M.R.O. 1—77,006—8-6-37.

(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. 3450 Press / Mis.

5763?

Dated 22-?- 18??.

Not to be folded or roughly handled

Proceedings of the Madras Government, Public Works Department, 22nd September 1866.

No. 576. Read the following letter from the Acting Superintending Engineer, 1st Division, to the Secretary to Government, Public Works Department, dated Camp, Durmavarum, 12th September 1866, No. 113 :—

1. I have the honor to report that, owing to the fracture of one of the screw piles on which the girder bridge over the Cowsica at Bandarlunka rests, that work must be taken down and in great part re-built.

2. The accident happened on or about the 1st July. Captain Ryves believed, from the report he heard, that it was caused by the over-screwing of the pile in the effort to sink it through stiffer soil than was expected, to the depth laid down in the plan. From personal inspection, however, I am of opinion that the interior of the pile was rotton; it is considerably under water, but a bamboo inserted at the water surface went a considerable depth into it.

3. Till the water in the Cowsica subsides, it will be impossible to say whether we can cut off the top of the pile and scarf on a new piece or not, and till this can be seen, I cannot make any estimate.

No. 577. ORDER THEREON, 22nd September 1866, No. 3,050.

CIVIL WORKS, No. 107.

No. 348, 11th February 1863.
Do. 2,265, 6th August 1864.

The Acting Superintending Engineer of the 1st Division has omitted to report, in compliance with the Orders marginally noted, the numbers and dates of the Orders sanctioning the estimate for the girder bridge over the Cowsica. He will now supply this omission, and will state when the work was completed, and at what cost. Colonel Moberly will also explain how it is that the fracture of one of the screw piles on which the bridge rests will involve its re-construction.

(True Extract.)

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

To the Acting Superintending Engineer, 1st Division.

Exd. S. T. Augustin.

Superintending Engr's Office 1st Div.
Camp Dumamaram
12th September 66

No. 113.

From

Lieut Colt F. J. Moberly R.E.
Ag. Supg. Engineer 1st Div.

To

Colonel C. A. Orr R.E.
Secretary to Government P.W.D.
Madras.

Sir,

I have the honor to report that owing to the fracture of one of the screw piles on which the girder bridge over the Cowsica at Kandarkuka rests that work must be taken down & in great part rebuilt.

2. The accident happened on or about the 1st July. Captain Pynes believed from the report he heard that it was caused by the over screwing of the pile in the effort to sink it, through stiffer soil than was expected, to the depth laid down in the plans. From personal inspection however I am of opinion that the interior of the pile was rotten - it is considerably under water, but a bamboo inserted at the water surface went a considerable depth into it.

3. Till the water in the Cowsica subsides it

it will be impossible to say whether as can cut off the top of the pile and scarf on a new piece or not & till this can be seen I cannot make any estimate.

I have the honor to be
Sir
Your Most Obedt Svt
F Henbest
Lt Col R.E.
Ag Superintending Engr 1st Div

Lib

32

No 3050 Public Works Department.

PROCEEDINGS of the MADRAS GOVERNMENT.

Under date the 22nd Septr 1866

Read the following

From The Acting Superintending Engineer of the 1st Division

(Here enter No. 113 dated 12 Septr 1866.)

The Acting Superintending Engineer of the 1st Division has omitted to report, in compliance with the orders marginally noted, the numbers and dates of the orders sanctioning the Estimate for the Girder bridge over the Cowvéa - He will now supply this omission, and will state when the work was completed, and at what cost - Coll Molesly will also explain how it is that the fracture of one of the Screw piles on which the bridge rests will -

Ro 348 - 11 Feb/63
" 2265 - 6 Augt/64

To Bridges Dept
No. 1 Govt Engr 1st Division
The Ag Supt Engr
1st Division

Ack 12th Septr/66
Copy rec'd
Ro 22 Sept

Sirs

Referring to the fracture of the Screw piles on the Girder bridge over Cowvéa at Tevelenkuttai road that has occurred since the bridge was finished -

Agreed.

Ro 3050 - 22nd Septr/66.

mvôlve ilô reconstruction



16
2

Dec 24-9-86

P W 1866 Dated

Proc: of Govt for Septs

No. 3050

Proc: of the Madras Govt

Dt 22d September 66.

The Supdg Engr of the 1st Dn
requested to furnish certain infor-
mation relative to the numbers
and dates of the orders sanction-
ing the construction &c of Bridge
(girder) over the Purnia at Bandar
Lanka in the Godavery Dist.

No. 576-577.