

1. Number of pages. 1-1
2. Date of repair. 26.6.37
3. Initials of Referencer.

M.R.O. 1-82,400-23-11-80.

MADRAS RECORD OFFICE.

Government of Madras.

Public Works DEPARTMENT.

Cons 21.4.57

G.O. No. 744

Press
Mis.

183-84
Dated *21-4-*

1857

Not to be folded or roughly handled

23.6.37

15

Fort Saint George, Public Works Consultation of 21st April 1857.

No. 183. Read the following Extract from the Proceedings of the Chief Engineer, dated 15th April 1857, No. 11698.

Read the following letter from Lieutenant C. SCOTT, District Engineer; to Colonel C. E. FABER, Chief Engineer, dated Madura, 24th March 1857, No. 146.

SIR,

In accordance with the instructions contained in Extract Minutes Consultation No. 472 of the 14th Instant, forwarded with your Extract Proceeding No. 11091 of the 19th Instant, I have the honor to forward a copy of a letter from Assistant Overseer Franklin in charge of the Ambravutty bridge detailing the occurrence of an accident, which necessitated the removal of one of the arches of that bridge.

2. As in consequence of our finding it possible to build the Arches of the bridge at much lower rates than those allowed in the estimate, it is hoped that this accident will not occasion any risk of the estimate being exceeded I did not at the time deem it deserving of special notice, but after seeing the orders of Government on a case of the kind I report it, lest I should render myself liable to a charge of remission in the matter.

Resolved, to forward the letter No. 146, dated 24th March 1857 from the District Engineer of Madura with its enclosure to Government for information.

2. The miscarriage of one of the arches of the Ambravutty bridge is to be attributed to a want of experience and practise, rather than of skill or to inattention on the part of the bricklayers to the words of command.

3. The case does not appear to the Chief Engineer, to call for any particular remarks on his part, though he has considered it his duty to place the report of the District Engineer before Government.

(Signed) C. E. FABER, Colonel,
Chief Engineer.

No. 184. ORDER THEREON, No. 744; dated 21st April 1857.

Ordered that the foregoing Extract be recorded.

(Signed) H. FORBES,
Acting Secretary to Government.

Sir

35

I beg to write for your information that on account of sundry dangerous cracks, that occurred while easing the wedges for the removal of No. 1 Arch centring. I was obliged to remove the Arch altogether for fear of any fatal accidents.

The Cause of the cracks and thereby failure of the Arch is attributable to the irregular manner that the wedges were struck most of my Bricklayers never having been accustomed to such work. For on the words of Command, the wedges on the south side were driven home while those on the North not being driven with a similar or requisite force supported the half Arch bearing on them whilst the other half having no support separated from it and was suspended by the usual compression. This separation was the cause of the cracks mentioned which enlarged so, as to justify the act of taking the arch down altogether which course I am confident yourself would direct were you present.

Notwithstanding this accident (which under Gods blessing happened without danger to any body) I feel confident that the bridge will be finished within the Estimate.

No. 1 Arch was finished on the 3^d inst. The wedges eased for the first time on the 14th and next on the evening of the 15th on the morning of the 17th the accident happened and by the evening of the 17th the greater part of the Arch was removed.

The

The ruins are being removed today and
the spot will be ready within the week to com-
mence again with the other work.

I beg to remain
Sincerely, Franklin
S. S. S. S.
Madura District

25th February
1857

~~John~~ G. S. S.
District Engineer
Madura.

Extract from the Proceedings of the Chief Engineer
in the Department of Public Works, Port of Spain
Under date the 15th April 1857

Read the following letter
from
Lieut. C. Scott
to
The Chief Engineer, Port of Spain
Sir,

In accordance with the instructions
contained in E. Min. Cone. N^o 472 of the
14th inst. forwarded with your E. Pro. N^o 11091
of the 17th inst. I have the honor to forward a copy
of a letter from Assistant Overseer Traubman
in charge of the Substantly bridge detailing
the occurrence of an accident, - which necessi-
tated the removal of one of the arches of
that bridge.

2. As in consequence of our finding
it possible to build the arches of the bridge
at much lower rates than those allowed
in the Estimate, it is hoped that this
accident will not occasion any risk of
the Estimate being exceeded. I did not
at the time deem it deserving of special
notice, but after seeing the orders of
Government on a case of the kind before

18th April 57
Inscribed in a letter from
the Chief Engineer, London
dated 24th March 1857, relative
to the Chief Engineer, P.M.
and D.C. Eze.

PM 738/57

Copy of a letter from 1857
overseer Traubman regarding
the occurrence of an accident
which necessitated the removal
of one of the arches of Andu-
ney bridge.

21-11-57

June 17th 1854

Public Note 1557 P. 1st

Expenditure of the 13th P. 1st

Expenditure of the 13th P. 1st

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