

(1) Number of pages _____

(2) Date of repair _____

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MADRAS RECORD OFFICE

Government of Madras

Public Works

DEPARTMENT

G.O. No.

2430

Press

B.P. No.

Mis.

Dated .

25 - 8

4875

-195 .

Not to be folded or roughly handled

*Proceedings of the Madras Government, Public Works Department,
25th August 1875.*

No. 410. Read the following letter from R. E. NORFOR, Esq., Officiating District Engineer, South Arcot, to Major-General G. W. WALKER, R.E., Secretary to Government, Public Works Department, dated Cuddalore, 16th August 1875, No. 109:—

WITH reference to paragraph 2 of G. O., No. 2,198, of the 28th July 1875, I have the honor to report, for the information of Government, that up to date mangoe plank piling has been driven on the upstream face of the bridge in front of four damaged arches, the fifth being in progress. I was obliged to use mangoe plank piles as straight casuarina poles were not procurable, and the palmyrahs obtainable here were only 10 feet long, and they taper away to 3 inches at the ends, and would not have gone down close enough to have been of much use. Rough stone has also been put in between piles and retaining wall before four arches on upstream and two arches on down stream side and floors filled in with stone.

2. The gravel over the damaged arches has been picked up and relaid, and the roadway reduced to 15 feet in width over three and four arches, and two groynes above bridge have been erected, proceeding with others.

3. It is only within the last ten days that I have been able to make a fair start with the work, as owing to the prevalence of cholera in the town, and especially in the village near the bridge, it was not possible to get coolies to come to work on any terms, nor do I think it would have been advisable to collect them together while the epidemic was raging so bad.

4. In the meanwhile I had collected all the mangoe planking required, and got the piles shod and hooped, and the rough stone was also collected. I had also to get made a pile-driving machine, as I found the hand-monkey suggested by Major Smith, R.E., produced little or no effect after 4 feet had been driven in.

5. I am at the work myself nearly always, as Mr. Garrett is engaged on the Pooniar Survey and Mr. Wiffen at the Pooniar Anicut Works. I am pushing on as fast as possible, and I hope by the end of the current month to have all protective works finished and the bridge secure against floods.

No. 411. ORDER THEREON, 25th August 1875, No. 2,430.

CIVIL WORKS, No. 33.

A FURTHER report will be awaited, and the District Engineer will be careful to give the information required by paragraph 6 of the Order of the 28th July last, No. 2,198, as soon as possible.

(True Extract.)

Major-General, R.E.,
Secretary to Government.

To the District Engineer, South Arcot. ✓

„ Chief Engineer for Irrigation. ✓

Exd. S. T. Austin.

Spare Copies

D. P. W.

SOUTH ARCOT.

No. 109.

DISTRICT ENGINEER'S OFFICE.

Camp Cuddalore

Dated 16th August 1875.

From

The District Engineer,

South Arcot.

To

The Secretary to Government
D.P.W.

Enclosures.

Sir,

With reference to para 2 of G.O. No 2198 of the 28th July 1875 I have the honor to report for the information of Government, that up to date Mangoe Plank piling has been driven on the upstream face of the Bridge in front of 4 damaged arches, the fifth being in progress. I was obliged to use Mangoe plank piles as straight Casuarina poles were not procurable, and the palmyras obtainable here were only 10 ft long and they tapered away to 3 inches at the butt, and would not have gone down close enough to have been of much use. Rough stone has also been put in between piles and retaining wall before 4 arches on upstream and 2 arches on downstream side.

side and floors filled in with stone.

2. The gravel over the damaged arches has been picked up and relaid and the roadway reduced to 15 ft in width over 3 and 4 arches - and 2 Groynes above Bridge have been erected, proceeding with others.

3. It is only within the last 10 days that I have been able to make a fair start with the work, as owing to the prevalence of Cholera in the town, and especially in the village near the Bridge, it was not possible to get coolies to come to work on any terms, nor do I think it would have been advisable to collect them together while the epidemic was raging so bad.

4. In the mean while I had collected all the Mangoe Planking required, and got the Piles shed and hooped, and the Rough stone was also collected. I had also to get made a Pile driving machine, as I found the hand-monkey suggested by Major Smith P.E. produced little or no effect. after 4 ft had been driven in.

5. I am at the work myself nearly always

always as Mr. Garrett is engaged on the Pennar Survey and Mr. Whiffen at the Pennar Ancient Works. I am pushing on as fast as possible and I hope by the end of the current month to have all protective works finished and the Bridge secure against floods.

I have the honor to be,

Sir

Your most obedient servant

W. H. H. H.
Offg. District Engineer.

Public Works Dept.

No. 2430

Proceedings of the Madras Government
Under date the 25 Aug 1875
Read the following

From The Dist. Engineer } (H.C. No. 109 of 16th Aug 75)
South Arcot

A further report
will be awaited, and
the District Engineer
will be careful to give
the information required
by para 3 of the order
of the 28th July last,
No. 2198, as soon as
possible.

O.S. South Arcot 6
Chrgs for Engr 5

Wm. 2/8

To
The Secretary to Govt
D.P.W.
From
The District Engineer
South Arcot
No. 5321

Dated 16th
Despatched 17th
Received 18th Aug 75

No. 109.
Enclosures —

Reporting on the P.W.
= Grass made in the
Protective Works for
the Bridge across the
= near near Chinnai
Company.

S. 6. 2400. 25-8-75

No. 410

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Mr. [unclear]

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Encl.

G. O., 25th 1875, No. 2113.

No. 410 - 411

Proposed Protective
works for the Ponnai Bridge
near Cuddalore, P. Alcott Esq.

A further report of the progress
made in the — awarded,
and the P. Alcott Esq. to
give the information required
by para 6 of the Order of the
28 July last No. 2198, as com-
petent.