injured by the late floods having given way. You will perceive that no casualty occurred, nor was there any delay to the trains. All places where repairs have been made or where there appears to be a danger of failing are, as you are aware, carefully watched.

2. The culvert under reference was one of those originally built for the public road.

From Mr. A. LEA HAIR, Superintendent, to Chief Engineer, Carnatic Railway Company, dated Arconum, 19th January 1873, No. 17/73.

I BEG to report, for your information, that after the 6-30 A. M. train from Conjeveram yesterday passed over the double 6 feet bridge at 7th mile, 12th telegraph post, the arch and parapet wall was found to be cracked. Upon examining it I found the west end of the north abutment had sunk, and the abutment broke through the middle; the centre pier was also cracked through about 3 feet from the west end; the north arch was cracked from the break in the abutment to the west face, and from thence a second crack to the break in the centre pier.

2. The south arch was cracked from the break in the pier to the west face.

3. The opening in the north arch was sufficient to pass your hand in. It was impossible for another train to pass over the bridge without its falling. I therefore lost no time in cutting the arches away and substituted a pair of iron girders. The work was finished before evening.

Vide G. O., No. 48, dated 8th January 1873. SUBMITTED to Government in continuation of this office letter No. 661, dated 29th November 1872.

(Signed) J. H. M. SHAW-STEWART, Lieut.-Colonel, R. E.,
Consulting Engineer for Railways.

No. 285. ORDER THEREON, 13th February 1873, No. 471.

RAILWAY, No. 36.

ORDERED to be recorded.

(True Extract.)

Colonel, R. E.,

Secretary to Government.

To the Consulting Engineer for Railways.
Exd. S. T. Austin.

Carnatic Railway Company, Limited,

AGENT'S AND MANAGER'S OFFICE,

MADRAS, *Jan'y 21st* 1873

N. Co.
No. 22.

From

J. T. Fisher Esq^r

Agent & Manager

Carnatic Ry Co. L^d

To

Lieut. Col. J. H. M. Shaw Stewart R.E.

Cons. Eng^r for Railways
Madras.

Sir,

I have the honor to submit herewith for your information copies of a report from Mr. Lea Hair No. 73 dated the 14th instant, and from the Chief Engineer No. 50 dated the 20th idem, as to the failure of an additional double 6' Bridge at 7 miles 12 tel. posts from Arcot owing to damage by the recent flood.

I have the honor to be

Sir

Yours most obed^t Serv^t

J. T. Fisher
Agent & Manager

N^o 50.

Carnatic Railway Co./Sd.,
Chief Engineer's Office.
Madras 20 January 1873.

Memo. to the Agent Manager.

Herewith Copy of a Report from Mr.
Sea Hain regarding one of the culverts,
which was injured by the late floods, having
given way. You will perceive that no
casualty occurred nor was there any delay
to the trains. All places where repairs have
made or where there appears to be a danger
of failing are as you aware, carefully watched.

The Culvert under reference was one
of those originally built for the Public Road.

J. L. Dibblee.
Chief Engineer.

True Copy.

J. T. Fisher
Agent Manager.

21 Jan. 73.
44

17/75

9
Marnatis Railway Co. Ltd.
Account 19 January 1875.

M. S. M. M. Esq.

Chief Engineer.

Marnatis Railway Co.

Marnatis.

Dear Sir,

I beg to report for your information, the
at 6.30 a.m. train from Conjeveram yesterday
day, passed over the Double Bridge at 7 mile
12 T. 9. The Arch, and parapet wall was found
to be cracked; upon examining it, I found the
West end of the North abutment had sunk, and
the abutment broke thro' the middle, the centre pier
was also cracked thro' about 3' from the west end
the North arch was cracked from the break in
the abutment to the West face and from there, a
second crack to the break in the Centre pier.

The South Arch was cracked from the break
in the pier to the West face.

The opening in the North Arch was sufficient
to pass your hand in. It was impossible for an-
other train, to pass over the Bridge without its
falling. I therefore lost no time in cutting the
Arches away and substituted a pair of iron girders
the work was finished before evening.

I remain, &c.

18/7 A. S. H. A. S.

Supt.

True Copy

Intd. T. & C.

Hand Copy.

J. Fisher
Agent & Manager.

N^o 45.

Submitted to Go-
-vernment in continuation
of this Office letter N^o
661 dated 29th November
1872.

* Vide G.O. N^o 48
dated 8th Jan'y/73.

Machras
22nd January 1873

Mantworth
Esq.,
Cons. Eng^r for Railways

S.

The Secretary to Government
Public Works Department
Port Saint George.

P. 44-245/73-

1873

Submitted to the
Committee on the
State of the
Union

1873

Dec 15/73

Wm. B. Ewing

M.E.

City of

Ordered to be recorded -

1873

1873

P. M. 1873

From No. 445

See also: 1873

for 1873

to the State of

1873

at 1873

at 22-23

1873

1873

at 1873

report from the

1873

at 1873

1873

11/4/57

Gobt. of 118731 Madras.
PUBLIC WORKS.

To the Consulting Eng^r
for Railways

Dated

Recd.

Encl. 3

G. O. 13th Feby 1873. 471.

Nos. 182, 9285

Bridge: Report of the

Failure of a bridge on
the Paimeter Railway
on the 18th Jan 73.

Recorded.